

SENECA VALLEY ANGLER

Official Publication of Seneca Valley Trout Unlimited, Chapter # 369

Vol. 34. No. 2 www.senecavalleytu.org

SEPTEMBER 2017

OFFICERS

President: Noel Gollehon Vice President: Warren Junium Secretary: Dave Cleaves Treasurer: Nate Wallace

PRESIDENT'S NOTE

Fall is arriving and the past few days have cooled off and makes we want to get out on the water. It has also started the activities of your Trout Unlimited Chapter, Seneca Valley. We hold meetings and events during the fall and winter through the spring and then during the busy summer months take a break.

We are kicking off the fall meeting schedule on September 26 with a great program by one of own Chapter Members, David Cleaves. Dave will be speaking about Climate Change and Trout. I encourage you to come out and learn about the impact of a warming climate on cold water resources and the critters that rely on that cold water. Whatever your opinion on the source of the warming climate, the data is clear that that we have higher temperatures now relative to the past.

October we shift to a different type of meeting. We are holding a casting clinic and cookout on October 22 at the IWLA-Rockville Lake. So if you have a casting problem, I know I do, this a chance to receive one-onone instruction from Certified Instructors to hone your skills and fix that tailing loop, or whatever your problem might be. Even if your cast is "perfect" come out and join us for a burger and great conversation and camaraderie. (If your cast is perfect please stop by and introduce yourself, I want to meet you!) We will also do a little fundraising for the Chapter at this event, so your support will be appreciated.

As you can tell SVTU is an active chapter with the meetings and events, including Fly Fishing 101 in the spring and a get together in the fall. The Chapter's conservation activities on Beaver Creek continue with a workday in October and plans to assist the Beaver Creek Watershed Association and Maryland's Department of Natural Resources on improvements to the State owned section of Beaver Creek. Our role is being defined but volunteers will be needed. This is your chance to make a lasting difference in tout fishing in our region. Watch the website and e-mail notifications for dates and needs.

SVTU depends on volunteers to make all we do happen. Are you involved? I know most of you are not, because I know the group of dedicated volunteers that make things happen (my thanks to them) and that

group is not large in number. We can use some help! You do not have to commit to much time or effort to take a role in the planning and execution of a Chapter activity, and we could really use your help! If you have some time just let any Officer or Director know you are willing to help, and we will match something that needs to be done with your availability.

I look forward to seeing you at an SVTU event and look forward to you contributing to making your Chapter events happen.

Tight lines! Noel Gollehon, President SVTU

MEETING SCHEDULE FOR 2017 / EARLY 2018

SEP. 23	IWLA Hunting and Fishing Day
	Open House (Details follow)
SEP. 26	SVTU Chapter Meeting
	Topic: Conservation and Climate
	Change
OCT. 11	Charles S. August Memorial
	Service (Details follow)
OCT. 18	SVTU Board meeting
OCT. 21	Beaver Creek Work Day (Details
	follow)
OCT. 22	SVTU Chapter Cookout and
	Casting Clinic (Sunday) (Details
	follow)
NOV17	SVTU Board meeting
NOV. 21	SVTU Chapter Meeting
	Topic: TBD, check for an email
DEC. 20	SVTU Board meeting
DEC.	NO CHAPTER MEETING
	2018
JAN. 17	SVTU Board Meeting
JAN. 23	SVTU Chapter Meeting / Election
	of Officers
	Topic: TBD, check for an email
FEB. 21	SVTU Board meeting
FEB.	NO CHAPTER MEETING

SEPTEMBER CHAPTER MEETING

WHEN: TUESDAY, SEPTEMBER 26th

WHERE: IWLA Chapter House 18301 Waring

Station Road, Germantown TIME: 7:30 – 9:30 p.m.

WHAT: "Conservation and Climate Change"
by David Cleaves, SVTU Chapter Secretary
Retired from US Forest Service as the
Climate Change Advisor to the Chief of the
Service.

Changes in the climate are effecting outdoor recreation and the outcomes of our conservation activities. Last year - 2016 - was officially the Earth's warmest since record-keeping began in the 1880s. It set a global heat record for the third year in a row. Sixteen of the 17 hottest years on record have occurred since 2000, according to NOAA. The last record cold year was 1911. This pattern has come with sea level rise, increases in extreme precipitation and drought, flooding, and wildfires. Populations, habitats, and the timing of life events of a growing number of wildlife species we care about are also being changed by the combined effects of warming and other threats such as urban development and poor land management.

