

**Mason – Griffith Founders Chapter of Trout Unlimited
Winter 2020 – Newsletter**

President's Message

Greetings Members,

The last day of November 2020. Temperature 29 degrees, winds out of the north at 15 to 20 mph....wind chill....well not quite to the single digits. Just took my 5-year-old pup for a walk; inside warming my fingers and she earnestly barks. Let her out and she runs to let the lone canoer going by proving she does not miss a thing that happens in her world. Pretty much a typical morning, except for the canoe on the river.

Mason-Griffith Founders has gone forward with our river restoration efforts this year. The Northpoint Fisheries Management Crew finished the restoration work on the Maghielse Property on the Headwaters of the Au Sable. See the article in the newsletter.

Looking to the future, the Board of Directors decided to work with USGS and Frederic Township to have a USGS stream gage and temperature monitor installed on the Upper Manistee near the M-72 Bridge. I have a small story about this, other than the BOD decided to go ahead and then worry about raising funds. A few weeks ago, I went to the USGS website for the Manistee River Gage to look at what was happening with the river. There is a function where you can plot up to three stream gages or temperature monitors on the same graph. I decided to compare the Upper Manistee to the North Branch at Kellogg Bridge. It was amazing how close the data tracked. So why the fish decline in the North Branch? Not a significant difference in the rivers temperatures. Where are our DNR experts?

If you remember a number of years ago, USGS was going to remove the stream gage from Smith Bridge. The public provided valuable input into continuation of this stream gage. As we all know the South Branch has wildly different conditions in different locations, dependent on Lake St. Helen. MGFTU was approached about a temperature monitor at Smith Bridge, and then the possibility of a temperature monitor at Chase Bridge. USGS gets the most inquiries about a temperature monitor at Smith Bridge. The Smith Bridge temperature monitor was installed in October. The Chase Bridge temperature monitor will be installed in the spring.

MGFTU was fortunate to obtain a grant to fund the stream gage and temperature monitor for the North Branch. Partner funding carried the project to the point where DNR funds could become available. USGS on the Manistee and South Branch are on MGFTU's dime. We need assistance.

Redd surveys have been part of our evaluation of stream habitat work, and are usually conducted in early November. The canoeist I saw on the last day of November (thanks to Mika, my loyal dog) was a dedicated volunteer and BOD member, Steve Sendek. Although he had been enjoying retirement for six weeks out west, he came back and on the last day of November did a "late" redd survey on the Headwaters of the Au Sable. Why? To continue to evaluate work that has been done and the effect and value to the river. These surveys show that what we have been doing has been working, on the Headwaters! Part of the lesson is patience....don't expect results in one or two years. It takes time for nature to heal, for the river to recover, to see more redds, more fish. We have seen great results! This work is so rewarding for those who wait.

Please look at the list of projects the chapter has accomplished over the last 10 years and consider a tax-deductible donation to the chapter.

Karen Harrison

Maghielse Tract Restoration – Sue Warrington
(originally in the Crawford County Avalanche)

For most of the last decade the Mason-Griffith Founders Chapter of Trout Unlimited (MGFTU) has been the driving force in the restoration and improvement of the headwaters of the Au Sable River from Batterson Road, just south of Frederic, to M-72 near Skip's Sport Shop west of Grayling. Each individual project was designed to increase the population of all species that inhabit a healthy river.

Steve Sendek, a retired Department of Natural Resources fisheries biologist, has been instrumental in planning the improvements for all of the projects. Due to his vast experience Sendek knows what works to improve the health of rivers. Sendek, owner of North Point Fisheries Management, and his crews, composed of both local workers and university students majoring in fisheries and wildlife management, have worked on all of the projects.

