



WISCONSIN Trout Unlimited

WINTER 1979 NEWSLETTER

ROY McDONALD - STATE MEMBERSHIP CHAIRMAN

Roy, Wisconsin T.U.'s longest continuous member died November 12, 1978.

Wisconsin T.U. is a larger and stronger organization today because of Mac's many long years of diligent service. He helped form the Southern Wi. Chapter and a year later helped form the Wi. State Council. By serving in various capacities at both the Chapter and Council levels, Mac helped insure their survival and growth. Perhaps his greatest service came as Council Membership Chairman.

Throughout his 20 years of continuous service for Trout Unlimited, Mac never stepped into the limelight by design. He was nonetheless known and admired by many fellow T.U.'ers around the state who, as I, counted Mac as a friend.

Thomas J. Spokovich
Chairman-Wi. Trout Unlimited

STATE COUNCIL MEETING

The Winter State Council meeting will be held at U.W. Stevens Point. The meeting room is the Red Room in the Student Union. Parking is available at the University Center Parking Lot. The scheduled time for the business meeting is 10:30 - 4:00.

Please be on time!

HIGHLIGHTS OF THE 1978 ANNUAL REPORT

Business operations of Trout Unlimited remained stable during the last half of 1978 with strong indications for improvement in the first quarter of 1979. Highlights include:

- Signing of a 3-year environmental advisor contract with the Virginia Department of Highways and Transportation (I-66) for \$161,833.00 (to be paid in monthly installments), and hiring of Resource Biologist stationed at the construction site.
- Initiation of Legislative Action Report and revitalized communication with chapters on national issues.
- Inauguration of Monthly report of the Executive Director which is mailed to National Directors, Council Directors and unaffiliated chapter chairmen.
- Preparation of initial drafts of a TU foundation fund raising kit.
- Continued involvement in resource issues, specifically reevaluation of stream fishery on Little Tennessee River (Tellico); review of possible impacts of Wilderness designation on cold water fishery resource; participation in the Alaska Coalition; and continued monitoring of impacts of native fisheries in the Pacific Northwest and Alaska.
- Continued cost cutting and monitoring of services have stabilized expenses which, when compared to current revenue sources, resulted in a much improved cash flow position. The 1979

budget reflects the "pay as you go" policy directed by the Board. Within one year, all rebates should be current and outstanding debts paid. A modest contingency is also included in the budget for unforeseen circumstances.

Dues Increase - Cost of Living Adjustment -

We are increasing our dues effective January 1 in three categories:

Regular - 12.50 to 15.00

Junior/Senior - 6.00 to 7.50

Family - 17.50 to 20.00

Other classifications remain unchanged.

The increase will raise an additional \$39,000. It is important that the need for this increase be understood by the membership. In fact, we are just gaining back the buying power of our last dues increase, no more. There is no good time to raise dues. Your help in explaining our situation can ease the impact of the larger dues notice.

RELEASING AND PHOTOGRAPHING FISH

Reprint from Orvis Newsletter

Orvis orients its line of fishing tackle towards QUALITY ANGLING. But one cannot enjoy quality angling without QUALITY FISH...fish whose selectivity really challenge the angler, whose strength and size really test one's tackle...wild fish that have survived the unending pressures of natural selection...they are the challenges to which we aspire as anglers.

However, there is one major problem: There is a decreasing number of quality fish and an increasing number of anglers seeking quality fishing. Hatchery raised trout are a poor solution to this problem.

There is a good solution to this problem and it is rapidly gaining popularity...RELEASING FISH to live another day and challenge other anglers.

The fulfillment of releasing a trophy fish is its own reward, but Orvis would like to endorse the release and reinforce the reward. Orvis awards a sterling silver "Orvis Record Catch Club - Fish Released" pin to those anglers who document the catch and release of challenging fish on an Orvis rod... It's not the size of the fish but the conditions under which it was caught and the nature of the tackle on which it is caught.

To document the catch and release or a record fish taken on an Orvis Rod, describe to us in a letter the conditions under which the fish was taken. Include a statement by a witness if one was on hand and send a photograph of the fish if you were able to obtain one.

TO ASSURE THE SURVIVAL OF THE FISH, please keep the following points in mind:

(1) Play the fish out so that it will be relatively inert while you are unhooking it and photographing it.

(2) Whenever possible, unhook the fish while it is still in the water. Grab the bend of the hook and turn the fly upside down so the point of the hook is pointing down toward the water; then lift the fish partly out of the water. Often the fish will give a flip and dislodge the hook on its own. Another method is to grasp the lower jaw with the thumb and forefinger of one hand and unhook it with the other hand.

It is better to clip off a fly and leave it in a fish than to injure the fish trying to dislodge. Squeeze down barbs with pliers on large hooks, No. 12's and larger.

In any case, DO NOT SQUEEZE A FISH AROUND ITS MIDDLE and do not hold it by its gills!

(3) When handling a fish, hold it around its tail and support the upper part of its body from underneath.

(4) Do not let the fish flop around on rocks. To photograph it, lay it on grass next to your rod.

(5) Never release a fish into its water until it is completely recuperated from the fight. Be prepared to revive a fish in gently flowing water for as long as it took to land him. To revive a fish, hold it in water and push it forward and back slowly until fish is ready to swim strongly on its own.

TO ALL CHAPTER SECRETARIES

Please send me an updated list of officers and Board of Directors members of your Chapter. The information I need is: name, address, zip code, and telephone number. In the future, please keep your state secretary advised of all changes at election time.

Send to: Tom Flesch
Route 2 Box 456F
Poynette, Wi. 53955

YOUTH CAMPS SPONSORED BY DNR

Wisconsin's six Youth Conservation Camps are now looking for young men and women between 15 and 19 years of age to participate in salaried summer work camps.

The camps, located near Manitowish Waters, Minong, Montello, Prairie du Chien, Poynette and Campbellsport, are operated by the Department of Natural Resources to offer a summer work-learn experience in conservation.

The six YC camps will operate separate five-week and/or six-week sessions through June, July, and August. Enrollees will be paid \$2.90 per hour (work is scheduled for 35 hours per week - $\$2.90 \times 35 = \101.50). A room and board charge of \$36.50 will be deducted from the salary.

Work activity offered at the summer camps includes projects related to forestry, fish management, wildlife, recreational use areas and ranger stations.

The State's six summer work camps enable the DNR to accomplish a wide variety of forestry, fish and game habitat projects and facility maintenance that otherwise could not be done locally if we relied solely on DNR manpower. The camps provide an educational opportunity for participants because of the experiences and associations each youth will find in group work assignments.

Youth interested in participating in one of the YC summer camps must apply by March 10, 1979, through their high school guidance director, or by writing directly to the DNR Youth Conservation Camp Section, Box 7921, Madison, Wisconsin 53707. Application forms are available in all Wisconsin high schools. The DNR will notify applicants in April or May whether they have been selected to attend one of the camps.

