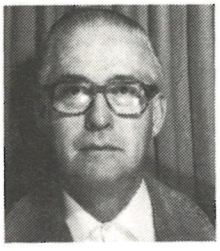
HUT!

Minnesota Canoe Association

May 1983 / Volume 19, Number 5

FIRST TRIES

WHY I AM NOT A WORLD-CLASS CANOEIST



PETERSON

Whenever people ask me at cocktail parties and other occasions why I'm not a world-class canoeist—or a canoeist of any kind, for that matter—I have a simple story to tell about my first (and last) encounter with a canoe.

Imagine, if you will, a Saturday afternoon in early October about 43 years ago. Picture in your mind a small resort nestled away in a remote part of New York State's Catskill Mountains.

Very early one Saturday morning, my folks and another couple had driven up from New York City for a brief weekend holiday. I had tagged along to get a change of air and scenery. We were at that time living in a suburban neighborhood in central Long Island, but even the Big City's suburbs featured relatively large expanses of unrelieved cement and asphalt.

At the time, I was a pre-teenager, not wise to the ways of the Great Outdoors. Our family vacations—which had been relatively infrequent during the 1930's—had all been taken in southeastern Iowa, where we visited my mother's relatives, who were then living on farms. Lakes and ponds are very rare in that part of Iowa's corn and hog farming country.

Cont. on Pg. 5

A PERSONAL REMINISCENCE



LaFOND

I must admit, when my husband, Tom, first approached me with the idea that our family might enjoy canoeing, I was a bit resistant. After a bit of discussion we agreed to try the sport of canoeing. I guess it was not the canoeing I was anxious about. I really love nature and the water, but the cost involved, setting up for the sport set me back a little. We needed everything: canoe, paddles, tent, sleeping bags, cookstove, lanterns, plus all the miscellaneous stuff needed to camp and canoe down a river.

When we first bought the canoe I thought, why don't we just putz around the inner-city lakes and play with it? I soon discovered that was not enough for myself or my family. There was literally no excuse, valid enough, to stop us from taking a bonafide river trip.

Tom had contacted some members of the MCA and signed us up for a trip, the Crow Wing River. The whole thing sounded a little scary, way up north in the wilderness. My imagination was seeing myself bumping into all kinds of wild monsters, like BEARS!!! How wrong I was. Allow me to reminisce a little.

We arrived at the site in Huntersville State Forest at about midnight, as you might know it was quite dark at midnight and also quite cold. Our seven-year-old son, Kevin,

Cont. on Pg. 6

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HUT!

HUT! is the signal on which paddlers change sides. It was first used by Tom Estes and Eugene Jensen in the 1940s as they won four Aquatennial canoe races. It was adopted as the title of the MCA magazine because it symbolizes the teamwork and coordination necessary for effective canoeing.

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Deadline For Each Issue:
Articles should be submitted to the Editor no later than the 10th of the month preceding publication. Send submissions to: George Sorenson, Editor, 2220-28th Ave. S., MPLS., MN 55406.

FROM THE EDITOR

Australian Kayakist Ron Bath will be setting out to run the entire length of the Mississippi River as you receive this edition of HUT! — about May 1.

Ron has competed in several Australian Kayak races, and has soloed the Murray River —longest in his native land.

His trip will be photographed by a 4-man Australian film crew and he will be accompanied by his younger brother and a friend who is a nurse.

If you would like to host Ron and his two-member crew during their Mississippi voyage, write HUT! a letter, and if we get it in time, will pass the information along to Ron. Also needed for their trip is a set of cooking pots, camp stove, perhaps even a 25-hp outboard motor for a pursuit craft and other miscellaneous pieces for camping gear. Again, write HUT! if you have anything you'd like to loan for the trip.

Proceeds from the trip will go to the Red Cross. Oh, think it sounds like a trip that's been done before, nothing new? Ron is paralyzed from the waist down, we believe making this trip the first of its kind.

George Sorenson, Editor

LETTERS

Dear Editor:

The article on Eric Sevareid's first book was of special interest to me. I am the "Rugland" referred to in the article and I am also a member of the Minnesota Canoe Association.

It was fun to reflect back on the genuine thrill my sons and I had, first on reaching York Factory, and next having the inspiration for the trip unexpectedly drop out of the sky like God himself. When the float plane came in we thought it was our transportation out. Sevareid was instantly recognizable when he stuck his head out of the plane. We stayed in York Factory two days with the Sevareid group and in fact had quite a party.

I would be delighted to get a few more copies of the March issue for sons Carl and Mark and for Bill Donahoe, the other member of the party. Regards, **Ted Rugland**

HUT! looks forward to receiving your letters and articles. All submissions must be typed, double-spaced, on white, 8½"x11" paper. We reserve the right to edit for length.

LETTERS

Dear Editor:

I'd like to address a few issues of our club's operation for the year ending December 1982. First of all I'd like to say that it's not my intention to cast a negative light on any of our officers or directors. I know what a thankless job being a volunteer can be and the last thing you need is a hassle over something which you're donating time, talent and expense to. In general I think 1982 was a successful year, but I prefer to think of it as a year of reorganizing and getting back on track.



FIG. 180.

Most of our members were probably unaware of the untimely death of the club's membership director last year, and the resultant job of sorting through his filing system and updating it. I'm sure many hours of work were exhausted to get the membership files back in order but unfortunately lapses in a few membership renewals occurred. If a simple article would have been published explaining the situation it would have enabled the membership to understand should they have been one of the few who had a lapse in their membership.

Of greater concern to me has been the long delay in publishing the yearly financial report or acting on our chapter rebate application. After receiving the preliminary figures from Venice yesterday and viewing a $373.06 deficit in the club's operation for 1982, it's a little easier to understand should the board of directors not act favorably on our rebate request. Unfortunately this whole matter should have been handled last December or January.