A comprehensive evaluation of the headwaters was done to allow for a prioritization of each individual project. Once accomplished the first section to be improved was the Williams Tract which runs from the Maghielse property to Pollack Bridge. It was selected as the first part of the entire project for two reasons. First, one dam, the Salling Dam, had been removed and a second one in Grayling, had been lowered which allowed trout to move upstream. Second, the river in that area had been neglected for a long time and it appeared to have a lot of potential to become a good trout stream. The second project was from Pollack Bridge south to M-72 to continue improving the river down past the old mill pond (Salling Dam) to near Skip's. The goal was to increase the number of fish and the macroinvertebrates, which fish feed on, to enhance the survival rate for both. The third project was improving the headwaters from Batterson Road to the McArthur Tract. Each of these projects took one to two years to be completed.

The fourth and final headwaters restoration project involved the Maghielse Tract. Discussions about improving this particular section of the river began in 2017 and planning for the final portion of this project began in the fall of 2018. This particular section of the river had been owned by the Maghielse family since 1925 and was sold to the State of Michigan in the spring of 2019. The property which is on both sides of the river covers approximately 1.5 river miles and a thousand acres of land. After the DNR permits were issued, work began in the spring of 2019 and was completed in the summer of 2020.

The project started at the northern edge of the Maghielse Property where the river was approximately 40 feet wide and two feet deep. The goal to make the river narrower and deeper to provide places for all species including crayfish, minnows and full-grown fish to survive and thrive, was accomplished by adding cover in the river in the form of logs and/or small man-made structures. This resulted in the river became narrower, making it harder for predators to be successful. In areas where sand had covered most of the gravel beds on the river bottom, the sand has moved, because of structure placement, to provide more successful spawning. The structures also provided more and better cover with more food for the small fish enhancing their growth and survival. Many species of insects, which provide food for other species including trout, also depend on gravel beds for the successful continuation of their species.

Sendek reported that MGFTU continues to conduct studies in the previously restored areas of the river. Insect counts and fish shocking surveys near Pollack Bridge both before and three years after restoration have found the number of trout increased by 56 percent and that not only were there more trout but there were more big trout. The aquatic insect population, the trout food, also increased in score from fair to excellent.

MGFTU actively sought and was able to find the funding and ensure that the effort to improve the headwaters of the Au Sable River would come to fruition. Although grants helped fund the earlier projects, MGFTU provided all of the funding for the restoration of the Maghielse Property from fundraising efforts and donations from those who love the river and what it represents.

Habitat Improvement Projects – Upper Au Sable & East Branch of the Au Sable - Steve Sendek

Maghielse Tract: In the summer of 2020, on the upper Au Sable in the Maghielse Tract, 35 structures were installed by the work crew. This, in addition to the structures installed in 2019, completed the restoration plan for this reach of river. The headwaters of the Au Sable from Batterson Road to below M-72, as noted in the article above, has been restored except for the MacArthur Tract.

The MacArthur Tract, located above the Maghielse Tract and about 1000 acres of land on both sides of approximately 2.5 miles of river, has a serious sand issue and needs attention. A plan to mitigate the sand needs to be carefully formulated. As note in the above article, the headwaters of the Au Sable from Batterson road to the stump pond in Grayling has largely been restored. Monitoring of the impact on the river will continue.

East Branch Improvements: A plan for installing fishing friendly structures below the Fish Hatchery on the East Branch to the confluence with the mainstream is being developed. Fishing friendly means easy access and structures tailored for easy casting for children, as well as, the disabled. This plan may possibly include part of the township park upstream from the Hatchery. Mason-Griffith looks forward to partnering with Crawford County, Grayling Township, Crawford County Schools, Crawford County Library, Grayling and Munson Medical Center to develop a plan and work within county and township recreational goals. Keep tuned for more on this project

Nuisance Beaver Management: Several beaver dams were removed from the Middle Branch of Big Creek during 2020. **Be aware of beaver activity:** River users should be aware of and report beaver activity. If you carry a GPS device, when you remember, take a reading where beaver activity is seen. This information should be passed on to a Mason-Griffith TU board member or advisor.