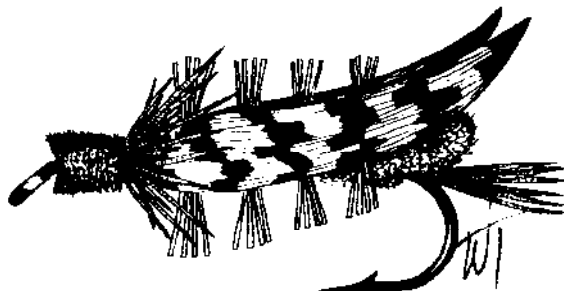
CONSIDER FACTS BEFORE TAGGING FISH

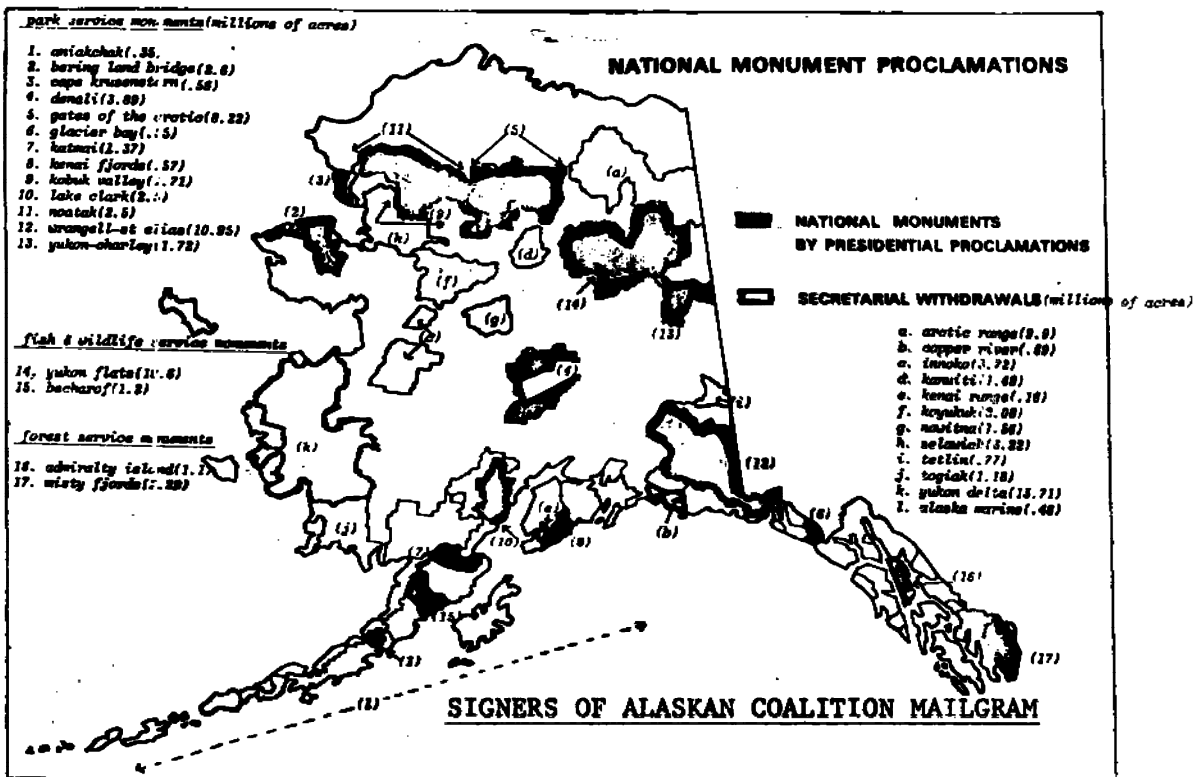
Well-intentioned individuals who tag and release the fish they catch may be doing more harm than good. DNR fish biologists have seen increased interest in this sort of personalized fish tagging, in which the angler hopes that someone will catch the fish again and return the tags to them. The biologists caution that the chance of anyone catching these fish may not be as high as some individuals believe. Even though one in 10 panfish and one in

three gamefish may be caught each year, chances of a tag being returned are much less. Problems include the fact that many fish can be killed by tagging and many tags are lost; a good deal of experience is needed if these problems are to be prevented. Different types and sizes of tags, as well as different tagging methods, are needed for different sizes and species of fish. And, tagging must be done when the water is cold to lessen the chances of fungus and death. Consider these facts before going on a tagging kick. After all, would you like your name found engraved on a dead fish floating in the lake, or would you rather have a fish in the frying pan?

TROUT STAMP FUNDS YIELD EARLY RESULTS

The Kinnickinnic River in St. Croix County is one of the midwest's outstanding trout streams. This summer, the Kinnickinnic's trout habitat capacity was significantly increased with the construction of 700 half-log structures. The structures, which provide cover for brown trout in a 3.8 mile stretch of the Class I stream, were financed by \$6,535 from DNR's Trout Stamp Fund. According to Bert Apelgren, Eau Claire Area fish manager, who has worked on the Kinnickinnic fishery development for 25 years, the unique feature of the stream is its proximity to the Twin Cities metropolitan area. Despite fishing pressure from Minneapolis-St. Paul, only 30 miles west, the Kinnickinnic maintains an excellent brown trout population, a direct result of its superb water quality. Statewide, to date over 21 miles of trout habitat have been improved and protected during 1978, compared to seven miles improved during all of 1977. Currently, 35 trout streams scheduled for habitat work are in various stages of development, with work to continue until freeze-up.





<u>Chapter</u>	<u>No. of Members</u>	<u>Chapter Representative</u>
Southern	180 Members	Larry Meicher, President
Fox Valley	85 Members	Ryan Hagen, President
Northwoods	73 Members	Gary Payne, President
Coulee Region	60 Members	Terry Larsen, President
Wolf River	25 Members	Cap Buettner, President
Ojibleau	86 Members	Jim Morton, Vice President
Green Bay	50 Members	Bob Heim, President
Fontinalis	15 Members	John Ingens, President
Central	300 Members	Dan Harmon III, President
Southwest	40 Members	Dr. Bill Baebler, President
Kiop-TU-wish	125 Members	Roger Fairbanks, Exec. Secretary
Antigo	35 Members	Phyllis Hughes, Vice President
Southeast	147 Members	T. J. Sopkovich, President

Tom Flesch
 State Secretary
 Rt. 2, Box 456F
 Poyntette, WI 53955

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WISCONSIN Trout Unlimited

SPRING 1979 NEWSLETTER

CLINT BYRNES RECEIVES AMC AWARD

By Susie Isaksen

T.U. activist Clint Byrnes of Beaver Dam, Wi., will be the first T.U. member ever to be honored at the American Motors (AMC) Conservation Awards banquet in Washington, D.C., June 13.

Byrnes will receive one of ten national awards in the non-professional category. Most outstanding among his many accomplishments was the restoration of Crystal Creek. As chairman of the Southern Wisconsin Chapter T.U. project, Clint, his wife Becky, and their sons put in at least 10 hours a week every week for the past six years.

The award also recognized Clint as an environmentalist who has fostered much of the growth, strength, and success of the trout water conservation movement in Wisconsin. He has, for instance, shown his home movie of the Crystal Creek project to 35 different conservation organizations. The movie is particularly important to Trout Unlimited because Clint shows it as inspiration to other chapters considering projects and at charter meetings of groups forming new chapters. It's an impressive presentation that never fails to rally enthusiasm.

For over a decade, Clint has served in various official capacities for both the Southern Wisconsin Chapter T.U. and for the Wisconsin Council. As an elected member of the Conservation Congress, A state-sponsored citizens advisory group to the Department of Natural Resources, he serves on the state Trout Policy Committee.

REPEAL OF TROUT STAMP PROPOSED

A bill has been proposed in the State Assembly which would repeal the trout stamp. Information at present is sketchy so it is difficult to assess the importance of this threat to our wild trout habitat. Your respective chapter presidents will inform you further as this develops. All of us must be prepared to send a short message of opposition to our assemblyperson if this proposal gains any real strength.

The AMC Awards program was initiated in 1954 by Ed Zern, internationally-known outdoor writer and environmentalist, and his fishing friend the late George Mason, then President of Nash-Kelvinator Corp. Each year the prestigious national awards are presented to 20 individuals, 10 who are professional conservationists employed by non-profit groups and 10 non-professionals, such as Clint, whose conservation efforts are a voluntary expression of good citizenship.

AMC awards are also presented annually to non-profit organizations selected for outstanding achievement on local and national levels. Trout Unlimited received an award in this latter category in 1971.

AGENDA FOR SPRING STATE COUNCIL MEETING:

DATE: May 12, 1979
PLACE: Beaver Dam High School (see map)
LOCATION: Beaver Dam, Wi.

- 9:30 - 10:30 - Coffee & Donuts
10:30 - 12:30 - Meeting - Standing
Committee Reports
12:30 - 1:15 - Dinner (The 3-B's)
Becky's Baked Beans & Chips
Byrnes Sloppy Beef
Beer
1:15 - 4:00 - Crystal Creek Presentation
1. Tour of Crystal Creek
2. Shocking Demonstration
by Jim Condon, DNR
Fish Manager
- Door Prizes
1. Oldest member in
attendance
2. Youngest member in
attendance
3. Member that travels
the greatest distance

Please bring along your Chapter's new and old newsletters to exchange with other Chapters.

OJIBLEAU CHAPTER ACTIVITIES

- Fly Fishing Clinic
- Elk Creek Riprapping and 1/2 Log Preliminary Planning
- Rebuilt Wing Dams, Riprapped Streambanks, and Recovered In-Stream Habitat Structures on Duncan Creek
- T.U. Sponsored Banquet
- Last Year of a Research Project on Fish Population, Channel Modification, Temperature Profile and Insect Sampling on McCann Creek
- Spring Brook - Brushing Project

SOUTHERN WISCONSIN CHAPTER ACTIVITIES

- Clean-up Allens Creek - Evansville
- 1st Annual Cold Water Resource Banquet
Sen. Gaylord Nelson - Speaker
- 2nd Annual Swap Night
- Instream Struction Work - Crystal Creek, Beaver Dam
- Membership Picnic - Mt. Vernon
- Bohn Creek Project
Stage 1 - Dam Removal
Stage 2 - Rocked in 75 yds. of the spring for spawning
- Sponsored 6 Free Fly Tying Classes

COMMITTEE TO STUDY DNR

As you probably know, our governor has asked 50 people around the state to each select 4 other people to study the DRN and recommend possible changes. Some of the talked about possible changes may be the appointment of a non-professional (political) secretary and the separation of resource management and resource protection into two very separate departments.

There is concern in some quarters that the people appointed by the Governor and their respective 4 appointees may be less than impartial in their attitudes concerning the presently constituted DNR. Whatever the reality of their convictions the important thing for Trout Unlimited to do is to appear at all public hearings on this subject. Not only should a Chapter president appear, but so should YOU!

You and every user of our natural resources will be the losers if the DNR is altered in such a way as to lessen its present ability to safeguard and improve our Wisconsin natural resources. Put very simply, the hearings will be a numbers game with the DNR and the natural resources of Wisconsin at stake. If most of the people appearing at the hearings don't like the DNR, this will certainly be reported back to the Governor. If, however, a significant number of those attending have favorable comments concerning the DNR this also must have an impact.