In conclusion, I think the club is getting back on track—only through a lot of hard work from our officers and directors, and I for one appreciate it. In 1983 I'd like to suggest better communications with the membership when there's a problem. If chapter rebates aren't possible this year I'd suggest the board consider a reduced membership cost for outstate chapters. If membership fees for outstate people reflected only the cost of HUT! plus a portion of the club's general overhead, I feel it would more accurately reflect an equitable charge for the services received by outstate members. If this were done I feel it would be a lot easier to sell outstate people on MCA membership and also enable local chapters to charge local dues without bringing the cost of membership for their people above that of the Twin Cities people. **Rick Luck**, Acting President, Twin Ports Chapter ■

MONTH'S PROGRAM

We will have several slides of different rivers in Minnesota and Iowa.

When: Tuesday, May 10th, 1983
7:00 to 10:00 p.m.

Where: The Prudential Insurance Company of America in their auditorium.
3701 Wayzata Boulevard. Located just off Highway 12 and Wirth Parkway.

We have been asked by the Public Relations department of Prudential to attempt to have at least 100 people present at this program, so your support is greatly needed. They ask no fee for the use of their auditorium, so it would be a good gesture on our part if we are able to meet their request to have 100 people there, or more.

call Jim Robinson, 588-5402.

BOARD MINUTES

April 6, 1983

The meeting was called to order at 7:45 p.m. by Venice Barsness, President. Kurt and Venice attended a canoe show in Madison, WI last month. They had canoes on display outside, and paddles, outfitting equipment, life jackets, etc. inside. There were many films on safety, and Harry Roberts gave a talk about power paddling.

Jim Robinson: There are no significant changes in the cruising schedule. The Upper Iowa River cruise is scheduled for May 14th and 15th. See the article in HUT! for this cruise. There is a trip scheduled for May 7th on the Crow River. See the calendar for trips planned for June.

Al Gustaveson: Al put together a form to fill out called "River Level Inventory." Look in the center of your May HUT! for this form. The MCA is selling resin without wax, and this problem is going to be taken care of.

Steve Stedman: Steve now has the computer system all set up for the MCA members, and has the capability of printing out the information on members (their name, address, etc.).

Kurt Kemppainen: Kurt mentioned that he needs more specific information about upcoming programs in advance in order to advertise them.

Chris Berne: George and Chris sent out a letter with a copy of HUT! to potential advertisers, and have already received some replies.

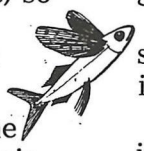
There was no further business, and the meeting was adjourned at 11:00 p.m.
Verna Robinson ■

BUILDER'S CORNER

By installing our bias strips first we got a good lesson about working with fiberglass. Now comes the time to do the main sheet on the outside of the hull.

Sand down any large lumps on the bias strips and wipe them off with acetone, removing any wax from the surface. Smooth out the glass over the entire hull and lay out any remaining bias strips in a handy place. Make sure that the temperature and humidity are right before you decide to glass.

Be sure that you have time (3-4 hours) so that you're not rushed. The same for your helpers. Once you start glassing, you can't stop until it is completed.



The size of the batches depends on the size of your crew and their experience. Beginners should settle for pints at first until they get a feel for the operation.

I never mix over a quart, even with experienced help. Pour a small puddle from your first batch on the boat bottom near the center. Use this puddle to wet out your rollers. As soon as they are wet out, start to spread this resin. Start by expanding the size of the first puddle, working the resin through the fabric into the wood below. You will know when the glass is wet out because the glass will turn transparent. As soon as this happens, move on to the next area.

Work from the center outwards toward the gunnels, completing a band across the hull. Expand this band keeping a fairly straight working edge. Begin working towards one end and go that direction for a few minutes. Now square up what you've done and move to the other edge and work that line for a while. You want to keep your edges moving so that you don't get a curing edge, don't let either sit for long.

Keep an eye open for any sign of the resin starting to jell. Discard any resin that is starting to set up.

If your first pot shows no sign of setting in the pot, you may choose to make the second batch slightly hotter. Continue this operation wetting out with the roller and stretching with your brush until you approach the ends.

When you get within inches of the ends, stop and trim. Cut the fabric $\frac{1}{4}$ to $\frac{1}{2}$ inch short of the end of the boat. Wet out the remaining glass and smooth it down over the bias pieces. When both ends are done, add all remaining bias strips. Immediately after finishing the first coat apply a second coat. The center section may be beginning to set up. If it hasn't, make your second coat hotter still.

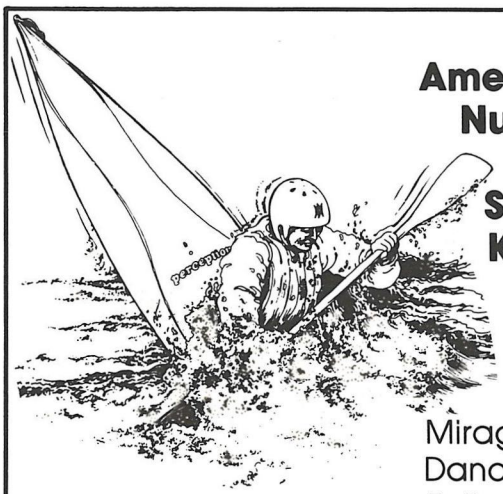
You may find "starved" areas as some of the resin has left the glass and soaked into the wood. The second coat should refill the weave of the fabric and eliminate any dry spots. Check for any remaining dry spots and add more only where needed. Clean your tools and yourselves and get some fresh air.

Check from time to time on your cure. If you catch it right (at the green cure stage) you can trim off the extra glass with a razor blade tool.

If the cure is slow, add heat. If it is very slow (2-3 hours), paint on a hotter coat. Keep the hull warm and dry until it has cured and then give it a day more before popping it from the forms. I usually sand the hull and give it a third coat, but not until the inside is done.

There are many alternate methods. My method has worked well for me. One of the best alternatives that I've heard of is to prime the hull with laminating resin (no wax). The surface stays sticky and the fabric is layed out and smoothed well on this tacky surface. The glass is wet out and its surface also remains tacky.