Habitat Improvement Projects – Manistee – Jim Anderson

Manistee River update from UMRA (Upper Manistee River Association)

The year 2020 has not allowed a lot of habitat work to be completed. The pandemic has negatively impacted all of us in many ways. UMRA planned to finish the final 26 structures from their last HIA Grant. Unfortunately, that wasn't accomplished. Eleven (11) structures were targeted and those were completed. The remaining 15 structures will hopefully be completed during summer 2021.

The DNR equipment crew, out of Grawn, MI., were planning to revisit the CCC and Tree Farm boat slides. Those two slides have been permitted for redesign work which will shorten the length of each slide as well as contour the adjacent area to prevent erosion issues. The crew has the funding for each site and their plan is to get that work done during summer 2021.

UMRA, as well as MGFTU, is involved with the large MITU project targeted at the reach from Yellow Trees to CCC Bridge. Much planning has taken place and initial work will begin during summer 2021. Permits are in place thanks to MITU.

UMRA and the Camp Grayling Environmental Office have continued to partner with work on Portage Creek. This past summer a crew completed erosion mitigation and some habitat work on the Creek. Future work will focus on the lower 1/3 of Portage Creek where there is some gravel and spawning is taking place. Efforts will be to provide more habitat cover and mitigating sand issues for the protection of the spawning areas.

Volunteer Projects – Bob Andrus

In 2020 the Chapter volunteers conducted only a couple of projects. In the Deward Tract along the upper Manistee River, volunteers repaired and replaced 75 cedar tree cages. The emergency project was necessary to ensure that deer wouldn't devour cedars that had grown out the tops of the four-foot-tall cages. Temperature loggers were also deployed in the Au Sable watershed.

MGFTU Chapter Volunteer Projects and Surveys for 2021: Hopefully by next spring the Chapter will be able to resume its Volunteer Projects and Surveys program or at least conduct some of them. Chapter projects and surveys planned for next year will include revisiting the oak seedling planting at the TU Knight Tract on the Au Sable, placing temperature loggers in numerous locations in the river, conducting insect surveys at four sites, river access maintenance, workday with the Chapter summer work crew, complete the cedar tree maintenance work in Deward, and the Au Sable River Brown Trout redd surveys.

The Chapter is always looking for additions volunteers able to assist on these projects. If you interested please contact randrus45@gmail.com

Youth Activities – Jim Wilkinson

Youth fly tying was held in early 2020 until the lock-down. In that time, the Grayling Fishing Club held a session to design a club t-shirt. All drawings were considered and incorporated into a final product. T-shirts were produced by Xpress Copy and distributed to the youth in the fishing club. After that youth activities have been nearly non-existent. One outdoor activity, a fly-tying class, was conducted by Brad Wagner, an instructor in the Middle School, using materials supplied by MGFTU.

North Branch Trout Population Decline – Gerry Lake

Declining Trout Survival in the North Branch

We've Been Here Before

From the Historical Records

Dams No. 01, 02 and 04 were built in 1860¹. Brown trout were planted into the Au Sable river in 1877 – 1891 and Brook trout in 1885². Mershon's harvest report for the North Branch in 1910 season was 29516 trout³. The clear cutting of trees along the North Branch eliminated bird predation by eliminating perches. Insect populations were prolific.

Circa 1920: DNR Fisheries: "Maintaining trout fishing at its former standard of excellence is proving to be a serious problem. Some thought must be given to the welfare of the fish after planting, and attention given to improving the habitat. We can no longer depend merely on stocking, because if conditions in the stream itself are not favorable, we cannot hope to be successful in obtaining large numbers of fish of suitable size."⁴ MDNR Fisheries Biologist Carl L. Hubb was assigned to the task of developing a plan to convert the trout rivers to natural reproduction, beginning in Lovells on the North Branch. October 29, 1924 field note by Carl L. Hubb at Lovells: "Brown trout and numbers of Brook trout spawning". In year 2020 the target date for the Brown trout redd survey remains the end of October.