One final note, there are about 1200 members of Trout Unlimited in Wisconsin which is a respectable membership. If each of us brings along a few friends willing to speak for the presently structured DNR then our views will be amplified to a crescendo of support for the DNR. Presently, the DNR has a reputation of being either one or two in the nation and is respected internationally as well. Perhaps some fine tuning of the DNR is needed, but it's well deserved national and international reputation does not seem to warrant wholesale changes.

Support our natural resources by speaking up at these very important upcoming hearings!

MINUTES OF THE STATE COUNCIL MEETING -
WINTER, 1979

Location: U.W., Stevens Point, WI.

Date: February 17, 1979

Meeting was called to order at 10:30 a.m. by Tom Sopkovich, Chairman.

Minutes of the Fall meeting were accepted as read.

Treasurer's Report:

Total Checking	\$257.24
C.D.	500.00
	<u>\$757.24</u>

National Financial Report -

Ron Ahner

1. All rebates will be paid back in 1979.
2. Denver office will be closed 7/1/79 with severance of all Denver based employees occurring during the month of June.
3. T.U. is looking for a new business manager.
4. The contract with 1st Financial Management for membership computer service would remain in force through October, 1979.
5. \$.50 of the dues increase from each membership will be set aside for special chapter and council resource projects to be administered by the Research and Project Committee - These funds will be placed in a restricted fund and will be carried forward each year if not depleted.

Water Resource - Arling Erickson - Reported no decision by DNR on Iron River Hatchery. Discussion on Muskies in Iron River and Brule River coming from Iron Lake.

Membership - Craig Harbort explained the Membership Drive Contest. Craig also explained that T.U. has a 40% non-renewal of membership nationally.

Ron Koshoshek of the Eau Claire Chapter donated a handmade bamboo fly rod to the Chapter winning the State Membership Drive.

Dr. Robert Hunt of the DNR presented the program -

1. Race-Willow Project
2. Beaver Explosion - #1 Threat to Class 1 Trout Streams

Chapter Reports

KIAP-TU-WISH

State Council reaffirmed their commitment of \$500 for Race-Willow creel census if the money was needed.

State Council agrees to write a letter morally supporting the KIAP-TU-WISH Chapter on the Rush River Gravel Mining operation.

Motion was made and seconded to reaffirm Trout Unlimited's stand on the State Trout Stamp.

Public Relations - No acceptable action - sent back to Committee

New Business -

Motion - To leave the decision of taking a stand on the Iron River Hatchery in the hands of the Committee - Tom Sopkovich - Ron Koshoshek - Greg Isaksen.

Motion - State Council Chairman to write a letter in favor of appointing the Head of the DNR by the DNR Board, not by the Governor.

Discussion on the Spring Meeting to be held at Beaver Dam, May 12.

Meeting adjourned at 4:15 p.m.

CONSERVATION CONGRESS
SPRING COUNTY HEARINGS

April 23 is the date for county hearings to discuss and vote upon questions concerning future game and resources management.

Wisconsin is unique in having regular meetings to allow input and recommendations from its citizens. Questions have been submitted by the DNR and Conservation Congress Executive Council. It is critical for as many T.U. members as possible to attend this meeting in their respective counties to express their opinions, not only on issues involving trout but on other areas of sporting interest.

This meeting is also the opportunity to elect one member to serve a three-year term to the Conservation Congress.

by Verlin H. Peckham

The Environmental Resources Committee heard Assembly Bill 140 on March 29. This is the bill introduced to eliminate the office of Public Intervenor. Tom Sopkovich asked me to appear and voice our unanimous opposition to the bill which I did along with about 35 representatives from other organizations. Only 3 persons who had a bone to pick with the Public Intervenor appeared in favor of the bill along with Assemblyman Omernick who introduced the bill. Others who voiced opposition were Chairman Messinger of DNR, Attorney General Bronson LaFollette, Professor James McDonald of the U.W. Law School Water Resources, Francis Murphy of the Conservation Congress, Peter Anderson of Environmental Decade, Jim Derouin - Attorney for Exxon Minerals Company, and representatives from the Audubon Society, Wetlands Protection, Town of St. Germain, Town of Grant, League of Women Voters, and Common Cause.

Many members of T.U. took off work or forgot lunch to appear and register their opposition. This really had a great impact and we hope the bill was killed. It is the kind of support that makes T.U. the action organization necessary to protect our water resource.

Several other bills will be argued in committee during the next months, among them being Assembly Bill 263 to abolish the Trout Stamp. Certainly our State Council's unanimous decision to keep the Trout Stamp should be voiced. The Hearing will be before the Assembly Committee on Tourism, Recreation and Economic Development sometime after Easter.

Individual members of T.U. May contact the following members of the legislative committees hearing these bills that affect our natural resources at the State Capitol, Madison, WI 53702. The Committees are:

TOURISM, RECREATION AND ECONOMIC DEVELOPMENT: Joanne Duren, Chairperson; Lloyd Kincaid, Vice-Chairperson; Lary Swoboda, Gus Menos, Francis Lallensack, Daniel Fischer, Jonathan Barry, Patricia Spafford Smith, James Lewis, Richard Matty, Cloyd Porter, Milton Lorman, and James Ladwig.

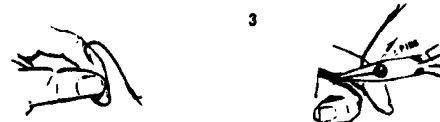
ENVIRONMENTAL RESOURCES: Mary Lou Munts, Chairperson; Daniel Fischer, Vice-Chairperson; David Kedrowski, Thomas Loftus, Jonathan Barry, Kevin Soucie, William Broydrick, David Opitz, Randall Radtke, Ray Omernick, and William Gagin.

NATURAL RESOURCES AND TOURISM: Senators Adelman (Chair), Bear, Harnisch, Braun, and Murphy

If your representative is listed above, a letter from you, a constituent, voicing your opinion should bear some real weight. Keep up the good work.

HELP!

Hook Removal—Standard



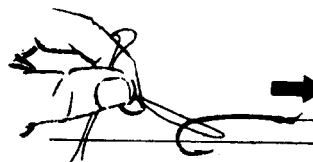
A hook buried in a finger, or in any other part of the human frame, is no pleasure. It will hurt and it will have to be removed. If there are no doctors around, you may have to do the job yourself. The push-through method is time-honored.

Now it's all downhill. With cutting pliers, snip the barb off. You did have cutting pliers in your kit, of course! How else could you make leaders and repair tackle! Pliers are tools for all sorts of things, although we hate to use them in this way.

A gritting of teeth may help, and there'll be some pain, but who asked you to stick a hook in your finger in the first place? Just push the point on through in a natural curve until the barb emerges. Once this is done, the worst is really over.

Now there's nothing to it: simply slide the barbless hook shank back through the wound. You'll bleed a little. But, if you keep the wound clean, and if your tetanus shots are up to date, you'll survive.

Hook Removal—Snatch



Loop 20- or 30-pound test line around the curve of the hook and get a good grip.

With thumb of other hand, press hard on the head of the hook for direct pull.

Try to guide barb back along pathway of entrance. Quick! Snatch it out!

Approved Projects:

<u>NAME</u>	<u>COUNTY</u>	<u>WORK</u>	<u>COST</u>	<u>WORK ACCOMPLISHED (miles)</u>
Spaulding Cr.	Waupaca	Intensive Instream	\$27,300	0.4
Yellow River	Barron	Brushing & 1/2 Logs	2,740	1.2 completed
S. Fork of Main	Rusk	Fencing	13,478	1.5 completed
Bohemian Valley	LaCrosse	Intensive Instream	9,200	1.3
Timber Coules	Vernon	Intensive Instream	25,000	
Garfoot Creek	Dane	Intensive Instream	23,680	1.0
Kinnickinnic	St. Croix	1/2 logs	13,200	3.8 completed
Prairie River	Lincoln	Instream	10,425	1.0
Clam River	Polk	1/2 Logs	4,140	0.34
Rowan Creek	Columbia	Instream Devices	16,089	1.0
White River	Bayfield	Instream Devices	39,400	0.4
Big Roche-Cri	Adams	Instream Devices	18,486	1.0
Hunting River	Langlade	Instream Devices	22,560	
Sour Lake	Price	Dredging	15,000	1.3 acre compl.
Evergreen	Langlade	Dredging	17,000	1.0 acre compl.
Mt. Vernon	Dane	Bank Cover & Maint.	12,085	New
First So. Br.				
Oconto River	Oconto	Instream & Bank Cover	14,480	New
Embarrass River	Shawano	Instream Work	23,440	New
Nace Cr.	Waupaca	Instream & Brush Rem.	28,370	New

NEW NATIONAL HEADQUARTERS

Effective June 1, the T.U. National Headquarters' new address is 118 Park Street S.E, Vienna, Virginia 22180. This is the metropolitan Washington, D.C. area, but outside the District line. We are currently working with Post Office to determine how we can include Washington D.C. in the mailing address for identification purposes.