Any bias strips or other add-ons are applied. To cure the surface, mix a batch with wax added in and coat the surface. **Bob Brown** ■



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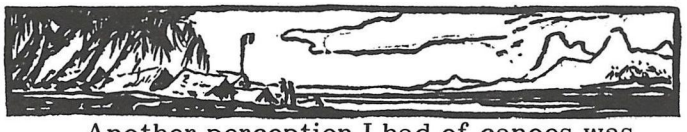
perception

Send for free color catalog:
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Continued

On that fateful Saturday afternoon in the Catskills, I wandered off by myself after lunch to explore the surrounding area. Behind the resort buildings, I found and walked along a brook that fed into a small lake (actually, a large pond of the Walden variety). On reaching the lake, I noticed a small pier extending out over the water, with canoes tied up along either side. These were not the modern kind of wide-bellied canoes; rather, they were the old-fashioned "skinnier" kind of canoes that were typically built of birch bark and other wood materials. At the time, aluminum canoes were not very common, and Kevlar canoes were many years away from being invented.

Like most people back in 1940, I associated the use of canoes with Sunday afternoon pleasure outings on the small pond at the neighborhood park. Young men wearing straw hats would strum their ukeleles and serenade their ladies fair as their canoes glided effortlessly through the crystal water, almost magically propelled by an occasional flick of the paddle.



Another perception I had of canoes was based upon the popular historical adventure movies of the 1930's, such as "Drums Along the Mohawk." The Indians and colonial settlers in such movies were extremely proficient at handling canoes even in white water, and almost miraculously survived passage over smaller waterfalls. Thus, I associated the use of canoes with pleasurable and controllable activities and was blissfully unaware of the hidden dangers inherently lurking in their unstable design and watery operating environment.

The rest of my story is absurdly simple. My curiosity led me to get into one of the canoes and to release the tie rope. As I was adjusting myself to the narrow crosspiece that served as a seat, and was reaching around behind me to grab the paddle, the canoe started to wobble—uncontrollably. The wobble got worse. I frantically tried to reach over to grab the edge of the pier, but the canoe had already drifted a small but decisive distance away. You guessed it: I lost my balance completely and was unceremoniously dumped into three feet of cold, early autumn lake water.

Even though my dunk in the lake wasn't total immersion, it still made a believer out of me. For more than four decades, I have suffered from my own special version of canoe/lake hydrophobia. Possibly, I'll try canoeing again sometime when I'm so far along in years that it won't matter much what happens to me—one way or the other! **Roy E. Peterson** ■



SALE!

April 30 - May 7

Eureka Timberline Tents $99.95
Coleman Peak 1 Lantern or Stove $37.95
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North Face Sleeping Bags - CHEAP!
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Wed. April 27 **"Whitewater Canoeing in the Midwest"**
This is an exciting audio-visual slide show put together by local canoeing enthusiasts, Terry Lemke and Dave Garron.
7:30 PM **Minneapolis Store**

Sat. April 30 **Canoe and Kayak Demo**
12 noon to 4 PM **Lake Nokomis**

Sat. April 30 and Sun. May 1 **See us at "Fitness '83", Minneapolis Auditorium**

Wed. May 4 **Kayak Touring**
Andy Knapp and Bivy Pete take you to kayaking adventures on Alaska's wild rivers and fiords, Lake Superior's rugged north coast, and the BWCA.
7:30 PM **Minneapolis Store**

Sat. May 7 **Canoe and Kayak Demo**
12 noon to 4 PM **Lake Nokomis**

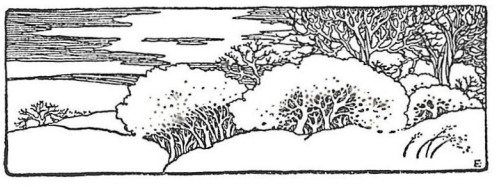
Wed. May 11 **"Everest Unmasked"**
This is the first local showing of anew movie depicting Reinhold Messner and Peter Haebler's first oxygen-free ascent of Mt. Everest.
7:30 PM **Minneapolis Store**

Wed. May 18 **"Canoeing"**
Learn the basics. The Minnesota Outdoor School, a joint project of the Minnesota Dept. of Natural Resources and the Minnesota Dept. of Education will discuss where to go, equipment selection, Minnesota's rivers, BWCA permits, etc.
7:30 PM **Minneapolis Store**

Sat. May 21 **Canoe and Kayak Demo**
12 noon till 4 PM **Lake Nokomis**

Sun. May 22 **Camping Basics** presented by Midwest Mountaineering and the Hennepin County Parks. Tent, pack, sleeping bag, cookware, freeze dried food, and other essentials for a great weekend. Demonstration and discussion.
Cleary Lake Regional Park, Savage

Wed. May 25 **Hiking and Backpacking in Minnesota**
The Minnesota Outdoor School will be on hand to describe packing basics as well as show the way to our states. "Somewhat secret" backpacking and hiking trails.
7:30 PM **Minneapolis Store**



TRIP REPORTS

PENNY MIELKE'S OKEFENOKEE LOG

3/17—The Wildlife Refuge people want you in and on your way by 10:00 a.m., thus we were up before dawn in order to make it over to Kingfisher Landing, our designated put-in. We left Ed's car at Stephen Foster, drove over to Folkston to pick up our permit (normally they mail this out to you—why they didn't in our case, I don't know) and were on the water by 10:30 a.m., leaving the world behind.

We paddled in and out of rain, across swamp prairies, down paths lined with Golden Club, through brush-formed tunnels . . . watching . . . listening. We camped that night on Maul Hammock, a 20'x28' wooden platform, one-half of which is covered by a roof.

Our two 4-man Eureka Timberlines, 2-man pop tent and 4-man Diamond Brand Free Spirit fit comfortably, with plenty of room to spare. A portable toilet with disposable bags is required of each canoe party even though the platforms are outfitted with chemical toilets. That night a raccoon tried to make off with ours. Janice waylaid him with her paddle.

Next morning, right where she had won the battle, coiled up in the brush, was a VERY formidable looking snake.

3/18—Even more memorable than the beauty we encountered this day was Ed's challenge to a race. Our boats were getting to him (he was paddling a Grumman). Remember Walt Kelly's Pogo comic strip set in the Okefenokee? Well, that afternoon there is no doubt in my mind but that Walt Kelly's spirit paid us a visit.