"Deforestation and lumbering practices have nearly ruined many of our streams. The former has removed shade and cover and has caused quick runoffs which are carrying immense quantities of ruinous sand into the streams every year, covering over the spawning beds and food production areas"⁴.

"More time to recreate, improved transportation, the building of better roads, the improving fishing tackle had created many enthusiastic fishermen". "Trout streams themselves were rapidly declining in production and in carrying capacity".

The Transition from Planting Trout to Natural Reproduction

"The idea of stream improvement was born in Michigan in 1930. Lack of money caused a slow start: however, a fairy godmother came in the form of the Civilian Conservation Corporation. This improvement of Michigan trout streams is being attempted by the introduction of various types of barriers, hides and covers". "These devices are modelled after those made naturally to provide shade and cover and to increase food production and exposing gravel for spawning"⁴. "The need now is for perfection of placements and construction methods for proven barrier types rather than further large-scale experimentation with new types. Wing deflectors fared best"⁵.

Wing deflectors 22 ft long were determined most productive. Wing deflectors installed at 30n degrees to 45 degrees at the bank puts the current to work to maintain a clean gravel substrate on the upstream side for food production and reproduction. The deepened riffles below are all attractive to fish. On the lee, downstream side of the deflector, silt beds and weed beds are produced in the quiet water to provide shelter as well as food. The emerging fry lacks mobility for 14 days⁶ and is dependent upon the eddy current to carry it to the silt habitat, where it

resides on the bottom for 28 days, feeding on zooplankton and other small invertebrates. The inherent dynamics of wing deflectors helps to increase the probability of successful reproduction and recruitment.

Wing deflectors directed the current towards the middle of the stream and deflectors, often at the heads of islands, in the middle of the stream, directed the current back to its banks. This repetitive process helped to create pools and riffles with a mix of water velocities that produced the benefits from a meandering stream as opposed to a channeled, ditch like stream. Most bank wing deflectors have disappeared, but some remnants exist at islands on the North Branch.

As traditional spawning locations have been lost to blankets of sand, spawning beds are being located more to mid-stream and a considerable distance from silt beds that emerging fry need to access. A first glance experiment revealed that the emerged fry would have to drift about ¼ mile before resting into a silt bed.

Circumstances surrounding the contingencies and needs for 28 days after the fry emerges from the gravel, merits scientific investigation into recruitment deficiency on the North Branch.

Constantly declining food production reduces the carrying capacity and eventually, malnutrition can delay sexual maturity. The daylight activities of Brook trout and a one year delay in achieving sexual maturity increases the probability of Brook trout succumbing to bird predation before fall spawning.

As the Brook trout population significantly decreased, Brook trout schooled up into pods, and the trend is to spawn on colony redds as opposed to single redds. In view of circumstances surrounding the North Branch Brook trout, the “Strength in numbers” adage suggests colony redds may be the most productive for now.

This article is submitted with wisdom from the past, an awareness of the present and with respect for the future.

References (1 through 6) available upon request.

Below Mio – Thomas Buhr

Anglers of the Au Sable put in eleven monofilament line recycle stations below Mio last fall. The stations were placed at several sites from the MDOT Access at M-33 to the launch at 4001 Bridge. These stations will be serviced twice each summer. It's likely that a few more stations will be placed in 2021. Terry Lyons built the stations and Ted Pitch, Bernie Campos, Luis



Campos, Boyd Dillon and Jon Hunter and Thomas Buhr installed them. We thank the US Forest Service for approving this plan.

Keep an eye out for these stations when fishing down below and see that others know of them. There is nothing more annoying that to hang up on a wad of monofilament with your streamer. The fish, furry critters and birds don't like the mono either.