CRAPPIE FLY

Hook: #6, 8, 10, 3 or 4 X Long
 Thread: Black
 Body: Flat silver tinsel ribbed with oval tinsel
 Wing: Small clump of polar bear or white kip, with badger hackle on each side to simulate lateral line
 Topping: 6 or 7 strands peacock hurl
 Originally tied to imitate small minnow for crappie fishing. It's also a very good brook trout fly in spring holes and creeks in northern Wisconsin.

NEW MEMBERSHIP CATEGORIES?

The membership committee was requested to study the membership categories. It was suggested that the Junior classification be replaced by Student, and the Senior classification be replaced by Retired. Also to be considered is a new classification for Life member. We would be very interested in receiving your thoughts on classification (send to Blacksburg).

RESEARCH AND PROJECTS COMMITTEE

As of March 23, only two projects had been submitted. However, chairman Nash Williams reported that he has heard that more are on the way. All of the remaining Mellon funds for Operation Restore will again be available for use in 1979, plus \$7,000 of project funds earmarked in the recent dues increase.

HOOKING MORTALITY

Summarized by Dr. William Flader

An experiment designed to test the survival value of not removing swallowed hooks from deeply hooked sublegal trout was conducted at the Westfield Trout Research Station in Westfield, Wi., during 1965. The results were reported by John W. Mason and Robert L. Hunt in The Progressive Fish-Culturist in April, 1967.

Four hundred hatchery-reared rainbow trout were deeply hooked in a raceway, using No. 8 hooks baited with worms. Only trout that were deeply hooked in the throat or swallowed the hook were used in the experiment. Hooks were removed from 100 with long-nosed pliers, from another 100 with only the fingers, while they were left in 200 trout by cutting the leader near the fish's mouth. One hundred non-hooked trout served as controls. All trout were fin-clipped for identification and held in a large tank inside the hatchery where they remained for 4 months, any dead fish being removed daily. (Nearly all the trout were less than 6" long, the minimum legal size in Wisconsin.)

The results are summarized in the following table:

	No.	No. Surviving	% Surviving	
Hook removed w/ <u>pliers</u>	100	18	18	} Avg. 11.5%
Hook removed w/ <u>fingers</u>	100	5	5	
Hook <u>left in</u>	200	131	66	
Control	100	100	100	

For you statisticians, the difference in survival rates between the group of 200 with hooks removed (11.5%) and the group with hooks left in (66%) was statistically significant at the .01 level. Length and weight gain did not differ significantly as compared to controls.

Conclusions

If this experiment adequately duplicates the probable consequences of leaving swallowed baited hooks in place when sublegal trout are released under actual fishing conditions, these findings indicate that there is sound

biological justification for encouraging trout fishermen to adopt such a practice.

Survival rates of bait-hooked trout in this experiment are lower than under actual fishing conditions, since only deeply-hooked fish were used. Thus, the survival percentage of 11.5% must not be considered to represent general bait-fishing release survival, which is probably higher.

Suggestions

1. If you fish trout with live bait, buy your hooks in boxes of 100 rather than the usual 10. That way they will cost you around 3¢ apiece, and you are less likely to run short of hooks and find yourself needlessly killing released trout to get your hook back.

2. Carry a small fingernail clipper attached to your creel or fishing jacket, where it is handy for snipping off the end of the leader after tying on a hook, as well as for cutting the leader before releasing deeply hooked trout.

FRANKOWIAK WINS TROUT STAMP CONTEST

Robert Frankowiak, Assistant Art Director at the Milwaukee Public Museum, won the 1980 Wisconsin Trout Stamp art competition. His painting of a leaping brown trout was chosen, from among 65 entries, to appear on next year's stamp.

Many of Frankowiak's paintings have been featured on the cover of TROUT magazine.

The other top ten trout stamp artists are: Louis Raymer of Webster; Dennis Gorczany, Green Bay; Earl Gustaveson, Burlington; Nick Pitl, Sussex; Rockne Knuth, Fond du Lac; Gary Karnes, Wisconsin Rapids; Harry Moeller, Milwaukee; Virgil Beck, Wausau; and William Millonig Jr., Campbellsport.

Judges for this year's competition were: Martin Murk, Greendale, Artist and winner of last year's contest; Artist Tom Rost, Cedarburg, donor of the first trout stamp design for 1978; Jack Heaton, Stevens Point, Professor in the College of Natural Resources at U.W. - Stevens Point; Wayne Taylor, Stoughton, Professor of Art at U.W. - Madison; and Writer Susie Isaksen of Poynette.

Some of the Chapter activities and accomplishments this past year:

- Upper Midwest Trout Symposium II at the University of Minnesota
- An extremely successful Spring Fishing Clinic
- Race-Willow DNR Research Project fund raising (\$3,000 last season - \$2,000 so far this year; \$11,000 total to date)
- Aided in Race-Willow DNR electrofishing
 - Spring & Fall
- Aided in DNR Kinnickinnic River electrofishing at our "brushed" sectors
- Monitoring the Rush River Gravel Mining Permit Application (still pending)
- Funded and completed Race Narrows Rock Fill Project on Lower Willow River (10 cu. yds., \$225 and labor)
- Funded and set up the 210' Marie Rude Riprap Project (Contracted but not complete - \$1,500 chapter; + \$1,500 National T.U.)
- Attended hearing and installed temporary erosion control on liquid manure lagoon near Glenwood City (\$60 + 50 bales donated and labor)
- Aided Eau Galle Rush River Club in stocking 50,000 brown trout fry in the Eau Galle and 50,000 rainbow fry in the Rush River
- Represented at 3 of 4 State T.U. Council meetings
- Attended the Wi. Natural Resources Board meeting in Hudson (The Chapter received recognition for Race-Willow Project Fund Raising.)
- Chapter members initiated the Nord-Rude bronze recognition plaque to be dedicated in May
- Drawing of 3 Kinnickinnic River map tracings (by Steve Jensen)
- New chapter bookkeeping system (by Ruby Fairbanks)
- Ten excellent monthly meetings, a fine picnic, and a fishermen get-together
- Twelve monthly newsletters
- In all, one of our best years

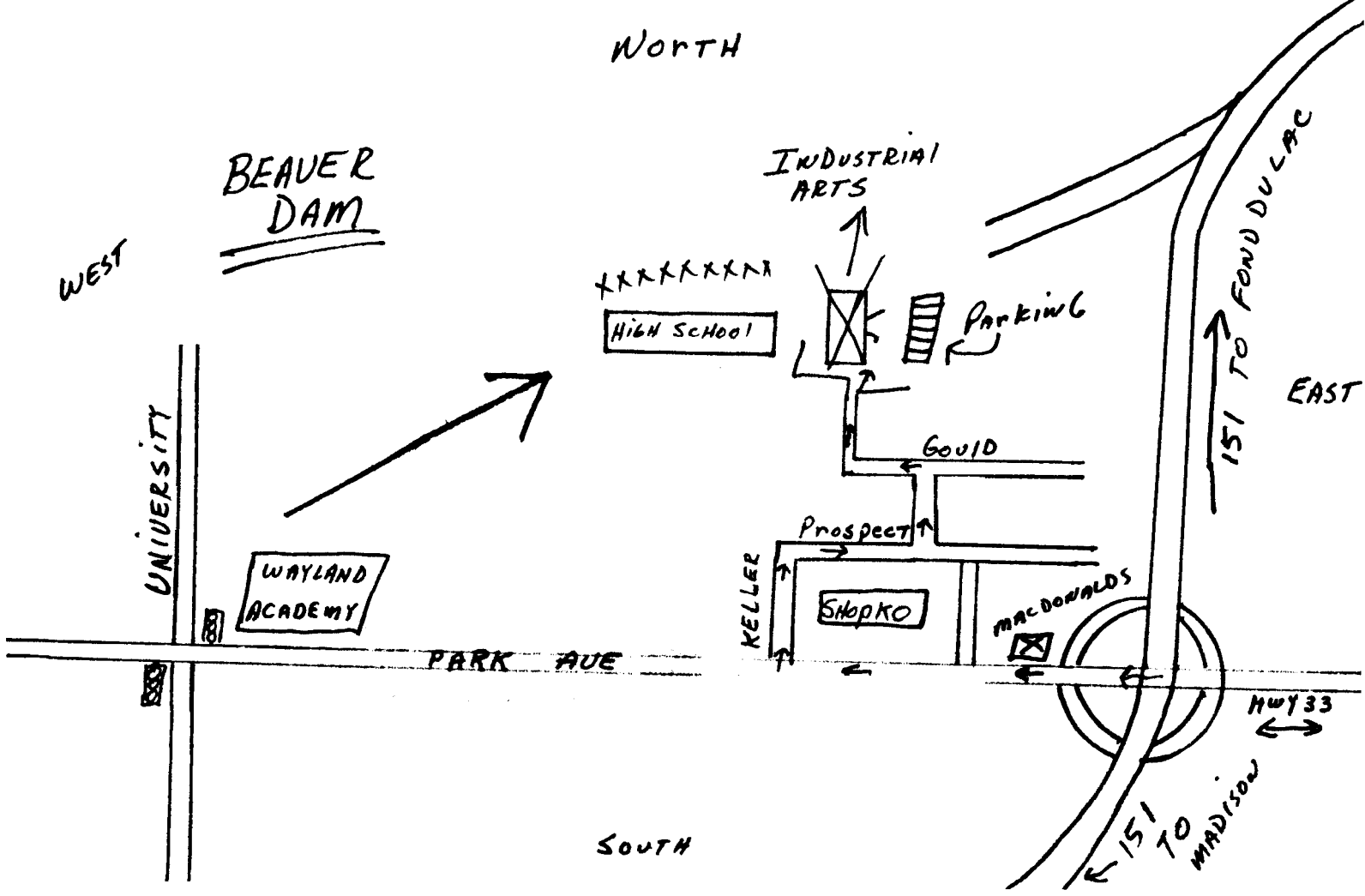


THE BUTTONS ARE HERE

OR

Ron Ahner
P. O. Box 4276
Madison, WI. 53711

The cost is \$50.00/100 buttons post paid. The suggested resale price should be at least \$1.00. (At this price they have been selling like hot cakes at the Milwaukee Sports Show.) Make checks payable to the Wisconsin State Council of Trout Unlimited. Again, the easiest time to use the buttons fundraising is the warmer months. Let's again all promote our various projects and our wild trout by making certain these good looking buttons have as wide a distribution as possible.