Outdoor recreation and other industries - hunting, fishing, wildlife viewing, snow sports, and others are working to adjust to these changes. Forest and wetlands on which many species depend are shifting gradually north and higher in elevation and freshwater habitat for trout and other coldwater species are being reduced. It is important that outdoor enthusiasts understand something about these changes and their impacts on today's and the next generation's enjoyment and stewardship of the great outdoors.

Dave will talk with us about the role of fly fishers, other outdoor enthusiasts and citizen conservationists in dealing with the changing climate. Dave will talk about how we can become more aware of these changes and build climatic changes into our education, conservation, and advocacy. He will also talk about what outdoor recreation groups are doing to address and adapt to the changing climate.

Dave retired from the US Forest Service after 30 years in Research and Development. He was formerly the Climate Change Advisor to the Chief of the US Forest Service and led the agency's nationwide strategy for responding to climate change. Dave is a member of Rockville IWLA, Seneca Valley Trout

Unlimited, and the International Association for Fly Fishers. He has lived in North Potomac since 1997.

IWLA HUNTING AND FISHING DAY _ OPEN HOUSE – FAMILY FUN DAY

WHEN: SATURDAY, SEPTEMBER 23rd

WHERE: IWLA Chapter House 18301 Waring

Station Road, Germantown TIME: 1:00 p.m. – 5:00 p.m.

Please enter the IWLA property on Waring Station

Road

Park at the IWLA Clubhouse lot.

The Seneca Valley Chapter of Trout Unlimited (SVTU) will be assisting the IWLA Rockville Chapter in this fun day. We partner with this Chapter on many activities throughout the year and we have many individuals whom are members of both organizations.

Come and join in on the many activities for all ages that will be featured at this event!

Try your skills at Lots of Outdoor Activities including:

- Archery
- Fly Fishing and Casting
- Kayaking and Canoeing
- BB Guns / Black Powder Muzzle Loading
- · Collect Chestnuts at an Orchard
- Wood Duck Nesting Box Conservation
- · Trail Hike to the IWL Private lake
- Save or Streams Exhibit / Demonstration
- Kids Table Crafts and Hands-On-Nature
- · Kids Fishing on the Stocked Lake

Visit Exhibitors:

- Trout Unlimited
- The Seneca Valley Watershed Partners
- Outdoors Women's Life
- Maryland Blue Birds Society
- Tomahawk Toss (Boys Scouts)

We hope to see you at this event which should be a fun one for the entire family. Check your "inbox" of your email service for an earlier transmittal of this information.

CHARLES S. AUGUST MEMORIAL SERVICE

WHEN: WEDNESDAY, OCTOBER 11th

WHERE: IWLA Chapter Lake 12057 Clopper Road,

Germantown TIME: 2:00 p.m.

Charles' family hope you can join them for a memorial and celebration of Charles's life. Charles was a Life member of TU and a long-time member of the SVTU Chapter. He not only served as the Secretary for the Chapter he started and led the Chapter's fly tying classes.

It is requested folks gather around 2 PM on October 11th at the Isaac Walton League of America, a nature preserve where Charles met with his Trout Unlimited Group and taught fly tying classes. Hopefully, the weather will be beautiful and we can spend a casual afternoon at the gazebo by the pond, sharing memories and celebrating his life with his favorite wines and cheeses, and a wander in the woods. If it's raining or cold, the memorial will move to the IWLA Clubhouse @18301 Waring Station Road (where SVTU meetings are held

The family welcomes all to come prepared to speak or tell stories or bring a reading or a song or anything at all you would like to share to help us celebrate his memory. Please send your favorite (digital) photos (or snapshots of your prints) of Charles, if you have them, to SVTU @ svtroutunlimited@gmail.com .

BEAVER CREEK WORK DAY

WHEN: Saturday, October 21st

WHERE: Beaver Creek; meet @ the Beaver Creek

Fly Shop

TIME: 9:00 a.m. - 3:00 p.m.