MGFTU is Caring for the River...One Cedar at a Time – Howard Johnson

Mason-Griffith Founders TU (MGFTU) has been a supporter and participant of the Au Sable River Property Owners Association's Cedars for the Au Sable (CFAS) cedar tree planting and protection project since the very beginning of the project in 1997. The relationship began with their annual financial support to subsidize the cost of cedar seedlings and cage material for the cedar seedlings that private property owners plant on both the Au Sable and Manistee rivers. This support is very much appreciated and continues today.

The MGFTU chapter adopted a two-mile section of the South Branch of the Au Sable River, collaborating with the Headwaters Chapter of TU in 2004 to plant and protect a total of 250 cedars within the Mason Tract. Each year, for five consecutive years, chapter volunteer members gathered to plant cedar seedlings at Downey's Stairs and the Wall. MGFTU chapter members continue to help each fall with annual maintenance work on their site, and other's sites, by replacing smaller cages with larger ones to better protect the maturing cedars. This partnership program included five river conservation planting-partners coordinated by MDNR-Forestry Unit in Grayling, Huron Pines RC&D, and Cedars for the Au Sable to help begin the reforestation of native Northern White-cedars on the South Branch. The cedars along the riverbank provide needed shade to maintain the cold-water fishery of the river. The presence of the cedar sweepers at the water line provides protection for the fish, increases the amount of large woody debris in the water, as well as the preservation of the riverbank by locking in the soil.

Several of the chapter's members assisted Grayling High School students in 2004 with a cedar planting on the South Branch at Chase Bridge. The plantings were three half-day outings for fourteen students planting 50 cedar seedlings. Those trees continue to grow nicely today.



Marie Harrington planting one of her many cedars



In 2008, the chapter volunteers planted 30 new seedlings in the newly exposed planting sites in the Mill Pond, upstream of the dam in Grayling. The water level had been recently lowered to provide the new planting sites. The planting went well...however, the trees did not.

Steve Sendek, Bob Andrus, Mark Rais and Jim Wilkerson planting a few Northern White Cedars

Beginning in 2011 and continuing through 2015, chapter volunteers began a cedar planting project on the upper Manistee, in the Deward area. A total of 250 cedar seedlings were planted in their reach over the five years. This past fall, as has been done on two other earlier occasions, chapter members have completed the maintenance work of installing larger cages to protect the growing cedar trees. This planting on state land is coordinated with MDNR of Grayling and CFAS.



MGFTU chapter members planting cedars on the upper Manistee River

Currently, the chapter volunteers are planting on the upper Au Sable on state owned land within the Williams Tract. To date, three-50 cedar seedling plantings have been completed in the spring, with two more plantings planned in the following years.

Over the past twenty years, chapter members Bob Andrus, Marie Harrington and David Smith were influential in coordinating the planting activities, however hundreds of chapter volunteers have freely given their time and talent to help restore native Northern White-cedars on the Au Sable and Manistee rivers. Each of you deserve the thanks and appreciation from all the river users for a job well done.

Submitted by Howard N. Johnson, Chairman Cedars for the Au Sable

Other Topics

USGS Monitoring - In the fall of 2019, MGFTU worked with USGS to install a stream gage and temperature monitor on the NB of the Au Sable at Kellogg Bridge. To accomplish this and receive matching funds from USGS we worked with Lovells Township. Initial funding was also provided by partners such as the Au Sable North Branch Area Foundation, the Au Sable River Property Owners Association and Anglers of the Au Sable. MGFTU, with the support of the DNR, applied for a Fisheries Habitat Grant to cover some of the costs, and this was awarded in September of 2020.

In support of the efforts for restoration work on the Upper Manistee (see the article by Jim Anderson, above), the MGFTU BOD elected to have a USGS stream gage and temperature monitor installed on the Upper Manistee at M-72, a historical data site for USGS, in September 2020. This was in conjunction with Frederic Township to allow USGS to give matching funds.