Tom Flesch
 State Secretary
 Rt. 2, Box 456F
 Poynette, WI 53955

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WISCONSIN Trout Unlimited

SUMMER 1979 NEWSLETTER

Members of Wisconsin Trout Unlimited,

I want to thank you for giving me the opportunity of serving you as your Council Chairman this past year. This service has been made much easier because of all your individual and collective efforts on behalf of the cold water resource.

I have always felt that while the officers of T.U. may sometimes act as the voice, the real strength of T.U. is the individual member. While some members may be more active in the organization, each of us supports T.U. as much as circumstance permits. We do this not out of duty but rather out of a love of the resource and our hope and desire to save and improve the resource for our enjoyment and that of future generations.

We as members of Trout Unlimited can be justly proud of our many accomplishments. While much has been done there is always more to do. This task would be made easier for all of us if, in fact, there were more of us to spread out the work load.

Today, ever increasing population puts ever increasing demands on our limited cold water resources. The wild trout habitat of Wisconsin needs our help. The quickest and most effective way to help is to strengthen groups such as Trout Unlimited which help spearhead the preservation, protection, and enhancement of the cold water resource. A membership folder has been enclosed so that each of us can present it to a friend or co-worker who shares our ideas concerning the cold water resource, but for some reason has not gotten around to joining T.U. Each of us knows at least one such person and their abilities added to our already strong efforts will bring us just that much closer to our goal of preserving, protecting, and enhancing all of Wisconsin's cold water resources.

Let's each of us take this opportunity now to strengthen Trout Unlimited so that not only we, but our children and grandchildren can experience the joys that the cold water resource provides.

Sincerely,

Thomas J. Sopkovich, Chairman
Wisconsin Trout Unlimited.



BEAVER DESTROY LOCAL TROUT WATER

by Jim Kalkofen

"Beaver are the single-most destructive force on Langlade county's trout streams. They do more damage than all the ravages of pollution, cattle, and man combined," Max Johnson, Antigo area fish manager, told the Antigo Chapter of Trout Unlimited.

Johnson said the problem is serious because beaver destroy trout water. Their dams block rivers, causing them to slow down and spread out. When this happens, silt covers spawning areas, water temperature rises dramatically, trout migration patterns are halted, fish parasites increase and streamside vegetation is destroyed. Most trout fishermen remember some great beaver pond fishing, but they also know conditions deteriorate rapidly after one or two peak seasons, Johnson said.

The Antigo Chapter of Trout Unlimited (TU) is concerned about the serious beaver problem. At its recent meeting, a liaison committee was formed to collect all information and complaints from trout fishermen. Scott Henricks, Antigo, is chairman. The committee will work with fishermen and landowners to remove dams and beaver. Trout Unlimited is only concerned with beaver on coldwater streams.

Jim Kalkofen, TU president, outlined what should be done when fishermen notice beaver activity. He urged all fishermen to look for fresh cuttings, new dam building or actual beaver sightings.

"Report beaver action immediately, especially whenever a new dam is detected," he said. Waiting two or three months may be too late.

A call to the Trout Unlimited beaver committee with location, property owner's name (if you know it) and extent of beaver activity are the important facts.

The TU beaver committee will approach the property owner for a signed beaver complaint. If county, state or federal land, the committee proceeds directly to the DNR. Then, Kalkofen said, the DNR may issue a permit to the property owner

so he can remove beaver and dam, or issue a permit to selected Trout Unlimited members to remove dam and beaver, or handle the problem with their own beaver control unit.

The Nine Mile Creek flowing into the Wolf River was considered a good trout stream not too long ago. "Beaver have nearly destroyed the stream. It is perhaps one of the best examples of beaver damage," Johnson said.

In 1978, the DNR removed 27 beaver dams on Evergreen creek over a 9 mile stretch. The trout population is now less than half what it was in 1965, Johnson said, comparing extensive shocking surveys. "If the beaver problems continue on the Evergreen, it will go the route of Nine Mile Creek," he said.

In Langlade county, two men work on beaver complaints almost full time from May until fall. The DNR is responsible for Class I trout water and they concentrate their efforts on beaver complaints on coldwater streams.

The problem will escalate in 1980 because the trappers are not going after beaver. In recent years, from 250-450 beaver have been trapped annually, but in 1979, only 150 beaver were tagged. The deep snow contributed somewhat to the reduced take, but the low fur prices (about \$15 per pelt) prevented trappers from going after beaver.

Johnson said his crew could accomplish a half-mile of in-stream habitat improvements in a summer. In one season, a pair of beaver can easily destroy from several blocks up to a mile of trout stream behind each dam. Multiply that destruction by beaver in all streams, and the net result has Langlade county losing more miles of coldwater streams each year to beaver than can be reclaimed or maintained over several years by the fish manager's crew.

There is less and less water to fish, and fewer trout in the remaining water. "Fishermen are continually complaining about catching fewer trout. Beaver are one of the major reasons for this decline, and it is going to get much worse if we don't take extensive action soon," Johnson said.

BLUE MOUNDS COUPLE RECEIVES TROUT UNLIMITED SPECIAL AWARD

The Dodgeville High School Biology Department and a Blue Mounds farm couple took home checks courtesy of the South-west Wisconsin Trout Unlimited Chapter Tuesday night from the club's annual meeting.

The Trout Unlimited organization presented a \$50.00 check to Gari Walz, Biology teacher at Dodgeville High School, as a Harry Nohr Educational Grant. Nohr, a long-time conservationist from Mineral Point, was a charter member of the group. The money will be used for transportation costs for field trips, when the students will study the temperature of water in Iowa County streams.

An Upland Practices Soil Conservation Award was presented to John and Diane Shea, Blue Mounds. The Trout Unlimited Chapter awarded the Sheas with a \$100 check for their outstanding conservation practices on their farm. Doug Knox, area SCS conservationist, indicated that the Sheas have contour strips on all 109 of their tillable acres, and they have also set aside an area for wildlife habitat and have worked on pasture renovation. Knox noted that an animal waste control system for the farm has also helped to improve the water quality in the area.

In receiving the check, Shea offered a thank-you to the club, and added that "you too should be congratulated for your work throughout the area," in addressing the Trout Group.

STATE COUNCIL ELECTION

The election of the State T.U. Council officers and Committee Chairman will be held on July 14, 1979 at the state meeting. Anyone interested in information or nomination to the State Election should contact Nash Williams, nominating Committee Chairman.

Mr. Nash Williams
2400 Waunona Way
Madison, WI. 53713

(608) 222-2177

FOX VALLEY CHAPTER SPONSORS OUTING FOR THE HANDICAPPED

By Jim Harp

"It was beautiful. It was probably one of the most satisfying programs we have ever conducted."

Those were the words of a member of the Fox Valley Chapter of Trout Unlimited after the group sponsored an outing for handicapped youngsters at a local game farm.

The youngsters were taken to the farm and then had a chance to do some fishing in a pond stocked with hungry trout. For many, it was their first opportunity to catch a trout and they thoroughly enjoyed the outing.

After fishing, the young people were treated to lunch and refreshments by club members. Several members of the Trout Unlimited organization also put on a fly tying demonstration for the children.

Tom Timm was the lucky angler who caught the largest trout of the day and his fish is being mounted free of charge by Rinehart and Sons Taxidermy of Appleton.

MADISON, WI.---Wisconsin's share of the \$109.3 million in federal funds apportioned to the states for fish and wildlife restoration in fiscal 1979 is \$3.4 million, according to information from the U.S. Fish and Wildlife Service.

Of that total \$2.4 million will be available to the Department of Natural Resources for the acquisition of land for wildlife habitat, development and management of habitat, research in wildlife management and for hunter safety including education programs. The federal funds are raised by an 11 percent excise tax on sporting arms and ammunition and certain archery equipment and a 10 percent tax on hand guns.