WHAT: Maintenance work @ the Creek

SVTU has assisted in several stream restoration project on Beaver Creek. You just do not plant the trees and leave them—you have to do maintenance too. This is our annual workday to trim trees, remove tree tubes, install beaver guards, and clean up the area. Bring gloves, pruners, tree saws, wire cutters and a willing attitude! Bring your fishing gear for after-work activities if you have the energy! (Weather backup day October 28 watch the website for updates.)

OCTOBER CHAPTER MEETING / CASTING CLIINIC & COOKOUT

WHEN: SUNDAY, OCTOBER 22nd

WHERE: IWLA Chapter Lake 12057 Clopper Road,

Germantown

TIME: 10:00 a.m.- 2:00 p.m.

WHAT: Casting Clinic and Cookout

You have a tailing loop? We have the cure! Join our FFF-Certified casting instructors as they work with you one-on-one to address your casting "bad habits". We will have a cookout at noon and top the day off with an auction for some great fishing books and gear. It promises to be a fun day and we will raise a little cash for SVTU for future education and restoration projects. Contributions of fishing items for the auction will be accepted as well as cash contributions for lunch.

Please email the Chapter svtroutunlimited@gmail.com so we can have a general idea on the attendance.

CHARLES S. AUGUST MEMORIAL FLY TYING SESSIONS for 2018

WHEN: TBD: January though March

WHERE: IWLA Chapter House, 18301 Waring

Station Road; Germantown TIME: 7:30 – 9:30 p.m.

WHAT: Fly Tying with Chapter Members

We dedicate our annual fly tying sessions to the memory of Charles, a long time board member of our chapter who started and led our past fly tying courses. SVTU is handling the fly tying evenings different this year. Rather than have a structured class with a formal syllabus, we are going to create a fly tying environment for anyone at any skill level. There will be instructors available so assistance is at hand if you need help, but there will not be a formal "class." It will be up to those interested in fly tying to bring ideas, questions, and patterns with them to the class.

THE CURRENT SCHEDULE IS YET TO BE FINALIZED. Check for future emails later in the year and the Chapter website for updates

RECENT 2017 SVTU ACTIVITIES

SVTU held meetings in January, March, April and May.In addition, we sponsored / participated in several or events. These events are highlighted below.

RECAP OF 2017 CHAPTER MEETINGS

• JANUARY CHAPTER MEETING & ELECTION OF OFFICERS

Presenter: Rob Shane, Volunteer Operations Coordinator for National TU.

On January 24, 2017 Rob gave an excellent presentation about TU National. He talked about how important volunteers are, and what TU does across the country.

MARCH:

Presenter:: Alan Heft, Maryland DNR Manager of the Brook Trout Program

On March 28, 2017 Alan gave a very interesting program about the status of Eastern Brook Trout in Maryland and other eastern states and about the Eastern Brook Trout Joint Venture (EBTJV). The EBTJV is a unique partnership between state and federal agencies, regional and local governments, businesses, conservation organizations, academia, scientific societies, and private citizens working toward protecting, restoring and enhancing brook trout populations and their habitats across their native range. Also in attendance was Nathaniel (Nat) Gillespie from the USDA Forest Service in Washington.

APRIL:

SVTU Chapter Board visit to the Stroud Water Research Center, Pennsylvania. April 21, 2017

The SVTU Chapter Board took a special field trip to learn about a unique privately funded center and organization dedicated to long-term research and education about the streams and aquatic communities we all love. On Friday, April 21st, 2017 the Board and invited guests traveled to the Stroud™ Water Research Center (Stroud Center) (https://stroudcenter.org/about/) near Avondale, PA on the banks of the White Clay Creek. We are very thankful to Bernard Sweeney, Ph.D., President and Distinguished Research Scientist and Kristine Lisi, Director of Development for making the visit possible.



The bronze and slate sculpture "Stream Language" by Jeffrey Funk greets visitors in the Stroud Center's courtyard. Behind the sculpture is the log cabin, circa 1720, which Joan and Dick Stroud restored in the 1970s and which now houses visiting scientists.



Our crew pictured in front of the newer section of the Stroud Center. Just visible in the foreground and left background are some of the fish that are part of the Jeffery Funk sculpture. Pictured from left to right: back row: Jackie Megee, Jack Higgins, Noel Gollehon, Leslie Gollehon, and Nate Wallace; middle row: Sarah Wallace, Eve Wallace, Cindy Stevens and Tom Vegella; kneeling in front is Dave Cleaves, who provided these photographs.