As noted in the President's message, a USGS temperature monitor was installed in October 2020 at Smith Bridge. This was done in conjunction with South Branch Township. The temperature monitor at Chase Bridge will be installed in the spring of 2021.

When you get a chance, please visit the USGS website and look for these stream gages. The number for the gage on the NB is: 04135800; the gage on the Manistee: 04123500 and the gage at Smith Bridge: 04135700. There is a function where you can look at flow, discharge and temperature data for up to 3 stations on one graph. Just put in the gage number and remember to hit GO. Something to play with on a long winter day.

Annual Meeting - There will be no Annual Meeting in 2021. We usually reelect BOD members whose term has expired at this meeting. This year we have 4 BOD members up for re-election: Mark Hendricks, Steve Sendek, Jim Wilkinson and Gary Vetter. They have all indicated they would be willing to serve for another 3 years.

Given the unusual circumstance of this year, the election of directors and officers will be made at the January board meeting.

Awards are usually given at the Annual Meeting also. The awards have been shipped to the recipients. The awardees are:

Brook Trout Award – Carol Vidrio – “In recognition and appreciation of your dedication to the improvement, health and beauty of the Au Sable river and exceptional assistance with Chapter Banquets.

Rainbow Trout Award – Friends of the Mason Tract – “In recognition of the organization’s dedication to and support of the Mason Tract on the Au Sable River.”

Brown Trout Award - Angels Brennan – “In recognition of your advice, support and dedication to the preservation and restoration of the Upper Au Sable and Manistee Rivers.”

New Website - MGFTU has a new look at the same website address:

www.MasonGriffithTu.org Our deepest appreciation goes out to John Porteous for helping set this up. The website has been streamlined, so let us know what you would like to see there. Send suggestions to: info@MasonGriffithTu.org

Facebook - As you might have noticed, a new feature on the MGFTU Facebook page has been a short video of the Sunday morning Holy Water. Hope everyone is enjoying this and they can thank Marie Harrington when you see her. There have been other news worthy items posted, so again, let us know what you would like to see. Send suggestions to: info@MasonGriffithTu.org

Banquet - As we all know, there was no banquet in the fall of 2020. We do have a date reserved at Kirtland, September 25, 2021 for a banquet. Only time will tell if this will happen. At one point in time Kirtland indicated that the two rooms that we use for the banquet were limited to 50 people and all food was pre-packaged.

We need benefactors to advance our projects, please consider a donation, maybe what you would have spent at a banquet?

Fund Raising - Donor Solicitation

An effort is being made to directly solicit large donors to fund future projects in view of the increased competition for grants provided by the State. An overview of the dollar amounts involved in past and near future projects has been put together and made into an information card that can be used to introduce potential donors to our project history. The business side of the card shows:

Mason-Griffith Founders Chapter of Trout Unlimited

MGFTU river habitat work started in 2010 with smaller projects like removal of the former dam site below CR-612 in Frederic (2012) to construction of a lunger structure at Pollack Bridge (2010). The following sections of the Au Sable have had habitat improvement work and been funded by grants, partner funds, and in-kind work. In-kind work is all that YOU do for the river, insect surveys, red surveys, fence repair, landing reconstruction, etc. In-kind is a big part of grant applications. So, what has the MGFTU Chapter done:

2013 -2017 - Habitat Improvement on the Headwaters of the Au Sable from the Williams Tract to M-72.

Grants received from Michigan Habitat Improvement Account (HIA) Funds: \$188,635 In-Kind Contributions: \$93,167

2013 – 2016 - Structure repair and refurbish of Au Sable mainstream structures that were originally installed by CCC.

Michigan HIA Grant: \$180,936
In-Kind Contributions: \$51,035

2016 – 2019 – Habitat and stream improvement on West Branch of Big Creek above CR-612 in Lovells

Michigan HIA Grant: \$165,085
In-Kind: \$45,480 Matching Partner Funds: \$34,250

2017 – Work Crew mapped tributaries to the Upper Au Sable and Upper Manistee Rivers to assist in planning for future river work.