Just under \$1.0 million will be available to purchase land and water areas, development or rehabilitation of such areas, development of access sites and facilities for anglers and for research in fishery management. These funds are derived from a federal excise tax of 10 percent on fishing equipment.

Wisconsin ranked fifth among the 50 states in the amount of funds received. Distribution is determined by the numbers of hunting and fishing license holders and land area.

T.U. STATE MEETING

Date: July 14, 1979
Location: Natural Resources Building
U.W., Stevens Point, WI.
Time: 11:00 A.M. - 5:00 P.M.

Further information will be sent to all Presidents.

TROUT STREAMS HAVE CLOUT

Wisconsin's trout streams will have an impact on the level of wastewater treatment required by the Department of Natural Resources. DNR environmental engineers will confer with fish managers on pollution discharge permits required of 50 Wisconsin communities. Based in part on the advice of fish managers, and classification of the receiving waters, treatment standards will be set. Special consideration will be given to class I trout waters and steps will be taken to insure that the wastewater discharge doesn't adversely affect the fishery.

MINUTES OF THE STATE COUNCIL MEETING - SPRING, 1979

Location: Beaver Dam, WI.
Date: May 12, 1979

Meeting called to order by Tom Sopkovich at 10:40 a.m. Minutes of the Winter meeting were accepted as printed in the state newsletter.

Treasurer's Report: Bob Heim
National Meeting: Seattle, Wash., August 10-11

Tom Flesch
State Secretary
Rt. 2, Box 456F
Poynette, WI 53955

Committee Reports:

WATER RESOURCES - Iron River Hatchery - DNR will fight against the hatchery unless they can be assured of no harm downstream.

- Boundary Brule - 1st week of June the DNR of Mich. & WI. will view the Brule River to assess the muskie problem.

FUND RAISING - Buttons are available.
\$.25 - cost per 1,000
.25 - State Council profit
.50 - local chapter profit
\$1.00 - min. selling price

MEMBERSHIP - No accurate count of new members yet. Continue to send membership to Denver; it will be forwarded to the new office.

LEGAL - Race discrimination form has been filed by the state - There is no need for individual chapters to file.

INSURANCE - No need for individual policies. Ron Ahner has set up one policy for the entire state with better coverage at less cost.

New Business -

Membership - Discussion-Tom Sopkovich
All Chapters will receive 15 extra copies of our newsletters for members not on the mailing list.

Beaver Problem - Langland County - Jim Kalkofen explained in detail the problem in the Antigo area - put on a slide presentation and explained how they were handling the beaver crisis.

Motion & Discussion - Reaffirm the National Board's position to preserve as much Alaskan Land and Parks as possible. Motion was seconded and passed almost unanimously.

Trout Stamp - Discussion - No final decision.

Program & Lunch- Clint & Becky Byrnes, Lee Parker, and Jim Condon, DNR.

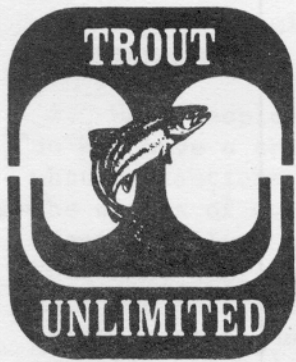
**** A special thanks to all the fine T.U. people in Beaver Dam for hosting our Spring meeting.

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WISCONSIN Trout Unlimited

FALL 1979 NEWSLETTER

ROGER FAIRBANKS RECEIVES TROUT CONSERVATION AWARD



Roger Fairbanks (left) accepting T.U.'s 1979 Trout Conservationist Award at the Annual Meeting in Seattle, Washington. Pictured also are Tom Sopkovich (right) and Phil Bracewell, National Director from North Carolina and Awards Chairman.

TROUT UNLIMITED

TROUT CONSERVATION OF THE YEAR AWARD

1979

EARL ROGER FAIRBANKS

FOR DISTINGUISHED AND DEDICATED SERVICE TO THE
CAUSE OF THE COLD WATER FISHERY RESOURCE AND THE
IMPROVEMENT AND PERPETUATION OF THE RECREATIONAL
QUALITIES OF FISHING ON THE AMERICAN CONTINENT.

That is the inscription on the plaque that Roger Fairbanks received at the T.U. Annual Meeting in Seattle on August 11. Roger says,

"I am pleased, proud and honored to receive the National Award. It's something I will remember all my life. I'm deeply indebted to the eight Wisconsin T.U. Chapters that "chipped in"* on the air fare to get me out to the meeting to receive it. Tom Sopkovich, T.U. State Council Chairman National Director, presented the award at the Saturday evening banquet, and I was so happy to have Lorn and Linda Pracht there for moral support. I'm also grateful to all the people who supported my nomination for the award.

*Southern Wi., Ojibseau, Green Bay, Fontinalis, Central Wi., Southwest Wi., Antigo, Southeast Wi.

(Editor's Note: Klap-TU-Wish absorbed other costs associated with the award.)

A QUOTE FROM THE LETTER FROM RON KOSHOSHEK, NATIONAL DIRECTOR, SUPPORTING ROGER'S NOMINATION**

"There is no one in my acquaintance more deserving of T.U.'s top award. Past awardees have been noted for their singular efforts of great national significance, or for achievements resulting from the use of a specialized skill. However, we have in Roger Fairbanks a nominee whose accomplishments at the "grass-root" level are truly staggering. For example, as fund raiser, he has been a principal figure in raising in excess of \$24,000 during the last five years for chapter projects. As stream watcher, he has written hundreds of remarkably competent and detailed pages on behalf of the resource, many of which I have read over the years. As spokesman, he has testified at hearings, lectured youth and civic groups, and in general, pestered anyone who would listen (both willing and unwilling) on behalf of our beloved resource. As project planner, he has designed and organized stream improvement operations as well as equipment. As project team leader and worker, he has spent hundreds of hours on the stream, sometimes alone, most often with others, never missing a day even in sub-zero weather, teaching by example what dedication means. He has been to me a most reliable friend and source of inspiration.

While many dedicated T.U.ers are vigorous for a time and return after the original exuberance and with exhaustion to family and profession, both of which must be compromised to perform at Roger's level, he remains on the front lines. While others of us may, after a moment of accomplishment, be tempted by the notoriety that accrues to state or national offices, Roger has always refused such invitations in order to remain at the interface of conservationist and resource--where the real action is.

NAVIGABLE WATERS

Carl M. Mastaglio, DNR Water Management Investigator

Many people in this day and age still do not have a thorough understanding of what precautions must be taken to protect the waters of our state that are so precious to all of us. Our state legislature has, therefore, seen fit to designate the Department of Natural Resources as the central unit of government to protect, maintain and improve the quality and management of these waters.

The legislature has further outlined the Department of Natural Resources' role in this regard in various sections of the State Statutes. One such statute is Section 30.19 which authorizes the Department of Natural Resources to regulate the enlargement of any navigable body of water. The statute requires an individual to obtain a Department of Natural Resources permit to take any of the following actions, which are defined as enlargements: (a) To construct a channel of any size, connected to a navigable waterway; (b) to locate an artificial pond within 500 feet of a navigable waterway; and (c) to grade in excess of 10,000 square feet of area on the bank of a navigable waterway.

There are three situations exempted in this statute from this permit requirement. They are when such an action is done in relation to the construction and repair of public highways, any agricultural use of land and on a navigable body of water located wholly or partly in Milwaukee County.

Usually the purpose of connecting a channel to an existing navigable body of water is to increase the area available for residential development or to obtain access to open water. The Department of Natural Resources is concerned about such channel connections for four basic reasons:

1. They tend to create stagnant water areas,
2. They may cause fish kills by lowering the amount of dissolved oxygen available during critical winter months,
3. The channel oftentimes tends to silt up at the entrance causing a continual maintenance problem, and

4. Runoff from the channel may pollute the existing waterway.

Artificial ponds located adjacent to navigable waterways are created for a variety of purposes, such as, fishing, swimming, stock watering, irrigation, fire protection, or to attract waterfowl. Many of these ponds also have the potential of creating problems from an environmental standpoint because: (a) They are oftentimes located in the flood plain where the spoil forms a dike which interferes with flood flows; (b) At floodstage, there may be an interchange of undesirable fish species from the pond to the stream or vice versa; (c) The ponds usually soon become infested with aquatic vegetation because of runoff or because of nutrients present in the soil; and (d) those ponds which can support panfish often lead to stunted panfish populations.

One reason for grading topsoil is for gravel excavations. Grading is also often done to create a more desirable slope to the bank, or to remove vegetation to obtain a better view of the waterway. The loss of vegetation on the banks of a waterway often causes an erosion problem and subsequent sedimentation to the adjoining waters. Removing the natural vegetation from the banks of waterfront property often also distracts from the natural aesthetics of the area. Many times individual spend many years replacing vegetation similar to that which they removed in a moment of haste.

Individuals wishing to alter our presently beautiful Wisconsin landscape should consider all the problems they may be causing before starting that bulldozer. Dragline or backhoe and if they intend to do anything within the scope of Section 30.19, they must apply to the Department of Natural Resources for a permit.