Arriving at Stroud Center at 11:30 AM, we were welcomed by Kristine Lisi who described the center and its history. The Stroud Center was founded in 1967 by Ruth Patrick, Ph.D., of the Academy of Natural Sciences in Philadelphia and philanthropists Joan & Dick Stroud. The Stroud Center mission is to advance knowledge and stewardship of freshwater systems through global research, education, and watershed restoration. The Stroud Center still uses the original building which has been expanded greatly over the past 50 years. The first Director of the Stroud Center was Robin Vannote, Ph.D., who devised the original indoor stream and which is still in use to conduct long term stream water research, conceived the

notion that he and Stroud Center colleagues developed into the River Continuum Concept. There was a direct line to the 1948 Conestoga studies, in which Ruth Patrick had broken new ground with her insistence that the diverse biological communities inhabiting a stretch of stream make up a single mosaic. The Stroud Center website provides more detail on the history and impact of the groundbreaking research they've published. You can find it here:

https://stroudcenter.org/continuum/ and https://stroudcenter.org/wp-content/uploads/stroudfirst-fifty-years-history-book.pdf.



Noel Gollehon inspecting a short section of the flume of the indoor stream. We saw fresh water mussels, various vegetation, mayfly and caddis larvae, and other macroinvertebrates.

Kristine introduced us to David Arscott, Ph.D., Vice President and Executive Director who explained the research the Stroud Center does and took us outside to tour the research and instrumentation on White Clay Creek. In the wooded section of the stream that had been cleared of invasives. Dave showed instrumentation used to monitor water temperature, chemistry, turbidity, flow, and other variables, using inexpensive, wireless sensors based on open source technology. Implementing large-scale sensor deployment for watershed assessment has been limited by the high costs of the datalogging and communication infrastructure, but the Stroud Center is overcoming these obstacles to large near-real-time data collection networks by using Arduino, an open source electronics platform. This open source technology allows any organization to better use its financial resources and focus on installing more sensors for greater spatial coverage. Stroud Center researchers are sharing their experiences with

these wireless sensor networks in an online community, so that anyone can implement their own versions of the instrumentation and in turn share their experiences and progress.

www.EnviroDIY.org

Dave took us into the open meadow section of the stream and described how the stream temperature increased 3°F in only 100 yards downstream from the tree canopy. He also showed how the stream banks and bottom changed markedly from a wider channel to a narrower channel and from sloping banks to nearly vertical banks, and how the course of the stream became more sinuous.



Dave

Arscott discussing the open sourced stream monitoring technologies (certain configurations pictured).

Dave took us top see other instrumentation based on proprietary and very expensive technologies. He described how the research center combined the proprietary and inexpensive open-source technologies to accomplish their goals on a fixed budget.



Dave Arscott discussing the differences in White Clay Creek between the tree canopied and open meadow sections.

After lunch, Kristine took us on a tour of the research and educational facilities, including the current and original indoor streams, conference rooms, labs, office space, and library. Several

busloads of school children were also touring the facilities and were engaged in educational exercises while we were there. We looked in on one classroom of youngsters and were heartened by the engagement and enthusiasm. Whenever you can introduce children to science and the outdoors the increased enthusiasm for science and nature is a good thing.

Our group agreed that the visit was a tremendous success an d that we should consider making it an annual event. We would like to invite other conservation-minded people and organizations on our next visits.



Some of the school children returning from touring the forested section of the White Clay Creek.



Newer (LEED Platinum certified) buildings of the Stroud Center with the mayfly sculpture visible next to the flowering redbud.



Detail of the mayfly sculpture outside the Stroud Center

Fly Fishing 101, Learn to fly fish: April 29, 2017

As is the custom, we hold our annual FF 101 session in April in lieu of a formal Chapter meeting. About two dozen students participated in the 4th annual SVTU sponsored Fly Fishing 101, Learn to Fly Fish class on April 29, 2017. The students went through a half-day class that included sessions on entomology and flies, rigging and knots, steam and lake techniques, and casting instruction with our two certified FFF fly casting instructors. The session started with lunch of grilled burgers with all the fixings. All had a great time, both the instructors and students. SVTU has sponsored a learn to fly fish course for the past several years to help introduce the sport of fly fishing to those that have interest but do not know where or how to start. It is an intensive half-day session that covers the basics across the range of subjects to successfully fish on your own. It will not make you and expert, but it will get you started. Look for our course next spring for you, your partner, or your kids or grandkids. I guarantee you will learn a lot!