Michigan HIA Grant: \$30,490 In-Kind: \$13,280

2018 – Habitat improvement on the 1.25 miles of the Headwaters of the Au Sable below Batterson Road.

MGFTU Funds: \$40,802

2018 – USGS placed semi-permeable membranes in the North Branch of the Au Sable for extensive chemical analysis as part of identification of factors leading to the decline in fish.

MGFTU and Partner funding: \$25,750
USGS Match: \$25,750

2019 – 2020 – Habitat improvement on the Headwaters of the Au Sable – DNR newly acquired Maghielse Tract

MGFTU Funds: \$57,283

2019 – 2023 – USGS Stream Gage and Temperature Monitor installed on the NB of the Au Sable at Kellogg Bridge

MGFTU and Partner Funding for first year, USGS Matching Funds and the HIA Funding

2020 - 2023 – USGS Stream Gage and Temperature Monitor installed in August at M-72 on the Upper Manistee River.

USGS Matching Funds: \$11,900
Funds committed by MGFTU: \$62,028

2020 – 2023 – Temperature Monitor installed at Smith Bridge on the South Branch of the Au Sable in September 2020 and a Temperature Monitor will be installed at Chase Bridge in the spring of 2021.

USGS Matching Funds: \$5,300
Funds committed by MGFTU: \$24,115

Please consider donating today!



The information card showing the projects, spending and monetary sources for the period 2013 through 2023 and was put together by Jim Anderson, Bruce Patrick and Steve Johnson. The cards will be distributed to local businesses, as well as, being used as introductory information when contacting potential donors.

Action Items to Assist MGFTU

1. Buy on Smile Amazon and designate Mason-Griffith as your non-profit
2. Look into matching funds from an employer
3. Look into employer contribution for volunteer hours
4. Consider making a tax-deductible contribution
5. If you are required to make minimum IRA distribution, consider a non-taxed donation to MGFTU
6. Send suggestions/comment to: info@MasonGriffithTU.org

Donations can be sent to: Mason-Griffith Founders TU, P.O. Box 502, Grayling, MI 49738

Your Donations

Monetary Donors in 2020:

Tom Brookover	Ken Buchler	Larry Cory
Richard Foley	Karen Harrison	Tom Jennette
Richard Knight	Jim and Sarah Lawless	John Lindsay
Clayton Lucey	Bruce Patrick	Tad H. Randolph
Recreation Fishing Club	Dr. Ralph Rucinski	V. Carl Shaner
Neil Wallace		

In Memoriam: Nancy Lemmon in Memory of David Lemmon

We also want to thank all of those who gave their time and energy for projects.

Want to volunteer? Let us know! Become a member of the Board of Directors? Help monitor for and write grants? Serve on a committee: Membership, Conservation, etc? Write articles for the website/newsletter? Send a communication to: info@masongriffithtu.org

Newsletter Contributors

Karen Harrison, Sue Warrington, Steve Sendek, Jim Anderson, Bob Andrus, Jim Wilkinson, Gerry Lake, Thomas Buhr, Steve Johnson and Howard Johnson.

Newsletter Editor: Steve Johnson

Officers/ Directors/ Advisors

Officers

Karen Harrison – President
David Smith – Vice President
Gary Vetter – Treasurer
Mark Hendricks – Secretary

Directors

Jim Anderson
Boyd Dillon
Steve Johnson
Gerry Lake
Mark Rais
Jim Renn
Steve Sendek
Nick Sendek
Jim Wilkerson

Advisors

Bob Andrus
Thomas Buhr
Howard N. Johnson
Peter Jones
Paul Mesack
Andy Partlo
Bruce Patrick
Dick Buss

**MGFTU
P.O. Box 502
Grayling, MI 49738**