When we reached Big Water platform, Ed couldn't leave our boats alone. Dick, too, was smitten; particularly with Boyd's boat. The affair was cooled somewhat when he went over; but Dick seemed pretty tenacious.

Every platform has a book in which each trip leader jots down a sentence or two of significance to pass along to the next party. The leader preceding us wrote "watch for snakes falling off the platform roof." Even Ed's snake bite kit wasn't much consolation.

The sounds at night were wonderful. Owls, alligators, frogs . . . Earl . . . (I couldn't hear myself. OFTEN told about it.)

I wouldn't trade my memories . . ."
RIGHT ON!



was awake and also very anxious to help his Dad set up the tent. I was content to remain in the car with our three-year-old daughter, Lauren, until our shelter was constructed. As Kevin happily lept out of the car the door slammed shut and to his misery his thumb was in it. So, my first duties on this outing was in the role of first aid administrator, to our very brave, but very pained, little camper.

Some of the group who we were camping with were seated around the campfire. I think they realized our plight and helped Tom and Kevin set up the tent so we could bed down. Our son had recovered enough to realize he would not die from his injury and helped us unload and organize.

In the morning Tom awoke first and went to see where we were. I stayed in the tent attempting to clean myself up. I had no idea how bad I looked and the Wash 'N Dry I was using was little help at best. I struggled through making a bacon and egg breakfast, while some of the group in our camp looked on. I was a little confused, I didn't know what was of interest until I noticed they were all dining on instant oatmeal and I wished I was in their place, no mess to clean up and it tastes much better than cold bacon and greasy eggs. I learned my first lesson that morning and vowed never to bother with that mess again.

The shuttle came next and I started to feel a part of the group. We were beginning to feel the anticipation of getting to the water. We too were soon in the water and on our way downstream. I could not believe the intense feeling of freedom watching the wild surrounding move lazily by. The weather turned out just right and the scenery was breathtaking.

From that day on we became hooked on canoeing. The solitude of the float and the contact with nature put the stresses of everyday life far behind us. I could almost say it saved my sanity. My senses were alive with the new sights and smells. We watched the turtles duck under the water and the children squealed with delight. The discovery of a muskrat hovel was exciting and watching the water birds soar above and swoop in to make a splashy landing was a thrill for all of us.

We all look forward to our trips and cannot wait to put the canoe in the water this year. The hard part is over for us now, we have acquired most of the equipment we feel necessary for river tripping and now feel the money that we spent buying our equipment was the wisest used money than any other purchase we have made in the past. **Dale La Fond** ■

ACTIVITIES

COME PADDLE WITH US

Wednesday, June 8, 6:30 p.m.

Paddle someone else's canoe.

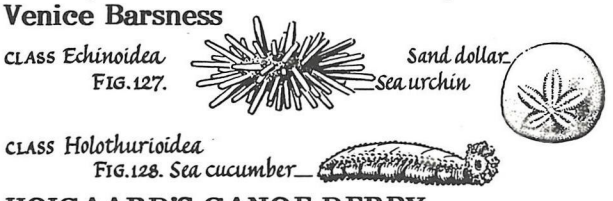
If you have a canoe you've built yourself, please bring it out and show it off; let someone else try out your handiwork. If you have a factory built canoe, no one will point at you for bringing it along.

The canoes will start to arrive about 6:00 p.m. and will start to disappear about 9:30 p.m. It's going to be a nice night (no canoeist would stay off the water due to a little rain).

Bring a friend and a change of clothes, your raingear (just in case) and enjoy yourself.

Meet at the west side of the Mississippi River just south of the Broadway Street bridge.

Venice Barsness



HOIGAARD'S CANOE DERBY

What: A series of five four-mile canoe races, structured as a championship series for recreational paddlers. ALSO, a separate but simultaneous C-1 championship for experienced racers.

When: Every Wednesday evening in June (1, 8, 15, 22, 29). Registration will be from 5:30 to 6:30. The race will start at 6:45.

Awards: Ribbons to the top teams each Wednesday. Overall awards to the top teams in the series (determined by the best times in three out of the five races). Special Canoe Derby T-shirts to teams finishing three out of five races.

Entry Fee: $2.00 per person for each race, or free to each person who joins the Racing Chapter of MCA.

Classes: Derby Division—Men, Women, Mixed, Kids (15 and under). C-1 Division—Men, Women, Kids.

Equipment: Any canoe 17 feet or less. Life jackets required. Any single-bladed paddle may be used.

For full information send SSAE to:

CANOE DERBY, 245 Paisley Lane,
Golden Valley, MN 55422

C-1 CHAMPIONSHIP: Same as above except distance will be 9 miles.

If you have any questions please call Jerry Kassanchuk, 541-9810. ■

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CALENDAR

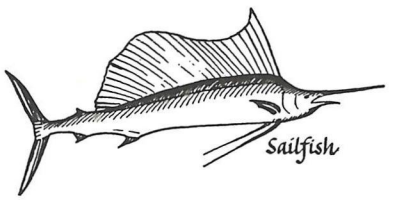
May Sunday 1

WATERTOWN LIONS ANNUAL WORLD CHAMPIONSHIP CANOE RACE
Watertown Lions, Box 791
Watertown, MN 55388

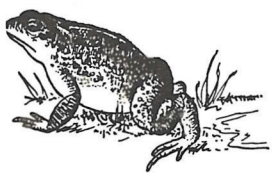
Monday 2

EMS CANOE DEMO
On-water clinic with Mad River Canoes. Come paddle with EMS staff and Peter McMullen from Mad River. 5:00 p.m. Call store for details and location. 631-2900
1627 W. County Rd. B, Roseville

SUBPHYLUM *Vertebrata (cont'd.)*
CLASS *Pisces*
FIG. 134.