Knot tying demonstration



More knot tying



Entomology presentation



Flies galore.

MAY

Presenter:: SVTU Chapter members Fly Fishing 102: "Tie One On"

As a follow-up to our Fly Fishing 101 on Saturday, April 29, we continued on the topic of knot tying with **Fly Fishing 102: "Tie One On"** The presentations at the FF101 event were well received and folks clamored for a "repeat performance".

CONSERVATION PROGRAMS IN 2017:

TROUT IN THE CLASSROOM

Several members of the Chapter supported the Trout In the Classroom (TIC) egg distribution of eggs to schools in the Chapter area and release of the hatched fingerlings throughout the area during the spring.

BENEFITS OF RAINY DAY TROUT FISHING

The benefits of rain to fishing are many. Rain will revitalize a stream, increasing flow that adds oxygen and removes pollutants as well as mixing stagnant water. These benefits prove especially true for freestone streams, as limestone streams. and tailwaters are less affected by the rain. While the stream is profiting from the rainfall, the fisherman can take advantage of the opportunity if he is willing to withstand the rain. Rain will disturb the water though the increased flow and droplets. With the accompanying cloud cover, the mottled water will increase a fish's sense of safety and move them out from protective cover into the feeding lanes. That is your opportunity. Once Greg and I were fishing Codorus Creek in January after a heavy rainfall and snowmelt. The water was very muddy. Greg was nymphing with a green weenie downstream from a large pool where the creek narrowed into a prime feeding lane. Apparently, the fish felt comfortable in that run with the conditions and soon Greg was rewarded with a 27-inch brown trout.

When considering fishing in the rain, think of the rain mostly in terms of intensity, that is light, moderate, and heavy.

Light rain is beneficial from the standpoint of providing some cover for an angler's approach. The rain can create many dimples (mostly from dripping off of trees) on the water that make it hard to spot rising fish but it will also lessen the ability of the fish to see the angler. The combination of disturbed water and the reduced visibility will allow a fisherman to get nearer to the fish. The drips and raindrops will also tend to make dry fly fishing more of a problem. Aside from the difficulty seeing the fly and takes, the rain will reduce buoyancy and the useful drift of the fly. Once the rain has this effect, it is time to change to wet flies, nymphs or streamers.

Moderate rain, some steady rain with maybe an occasional downpour, while uncomfortable, can lead to some memorable fishing. Add a little wind and these conditions can really get the terrestrial activity going. While the conditions can affect

many different types of terrestrials, ants seem especially prone to washing into the streams and sinking into the current. I particularly remember a time on one of my favorite streams, Monocacy creek in Bethlehem Pa. I was fishing when a heavy thunderstorm hit. I happened to be fishing below a large tree that was lying across the creek, which I soon determined was a main pathway for ants. I observed the rain washing some of the ants into the creek and instantly sinking them. The cloudy and chalky limestone water made seeing the fish impossible but I decided to tie on a sunken ant. Apparently the wild browns had set up right downstream because my sunken black ant worked well enough to pick off over a half dozen of those usually wary fish. Reminds me of one of my Dad's favorite sayings - timing is everything!

Heavy rain will muddy waters even worse, compounded by increased, often very fast flows. In these conditions it might be time to beef up your tippet and dig out the streamers as the color of the water and speed of the flow can make it difficult to fish even heavily weighted nymphs. I have experienced a number of times when difficult trout will attack streamers in cloudy water when normally they would not give them a look. Years ago. Ron and I were fishing on the famous Fisherman's Paradise section of Spring Creek in Pa. After about a half hour, I think I managed to fool one nice fish on a scud. Then the skies opened up, the creek muddied up and we headed for the van. I was ready to call it guits but Ron saw a guy fishing in the downpour and went to talk to him. Typical Ronnie! He came back to get me and the streamer boxes. I forget how many of those normally tough fish we fooled with Clouser minnows and wooly buggers. We had an extra bonus too because the storm stopped and the upper part of the stream cleared for an evening of great caddis and sulphur surface action. I also had a few similar experiences on the old Heritage FFO (fly fishing only) section of the Little Lehigh in Allentown Pa., another very heavily fished stream with wild finicky trout.