The penalty for taking any action covered by this water law without first obtaining a permit is a forfeiture of not more than \$1,000 per violation.

NATIONAL T.U. HOTLINE: (703) 281-9200

This hotline operates 24 hours a day with a 3-minute recorded message on national news of interest to T.U. Take advantage of it! Get the word out. The cost is 43¢ or less per call in most cases.

T.U.- THE ACTION ORGANIZATION

1979 PROJECTS

GREEN BAY CHAPTER -

- Winter Banquet
- Fishing Seminar
- Installed Half Logs on the South Branch of Oconto River (with DNR)
- Helped Build Structures on the Big Eagle River (with DNR)
- Helped with the Planting of Trout on the Wolf River
- Are Opposing the Diverting of Water from McCauslin Brook (Marinette County) for Irrigation
- Put on Several Trout Boils

OJIBLEAU CHAPTER -

- Fly-Tying Clinic: Fundraiser (Feb.-Mar) - 86 Man Hours
One night a Week for Six Weeks
\$320 raised - 25 Non-Member Participants; Five Students per Instructor. Learning by Doing
- Bridge Creek Preservation Project (Yr.)
90 Man Hours - Negotiations with Augusta City Council and Area Legislators in an Effort to Preserve 4 Miles of Trophy Trout Water Threatened by a Proposed Dam and to Inhibit Efforts to By-pass the Hearing Process Through Legislative Mandate. Results: Legislature Budgeted Monies for USGS to Study Effects of Various Dams on Water Quality, Temperature, Benthos and Flow. More Damaging Potential is the Request (by Sen. Harnisch) of the Assembly Legislative Review Committee on Administration Rules to Review Trout Stream Classification Procedures and Criteria with the Intention of Legislating these Criteria and Requiring Stream Classification to be Subject to Public Hearing Process.
- Elk Creek Project: Phase I (Jan. - Oct.) - 270 hrs.
Planning: Table Mapping 6,800 ft. of Stream Thread and Identifying Work Sites and Project Description (120 Hrs.)
Public Relations: Contacting Resident and Absentee Landowners, Acquisition of Easements and Land Acquisition (65 Hrs.)
Fish Population Estimate: 50 Hrs.
Permit Application (35 Hrs.)
- McCann Crk. Fish Population Estimate 85 Hrs.

Completion of 5-Yr. Research Project on Effects of Brushing 1,000 ft. of Stream. As a Result of the Success of Innovation Use of Brush Bundles for Bank Stabilization and Cover, D.N.R. has Included the Technique in Fish Management Practice on Low Gradient Streams.

- Duncan Creek Project - Rip-Rap Banks and Repair Boom Covers - 84 Hrs.
- U.U. Booth at Northern Wi. District Fair (July) 146 Man Hrs.
- Banquet and Awards Night (March) Conservation Awards Given in Professional, Citizen, Communications, and Business Categories.
- Spring Brook Clean-Up Project (April) 75 Hrs.
Cut Regrowth in Meadow Portion of Robert Hunt's Research Project.
- Donation of \$150 to D.N.R.
For Experimental Beaver Control Project on an Area Stream
- Educational Services and Hearings (76 Hrs.) - Wetlands Protection, Hearings, Civic and School Groups

Project Activities Totalled 812 Man Hrs. from Jan. - Oct.

MILWAUKEE CHAPTER

- Outing to Pine River, Richland County
- Sweetheart Night (Valentine Dinner)
- 2-6 Week Fly Tying Class
- Sport Show Booth
- Outing for Steelhead Lake Michigan Tributaries
- Outing to Castle Rock Creek
- Outing to Pere Marquette
- Outing to Waupaca County Trout Streams
- Fly Fishing Class at Silver Springs
- Outing to Peshtigo River - Helped D.N.R. Work on Hay Creek
- Outing Steelhead on Pere Marquette
- February 16, 1980 - Banquet with Joan and Lee Wulff

LaCROSSE CHAPTER

- Bergen Coulee Creek Project - Money was Received from LaCrosse County (Fed. Disaster Aid) to Replace and Restore Structures Lost During Flooding in 1978.

KIAP-TU-WISH CHAPTER

- Race-Willow Trout Research Project - Funding Completed Recently. Four-year Project at \$3,000 per Year. Total \$12,000
- Marie Rude Riprap Project - A 210 ft. Streambank Stabilization Project on the Lower Willow River Costing \$3,000. (\$1,500 Kiap-Tu-Wish; \$1,500 Matching Funds from National T.U.). Project to be completed this fall.
- Race Narrows Rock Fill Project - A rock fill involving the hauling and placing of 9 yards of rock into an eroding depression between a 20-foot separation of two branches of the Lower Willow River. The rock was hauled 1/4 mile by snowmobile with the help of 16 chapter members (82 man hours) on two weekends last March.
- Nord-Rude Bronze Plaque Dedication - Kiap-Tu-Wish organized and implemented a bronze plaque on large rock, dedication to a family that has allowed unrestricted trout fishing on their property for 68 years. Local conservation groups and the D.N.R. were involved in the ceremony. \$300 to cover costs were raised from local groups and trout fishermen. Dedication ceremony was covered by two local newspapers.
- Removal of Temporary Erosion Control Bales on Bulieus Creek Near Glenwood City - Three chapter members drove 40 miles to the creek to remove 50 hay bales that we installed August, 1978, on a manure storage lagoon. This project originally was accomplished to impress the SCS with our strong concern over this type of erosion control on their design projects on streambanks. Our point was well received by SCS top echelon.
- Rush River Gravel Mining Permit on Rush River (Pierce Co.) - Our chapter's involvement and negotiations in the issuance of a permit for this operation continue with hope this issue will be resolved soon. Our involvement began in April, 1978. Kiap-Tu-Wish is extremely well represented by legal counsel from two chapter member attorneys.
- Raffle Fund Raiser - Held in April and utilizing a free Orvis Graphite Rod. The raffle was very successful.

- Involvement of Chapter Members in D.N.R. Electrofishing -
 - April - 4 days on Kinnickinnic River Project Areas
 - April - 3 days on Race-Willow Research Project
 - July - 2 days on Rush River Rainbow Trout Survey
 - Aug. - 3 days on Lower Willow River
 - Oct. - (anticipated) 3 days on Race-Willow Research Project
- Planned 1979 Projects - Float stock 10,500 trout in Lower Willow River (7th year). Burn 1/4 mile (one side) of brush on Kinnickinnic River generated by D.N.R. Crew last June

SOUTHERN WI. CHAPTER

- Jennings Creek - Removal of 6 Beaver Dams
- Rowan Creek - Clean-up Project
- Fly Tying - Sponsored 6 Classes
- Tipperary Project - Phase I - Brushing Complete; Phase II - Brushing to be Completed in Dec.
- East Towne Project - Fishing Seminar for Two Days with 18 Exhibits - Fly Tying Classes - Rod Building - Net Building - Fly Casting - Spin Casting - etc. We showed the movie, "The Way of a Trout" for 2 days continuously.
- Berg Pearson Sports Show - Demonstrations on Fly Tying and Rod Building
- Bohn Creek - Phase II Completed - Rocked in a Spring Head with 9 Yards of Rock
- Appeared on 2 Legislative Hearings on the Trout Stamp Bill and the Public Intervener
- Hosted the State Council Meeting in Beaver Dam
- Held 12 Monthly Board Meetings & 12 Monthly Membership Meetings

ANTIGO CHAPTER

- Seminar and Fishing Tackle Flea Market - Highly Successful Fund Raiser
- Printed Beaver Brochure and Set Up the Famed Beaver Committee
- Chapter Meetings with Topics of Interest
 - Vibert Boxes - Duke Andrews
 - Beaver Damage - Max Johnson

PROJECTS

NORTH WOODS CHAPTER

- Noisy Creek Project - Clearing Brush and Removing Beaver Dams
- This Fall - Sodding the Newly Developed "Under-Cut" Banks of the Prairie River - This Area is Where the D.N.R. put "Trout Stamp" Money to Excellent Use.

SOUTHWEST CHAPTER (DODGEVILLE)

- Harker-Lee Stream Improvement
- Annual Banquet
 - a. \$100 cash award to area farmer for soil conservation practice
 - b. \$50 Harry Nohr Memorial Scholarship award to area schools for water research projects
- Deer Hide Collection-Money Raiser
- T.U. Button Sales
- Monthly Newsletter
- Assist with Trout Planting
- Otter Creek Watershed Protection
- Spring Protection on Blue River
- Iowa County Map Sales
- Stream Watching

EPHEMERELLA SUBARIA

Gary Crawford, Field Editor
Fins and Feathers Magazine
St. Paul, Minnesota

The nymph of Ephemerella subvaria, which most anglers know as the Hedrickson, is probably familiar to most people. It is the first major mayfly emergence of the season in the Midwest. There are some others, but this is probably the most well known. Dun emergence, called hatching by anglers, occurs from late April through mid-May. It usually occurs in mid-afternoon, although I have seen it happen at 8:30 in the morning during hot spells in May. After the molt from dun to spinner, the flies make a mating flight over the stream. This usually occurs in early evening in reasonably good weather. Following mating and egg laying, the flies drop to the water. That is when trout feeding activity on the spinners occurs. The female Hendrickson drops her eggs from the air over riffles and

the egg stage persists for an unusually long time. The new generation of Hendrickson nymphs doesn't appear until after mid-summer. These eggs are laid sometime in May and there are, from my observations, no Hendrickson mayflies in the stream, other than the potential Hendrickson nymphs that are contained within the egg until sometime in late July. The life cycle is a year long.