CLASS *Amphibia*
FIG. 135. *American toad*



Saturday 7

MORA CLASSIC CANOE RACE
Snake River to Mora. 9:30 a.m.
FMI, contact Mora Classic,
P.O. Box 71, Mora, MN 55051

CROW RIVER CRUISE ●
Hanover to Dayton.
FMI, call Jim Robinson 588-5402

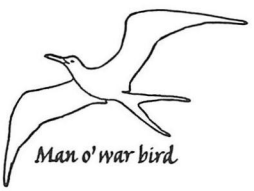
Sunday 8

BLUE EARTH CANOE RACE
Citizen race in Blue Earth.
FMI, contact Scott Ankeny
811 S. Galbraith, Blue Earth,
MN 56013

Saturday 14

MISSISSIPPI RIVER CRUISE ●
Hastings for Red Wing. Raincheck date—Sunday 17th. FMI, call Bob Brown 432-7557

CLASS *Aves*
FIG. 137.



Saturday, Sunday 14, 15

UPPER IOWA CRUISE ●
FMI, call Jim Robinson 588-5402

WHITEFACE RIVER CRUISE ●
Approx. 26 miles. Flatwater & Class I. FMI, contact Gardner Ellis (218) 728-5304

Saturday, Sunday 21, 22

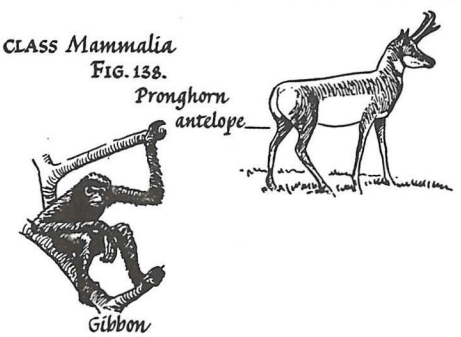
LITTLEFORK CRUISE ●
Flatwater and Class I & II
FMI, call Jerry Challman (218) 724-6126

Sunday 22

ROOT RIVER CRUISE ●
FMI, call Ardell Gorman (507) 433-7465

BLUE HERON CRUISE ●
Sauk River, Cold Spring-St. Jo.
FMI, call Dale Schleppenbach
1-685-8490

CLASS *Mammalia*
FIG. 138.



June Wednesday 1

MONTHLY DIRECTORS' MEETING
Al Gustaveson, 1091 Hawthorne Avenue East, St. Paul. 7:30 p.m.
All members welcome.

Friday-Sunday 3-5

CROW WING CRUISE ●
FMI call Bill Marcouiller
789-0074

Wednesday 8

COME PADDLE WITH US
Try one of our canoes. Mississippi River South of Broadway Bridge on West side of river. 6:30 p.m.

River Level Inventory~ What, Why, How

The Minnesota Canoe Association and the Department of Natural Resources are cooperating in a joint project to inventory river conditions at various water levels on the State's canoe routes. MCA will be distributing forms, and the DNR analyzing the results, then making them available through the River Level Reporting Service.

The goal of this project is to develop more reliable information on what river conditions at different water levels are like: when it becomes too shallow, where the currents become swift and powerful and when normally passable areas, such as rapids or boulder beds become significantly more difficult. We want to be able to better inform the public when conditions are DANGEROUS!

The Report Form is simple. Look it over before your trip to get an understanding of the kinds of information asked. Add as many comments as you wish. And remember, we need reports from canoeists of all skill levels.

Included here is a list of all the river gauges readable from the water or bridges, a copy of the postage-paid report form and order blank for FREE DNR MAPS. For best results, use a DNR Canoe and Boating Route Map for the river you'll be running. They show river mile locations, gauge locations, access points, rest areas, etc.

GAUGES: There are 38 Gauges on 17 rivers. The Crow Wing and Red Lake Rivers are the only rivers that don't have canoeist-readable gauges. Keep this in mind as you plan your trip. You may want to drive past a gauge on your way to the put-in or take-out point, if you won't be passing it during your trip. Gauges are typically on bridges, but in many cases you'll have to look around for them.

LOOKING FOR TRIP REPEATERS: We are looking for a variety of canoeists of different skill levels, to canoe the same segment of river, at least three or four times, from the beginning of the season to the end. This will give us a control group. The same person repeating a stretch at different water levels, can provide much more detail on how the experience changes.

If you are able to commit to running a segment like this, CONTACT: Al Gustaveson (612) 778-8525

ADDITIONAL FORMS, GAUGE LISTS, RIVER MAPS:

WEEKENDS: Verna and Jim Robinson (612) 588-5402 - you can leave a message on their answering machine.

WEEKDAYS: DNR (612) 296-6699 Or, write the DNR or MCA

MAP ORDER

Mail To:
DNR Trails and Waterways Unit
Box 52 Centennial Bldg.
St. Paul, MN 55155

PLEASE LIMIT YOUR ORDER TO NO MORE THAN 10 MAPS

NAME: _____
Please Print

ADDRESS: _____ DATE: _____

CITY: _____ STATE: _____ Zip Code: _____

Canoeing and Boating Route Maps

- ☐ (BF) Big Fork
- ☐ (CN) Cannon
- ☐ (CG) Crow Wing
- ☐ (NF) Crow/North Fork
- ☐ (DM) Des Moines
- ☐ (KE) Kettle
- ☐ (LF) Little Fork
- ☐ (RL) Red Lake
- ☐ (RO) Root
- ☐ (RU) Rum
- ☐ (SL) St. Louis
- ☐ (SN) Snake
- ☐ (SR) Straight
- ☐ (VE) Vermillion
- ☐ (ZU) Zumbro

CLOQUET
- ☐ (C1) above Island Lake
- ☐ (C2) below Island Lake

MINNESOTA
- ☐ (M1) Ortonville to Granite Falls
- ☐ (M2) Granite Falls to Highway 4
- ☐ (M3) Highway 4 to Le Sueur
- ☐ (M4) Le Sueur to Fort Snelling

ST. CROIX
- ☐ (S1) Trego, WI-St. Croix St. Pk.
- ☐ (S2) St. Croix St. Pk.-Hwy. 70
- ☐ (S3) Hwy. 70-Wild River St. Pk.
- ☐ (S4) WR St. Pk.-Osceola Bridge
- ☐ (S5) Osceola Br.-Miss. R.