In Maryland, the Gunpowder, even though it is a tailwater, can present these kinds of conditions. But beware, when the dam overflows or there is a large release and the whole river muddies up it

usually is at levels that are unsafe to fish. Be sure to be on the correct side of the river and pay attention to the water levels. Don't get stranded away from your car. A better tactic might be to check where tributaries feed into the river. I caught one of my biggest Gunpowder brown trout at the junction of the feeder at Masemore Road on a black wooly bugger. I was retrieving it along the muddy seam feeding into the clear water of the main river. Another larger tributary that could add cloudy water is Little Falls, further downstream. I haven't spent too much time down there in search of the right conditions but I may try in the future. Big Hunting Creek and Beaver Creek both have the potential for conditions that can make tough trout a bit less wary and more catchable. However, Big Hunting, being a tailwater with no real good tributaries, is harder to find with cloudy water.

A safety and comfort note about fishing in the rain, know the basic depths and layout of the stream you will fish, wade extra carefully and make sure your rain jacket has tight fitting cuffs because that water will run down your rod, then your hand and then get your whole arm wet and then maybe more. Been there! When that happens, it may be time to grab a beer and plan your next outing. So if you can stand possibly being a bit uncomfortable, rainy day fishing can offer some great opportunities. A more comfortable alternative might be to watch for a heavy enough rain and go after it stops or at least lightens up a bit.

- Submitted by: Dale Thatcher, SVTU Chapter Board member and very avid Fly-fisherman! (Note: Thanks to Greg Cwalina for some editing and fact checking and thanks to Ron Uleck for some great memories.)

SVTU IS PARTNERED WITH CAUSE NETWORK AND AMAZON SMILE

CAUSE NETWORK:

Cause Network is marketplace where up to 10% of every purchase you make through

http://svtu.causenetwork.com (at no cost to you) helps fund our education programs and stream improvement projects. There are over 1,000 stores participating in the CauseNetwork program—including many of the brand names you know and love. When you click one of the links below, you will be directed to our CauseNetwork site. It is easy to help. Below are three different ways to support SVTU when you shop online.

- 1. Click the SHOP buttons on our CauseNetwork website: http://svtu.causenetwork.com
- Download your version of the CauseNetwork Mobile App: http://svtu.causenetwork.com/mobile
- Open the app and select a cause
- SVTU can be found under the following category: Environmental Protection
- Scroll down and select Seneca Valley Trout Unlimited (#369)
- Complete registration
- 3. Use our Web App:

http://svtu.causenetwork.com/webapp

There's never been an easier way to help us. Visit http://svtu.causenetwork.com to get started. We thank you for your support.

Watch the video to <u>learn more about how</u> CauseNetwork works.

AMAZON SMILE:

SVTU is part AmazonSmile. If you shop through Amazon, please select us for your Smile cause at smile.amazon.com and Amazon will donate to SVTU as well.

SVTU WEBSITE www.senecavalleytu.org.

The website is the primary manner in which we can reach all friends of the Chapter. Check it out for info on upcoming events/activities. The website also includes:

- summaries of past Chapter meetings and events
- information regarding our conservation efforts on Beaver Creek, the community and other area
- past issues of the SVTU Chapter newsletters
- excellent maps of regularly fished Maryland streams
- "The Adaptive Caster" :informative articles by Chapter member
- Links to websites for National and other Chapter information; conservation efforts; Maryland DNR;

and other informative information regarding insect life and local hatches.

Check it out, we add information regularly for your reading pleasure!

SVTU EMAIL COMMUNICATION

This system is a secure opt-in email alert and event invitation system that is used only by the Chapter for functions that we sponsor or support. This service, along with the Chapter's website, provides up to the minute details of upcoming activities.

If you wish to opt-in or opt-out please contact the Chapter @ svtroutunlimited@gmail.com.

EDITOR'S NOTE

If you have articles, photos, fish stories, fishing/stream reports, that you think might be appropriate for inclusion in the newsletter or the website, send an email to me @ wjunium1@hotmail.com or to the Chapter @svtroutunlimited@gmail.com

Tight lines and we hope to see you at future meetings and events!