Only one generation of flies is produced each year. Hendrickson nymphs hatch in early August, begin growing immediately, and continue to grow throughout the winter. The nymphs are, therefore, available to trout throughout the year. This is particularly important in early spring when the trout, which hasn't been feeding much during the winter, experiences an increase in metabolism due to the warming of water temperature and an immediate source of food is needed. The Hendrickson nymphs, which are large and available at that time through some changes in their behavior, provide food for these fish. There are other immature forms of spring and early summer emerging insects which also provide food at this time when the metabolic requirements of trout increase. The Hendricksons are usually associated with the larger Midwestern streams which often contain a fair amount of fast water.

Well known Hendrickson streams include the Namekagon, Brule and Wolf Rivers in Wisconsin. Luxemburg Creek near St. Cloud, Minnesota, is probably the Western limit of the Hendrickson distribution, although there may be populations on the Straight River in Minnesota. The color of the Hendrickson dun can vary from stream to stream, even though it is the same species. The Hendrickson spinner is characterized by transparent wings. In some other species there are some markings in the wings. Sometimes the body color changes a little bit. Prominent eyes are often characteristic of the male spinner.

LEGISLATIVE TOLL FREE TELEPHONE AVAILABLE

1-800-362-9696

This is the number to call to get information on legislation and to communicate with your legislator. The line is open working days 8:30-5:00 and will be answered in the offices of the Senate and Assembly Sergeant at Arms. Madison residents can use local number 266-9960.

ATTENTION!!!

STATE COUNCIL MEETING - NOVEMBER 3, 1979

The Fall Meeting will be held in Antigo at the Elk's Club (See Map).

Agenda:

- 10:30 - 11:30 - Business Meeting
- 11:30 - 12:30 - Beaver Damage Report & Discussion
- 12:30 - 1:30 - Lunch
- 1:30 - 4:00 - View beaver damage by bus and, weather permitting, we will go in-stream for a demonstration on taking out a beaver dam - Bring your waders.

There will be limited room for T.U. members in Antigo Chapter members homes. Jim Kalkofen must know who is staying overnight at least one week in advance.

Grouse season will be open and maps will be available for certain good areas. Duck hunting will be open as well as bow hunting. Some spring holes will still be open.

We hope to have representation from all chapters at this meeting since we have resource people and press people coming to our aid.

Meeting called to order at 11:20 a.m. by Jim Kalkofen

Minutes of the Spring State Council meeting were accepted as printed in the state newsletter.

Treasurer's Report:

Checking Account - \$156.62
Certificate of Deposit - \$500.00

Treasurer's Report was accepted as read.

Mr. Bob Worth - National Director - reported that the national membership was down by 1,000 members. Our national organization is very concerned about our lack of membership and will discuss the problem at the national meeting in Seattle.

Committee Reports -

Iron River Hatchery - no action
Boundary Brule - shocking survey is now in process with no evidence of muskies - fingerling trout are abundant.

Membership Drive - **** Motion was made and seconded to continue the membership drive for 3 months with reports due 15 days after the end of the contest. The winner of the contest will be determined by the percent of increase only.

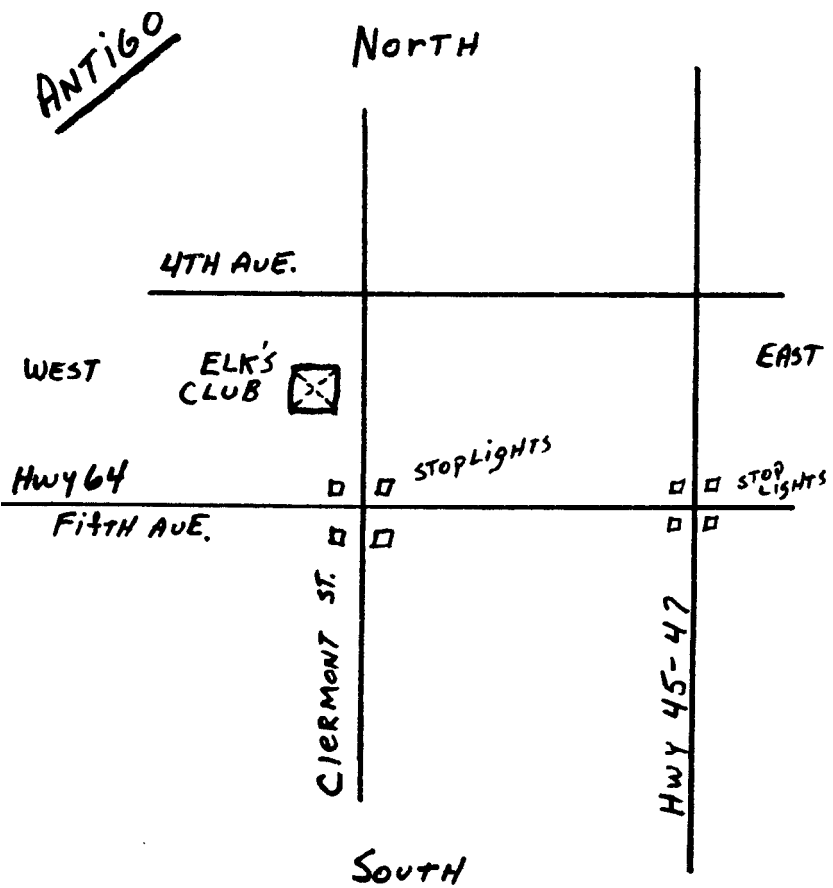
Fund Raising - Buttons are available but the sales are lacking. Central Wi. Chapter will be marketing caps with T.U. logo sometime in the future. Info will be sent to all Chapter presidents.

*** Fund Raising motion made and seconded. A percentage of any nationally sold T.U. fund raising will be donated to run the state council.

Legal - Verlin Peckham
Wetlands Bill - Southern Wi. and Green Bay Chapters went on record in favor of this bill. Motion was made and seconded that the State Council was in favor of AB 515.

Nominating Chairman - Nash Williams
The officers of the State Council will remain the same as last year:

- Tom Sopkovich - Chairman
- Jim Kalkofen - Vice Chairman
- Bob Heim - Treasurer
- Tom Flesch - Secretary



1979

RESEARCH AND PROJECTS COMMITTEE

J. Nash Williams

1. We funded a project on the Willow River for the Kiap-TU-Wish Chapter. This involved rip rap work on eroding banks for which the chapter had raised \$1500. We matched that.
2. An Operation Restore project was submitted by the North Shore Chapter involving planting, feeding, and releasing salmon in the Snohomish River.
3. From budget funds we sent \$1,000 to the Adirondack-Champlain Valley Chapter for a test project on the chemical METHOXYCHLOR which is being used by the New York State Department of Environmental Conservation, or with their permission to diminish black flies in the famous Ausable and other rivers. The New York Council of TU is vitally interested in this matter and last year financed a partial study. That study determined that some stone flies (ne-mouridae) were dislodged in great numbers by the application of this chemical, but whether death or recovery of the flies occurred was not determined. The present study should determine this. The biologists of the state are in support of the study and our committee was able to add some research information from the aquatic biologist in the University of Wisconsin. Political or legal action by the Council will probably be necessary if the study proves out as expected.
4. The New Jersey Council is in the early stages of its project to restore the South Branch of the Raritan River.

It is working closely with the state and the thermal information is vital. This requires water temperature monitoring devices, and TU is manufacturing metal cabinets to protect the devices. The council has also raised \$1,285 which is the amount of Mellon funds we have approved. We have an agreement with the Council that when New Jersey is not using these devices they can be loaned to other TU organizations.

5. We rejected an application from the Antigo Chapter in Wisconsin, because they had no matching funds, so to speak. This is unfortunate because beaver have become quite plentiful and damaging.

6. We presently have an application from the Ken Sink Chapter for a project of instream improvement on the Little Mahoning Creek, an Operation Restore project. Budget information and specifics of the work are still to be furnished.

Our committee had hoped for more projects. We sent two letters to all chapters and councils, and our Executive Director added his publicity. In addition, "TROUT" ran an article on Restore. At the last directors meeting we urged action with the assertion that we had assurance that if we finished restoring the Mellon Fund and had projects to use the present funds we could get more funds. No doubt the lack of money in hand has, in the past, slowed the submission of projects, but let us not forget that activity in the environment itself endears us to state officials and to the public. It is your reporter's belief that TU's vitality is that kind of basic action. It has distinguished us from some other groups who have chiefly been active in publicity and legal pursuits.

Thomas A. Flesch
State Secretary
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