MISSISSIPPI
- ☐ (MA) Lake Itasca to Cass Lake
- ☐ (MB) Cass Lake to Deer River
- ☐ (MC) Deer River to Libby
- ☐ (MD) Libby to Highway 6
- ☐ (ME) Hwy. 6 to Camp Ripley
- ☐ (MF) Camp Ripley to St. Cloud
- ☐ (MG) St. Cloud to Anoka
- ☐ (MH) Anoka to Fort Snelling
- ☐ (MI) Ft. Snelling to Hastings
- ☐ (MJ) Hastings to Red Wing
- ☐ (MK) Red Wing to Wabasha
- ☐ (ML) Wabasha to Winona
- ☐ (MM) Winona to LaCrescent
- ☐ (MN) LaCrescent to Iowa Line

River Level Gauge Locations

RIVER	RIVER MILE	COUNTY	GAUGE LOCATION DESCRIPTION
BIG FORK	134.7	Itasca	State Highway 34 Bridge Crossing at Big Fork, downstream side.
	51.2	Koochi ching	Railroad trestle at Big Falls.
CANNON	50.3	Rice	Foot Bridge at Cannon River Wilderness Area Park
	42	Rice	5th St. Bridge above dam in Northfield.
	25.6	Goodhue	Pier on Highway 20 Bridge in Cannon Falls. River Right, downstream metal gauge.
	13.0	Goodhue	CSAH 7 Bridge at Welch. Middle bridge piling, upstream side; painted gauge.
CLOQUET	60	St. Louis	Cedar Bay Campground Access.
	10	St. Louis	U.S. Highway 53 Bridge, 13 miles west of Duluth.
DES MOINES	36.5	Cottonwood	State Highway 60/U.S. Highway 71 Bridge Crossing in Windom.
KETTLE	28.8	Pine	State Highway 23 Bridge Crossing in Banning State Park; river left, downstream.
	13.8	Pine	State Highway 48 Bridge Crossing, about 4 miles east of Hinckley.
LITTLE FORK	139	St. Louis	Railroad trestle in Cook, about 3/4 mile east of of U.S. Highway 53, near Phillips 66 station.
	20	Koochinching	U.S. Highway 217 Bridge at Little Falls.
MINNESOTA	238	Renville	Renville CSAH 10 Bridge Crossing, near Upper Sioux Agency State Park (SE of Granite Falls).
	177.8	Yellow Medicine Nicollet	State Highway 4 Bridge Crossing, near Fort Ridgley State Park, West of New Ulm.
MISSISSIPPI	1329.6	Clearwater/ Beltrami	CSAH 9 Bridge at Coffee Pot Access. Gauge located River Right, downstream.
	1315.3	Beltrami	CSAH 5 Bridge. Gauge located River Right, downstream. (about 10 miles west of Bemidji)
	1291.8	Beltrami	Grant Valley Township Road - wooden bridge. Gauge located River Right, downsteam. (About 3 miles southwest of Bemidji adjacent to County Road #7).
	1221.5	Itasca/Cass	U.S. Highway 2 Bridge Crossing near Ball Club.
	1141.3	Aitkin	State Highway 200 Bridge at Jacobson.
	1032.6	Crow Wing	CSAH 6 Bridge 4 mile N of Crosby. Northside, painted gauge.
NORTH FORK OF THE CROW	102.5	Meeker	CSAH 2 Bridge at Forest City.
ROOT	34.5	Fillmore	State Highway 43 Bridge at Rushford.
RUM	137	Mille Lacs	Onamia Dam - Highway 27. Metal gauge.
	83.1	Mille Lacs	State Highway 95 Bridge in Princeton; River Left, downstream. Painted gauge.
	39.8	Isanti	State Highway 95 Bridge near Cambridge; River Right, downstream, painted gauge
ST. CROIX	97	Pine	Highway 70 Bridge, 3 miles west of Grantsburg, Wisconsin. Metal gauge.
	48	Chisago	State Highway 243 Bridge Crossing to Osceola, WI. River Right, downstream. Painted Gauge
ST. LOUIS	53.1	St. Louis	CSAH 52 Bridge East of Toivola.
	33	St. Louis	CSAH 8 Bridge at Floodwood, downstream side.
	13	St. Louis	U.S. Highway 2 Bridge South East of Brookston, downstream side.
SNAKE	82.5	Aitkin	U.S. Highway 65 Bridge at McGrath; River right, downstream. Metal gauge.
	56.0	Kanabec	CSAH 3 Bridge (11 miles north of Mora on Highway 65, then 3 miles east on CSAH 3).
	39.5	Kanabec	U.S. Highway 65 Bridge at Mora. River right, upstream. Metal gauge.
STRAIGHT	27.2	Steele	Railroad trestle at Morehouse Park in Owatonna
	17.1	Steele	CSAH 24 Bridge in Medford.
VERMILION	25.5	St. Louis	CSAH 24 Bridge at Buyck.
ZUMBRO	48.3	Wabasha	U.S. Highway 63 Bridge in Zumbro Falls.

Tear

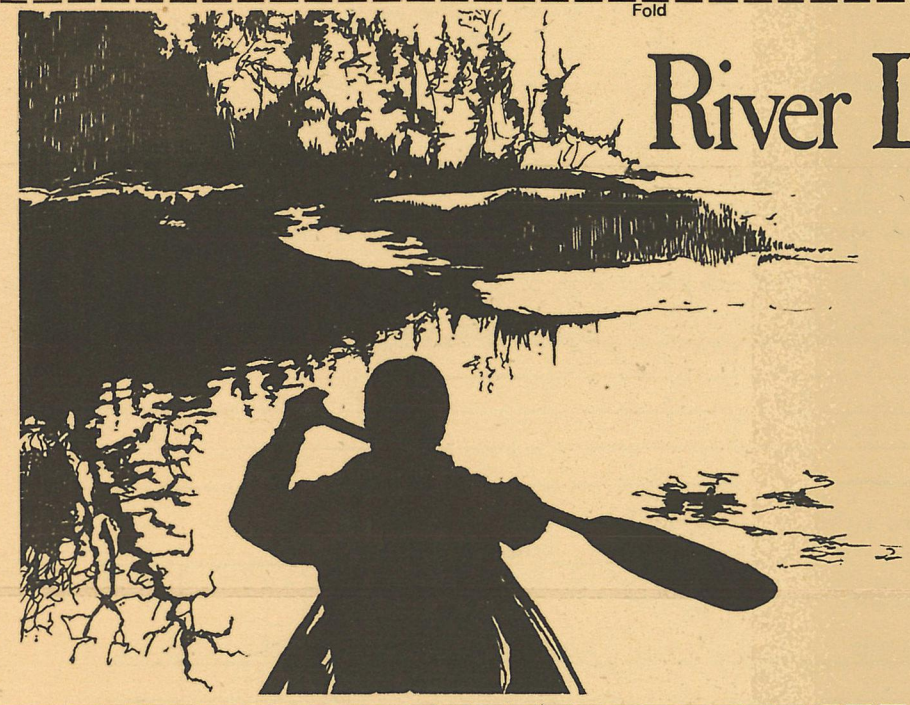
STATE OF MINNESOTA
Department of Natural Resources
Trails & Waterways Unit
Box 52 Centennial Office Building
St. Paul, Minnesota 55155

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Fold



River Level Inventory

MINNESOTA CANOE ASSOCIATION

Minnesota DEPARTMENT OF NATURAL RESOURCES

A Cooperative Effort

Fold

Thanks for your help!

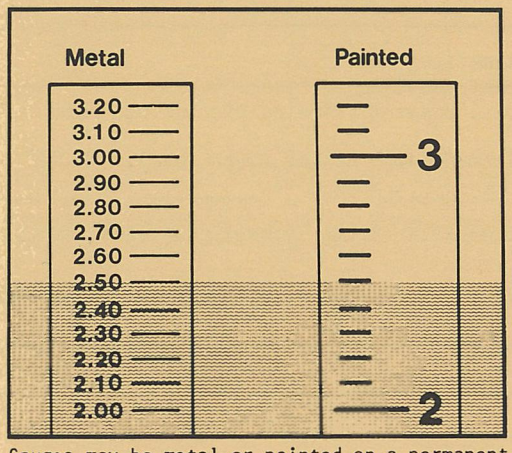
By volunteering to read gauges and describe river conditions, you will help us to improve the reliability of our river level information service. This will lead to safer and more enjoyable canoeing on Minnesota's streams--a benefit for all.

INSTRUCTIONS

*Read the gauge--its critical to the success of this project.
*Use a free DNR Canoe Route Map--it will give you accurate information on river miles, access locations, etc.
*Use ball point pen or pencil and try to keep the form dry--(waterlogged smudges won't help us)
*Have a safe and enjoyable trip!

If you have questions, or would like additional forms, maps, or gauge lists, contact the DNR (ph.612-296-6699) or the Minnesota Canoe Association (P.O. Box 14207, University Sta., Mpls, Mn 55414).

Reading a gauge



Gauges may be metal or painted on a permanent place such as a bridge pier. Read the number to the nearest tenth at the water line at the time of your trip. The examples show a water level of 2.5.

Tear

River Level Inventory Form

River_____ Date_____

Put In Place (river mile)_____ Time_____

Take Out Place (river mile)_____ Time_____

Gauge Location (a)_____ Gauge Reading (a)_____

(b)_____ (b)_____

Home Zip Code_____ Names(s) + Phone Number_____

Experience: estimate number of rivers you have canoed _____ Estimate your years of canoeing experience _____

_____

1. Estimate the number of times on your trip the canoe:
   _____ dragged on the bottom _____ hit rocks _____ ran aground

2. How many of these collisions were due to low water conditions as opposed to your skill level?
   _____ dragged on the bottom _____ hit rocks _____ ran aground

3. How did you feel about this frequency of dragging on the bottom, running aground or hitting rocks?
   (circle one number) Didn't bother me at all 1 2 3 4 5 Wouldn't canoe again at this water level

4. We need to know how the flow of the river affected your trip. In general, was the current:
   (circle one number) Slow and placid 1 2 3 4 5 Swift and powerful

5. Which of the following did you encounter on your trip?
   _____ Riffles _____ Fast water with large standing waves
   _____ Rapids, Passable _____ Rapids, not passable, due to (high or low) water, circle one

   Please comment on particular areas, if you feel they put you at risk or in danger:

ITEM	LOCATION	DESCRIPTION, COMMENT ON RISK

6. Did any of the following present a hazard to you on you trip? (check all that apply)
   ____snags ____low bridges ____overhanging tree limbs ____fences ____other: identify_____

   If you checked any of these, please describe:

ITEM	LOCATION	DESCRIPTION, COMMENT ON RISK

7. Total time spent on trip: _____hours
   Time spent canoeing or floating: _____hours
   Time spent playing, fishing picnicking, resting, etc.: _____hours

8. General Conditions of the river level:
   _____very low _____low _____moderate _____high _____very high

9. Other Comments: (e.g. overall canoeability; quality of experience; conditions of facilities; etc.)

_____

_____

_____

Thank you for your time and assistance
4-83

Wednesday **4**

MONTHLY DIRECTORS' MEETING
Minnesota Federal Savings & Loan
Grand Ave. & Fairview, St. Paul
All members welcome. 7:00 p.m.

Wednesday **4**

EMS CANOE DEMO
On-water clinic with Sawyer Canoes. Harry Roberts will bring a selection of Sawyer canoes for you to try. 3-7:00 p.m. Call store for details and location. 631-2900 1627 W. County Rd. B Roseville

Thursday **5**

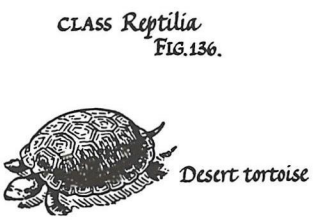
SOLO GET-TOGETHER
Lake Rebecca Park, Hastings. Try different solo canoes. See article for details. FMI, call Bob Brown 432-7557

Monday **9**

CANOEING THE FAR NORTH
Slide presentation series. Thelon and Hanberry Rivers in Northwest Territories. Stillwater Public Library, 223 North 4th Street. 6:30-8:30 p.m.

Tuesday **10**

MONTHLY PROGRAM
Prudential Insurance Company Auditorium. 3701 Wayzata Blvd., Minneapolis. 7-10:00 p.m. Slide presentation and discussion on small river trips. See article for details.



Saturday, Sunday **14 & 15**

SAVANNA PORTAGE CRUISE ●
Annual St. Cloud Chapter trout fishing trip. FMI, call Mike Zapf 251-4620



Sunday **15**

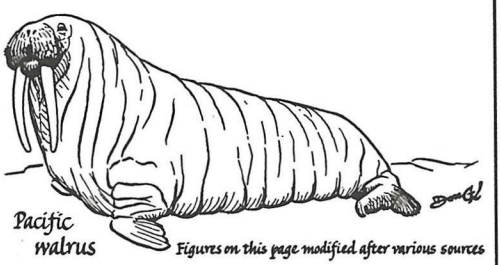
JENSEN HANDICAP
Annual pairing of pro and rookie, Brooklyn Park. FMI, call Chris Berne 929-5714

Saturday-Monday **28-30**

WISCONSIN WHITEWATER TRIP ●
Wolf, Peshtigo, Menomonie. I, II, III. FMI, call Mark Cline 823-6074 or Sue Wilmes (218) 724-0128

May 24-June 1

SESQUICENTENNIAL CANOE VOYAGE ON THE MISSISSIPPI
180 miles, Dubuque to Burlington. Sue Smith, 922 North Third Burlington, IA 62601



Figures on this page modified after various sources

Friday-Sunday **25-27**

BIG FORK CRUISE ●
FMI call Al Gustaveson, 778-8525

Thursday **30**

MISSISSIPPI LOCKS CRUISE ●
Evening trip. FMI call Harlan Nickerson, 933-6601

● Denotes CRUISE

CHAPTER NEWS

Mississippi Mud

LONG DISTANCE CANOE RACERS

President — Allan Rudquist, 521-9734
Records — Penny Milke, 776-1935
Race Calendar — Warren Thunstrom, 780-3284
Mississippi Mud Editor — Jenny Graham, 378-1261

WEEKDAY TRAINING RUNS 1983

Training is a lot more fun when you're paddling along with another few teams. Weekday training runs provide a meeting place for paddlers who are actively preparing for a race or for rookies who just want to get in a racing canoe and give the sport a try. Monday night is designated "Rookie Night," where just about anybody from the superstars to the upstarts show up. Everyone who has a canoe brings it; rookies, who are not usually the owners of any gear, are matched up with those more advanced paddlers who can loan them paddles and the other end of the canoe. The rest of the week you should call the organizer of that training run and make sure you will be meeting a partner there. All that is required to be a training run organizer is to have a phone and a strong index finger. Especially during the spring, when everyone is eager to be out on the rivers as much as possible, it is very easy to find partners and arrange practice sessions. Training runs start by 6:00 p.m., earlier in Anoka.

Monday	Rookie Racers, U of M Showboat Landing on the Mississippi. Karl Ketter 636-8116
Tuesday	Anoka County Fairgrounds, Rum River. Steve Peterson 753-2921
Wednesday	C-1 and Citizen's Racing, Lake Calhoun. Jerry Kassanchuck 541-9810
Thursday	Anoka, Steve Peterson Hastings-St. Croix River, Walt Hirschey 437-7424
Friday	Princeton-Rum River.

POINT SYSTEM

The 1983 point system has been organized. The six "points races" have been weighed by amount of prize money and difficulty of race. Points will be awarded by finishing position, i.e. at a 30-point race, first place will receive 30 points, second 29, etc. The goal of the point system is to encourage participation and eventually establish a Minnesota Professional Racing circuit. Therefore, the points are distributed so that by attending the smaller races one can make up for poor showings at the big races. Once again, silver bowls will be given to the highest point-getter in the following categories: Rookie, Intermediate, Expert and Master. Also, this year two Women's bowls will be given in the Rookie and Expert classes.

Point Races

Princeton	June 4	60 points
Duluth	July 23	30 points
Cook	July 24	30 points
Atikoken/Ely	July 30-31	50 points
Mpls. Classic	August 6	50 points
Fairmont	September 18	30 points

There is the possibility of two races being added: Little Falls and Mankato, both 20 points. Read MUD for further details.

State Championships

Women's	August 7
Mixed	September 25
C-1	June?

WHITEWATER RAPIDS RIDERS

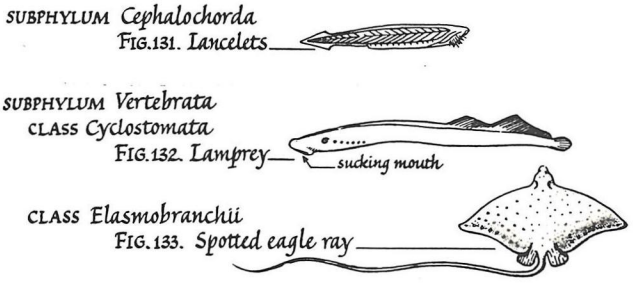
RAPID RIDERS

Whitewater trip being planned by Terry Lemke for Hells Gate on Kettle River on June 25, June 26. Call 331-2978.

Kayak course will begin in July. The cost of the course will be $5 and will be limited in size. First to sign up for course will be lucky.

Other trips will be coming but trip leaders had not gotten back to me as of press time. I recommend that you attend Rapid Rider meetings so that you can meet other paddlers and start planning trips.

The Rapid Riders are a canoe and kayak club dedicated to the fun, preservation of good whitewater, safe paddling, and the encouragement of competition. We invite you to join us at our next meeting on May 11 at Vali West Restaurant at Cedar & Riverside in Minneapolis. Be at the restaurant at 6:30 p.m. if you're hungry, 7:30 if you are not hungry.



St. Clöûd Cånöè & Kåyåk

Mike Zapf President 722-7069

The minutes of the last meeting were read and were approved.

Chuck Wocken from the Stearns County Park Department gave a report on a new canoe gate that they have tried out on the Sauk River as an experiment. It allows the farmer to keep his cattle in check and lets the canoes go through with no trouble.

Tom Meier gave a talk on hypothermia based on his experience in the Navy and on the studies he has made.

The trip to Savanna Portage on May 14th has been cancelled because the leader has to attend a wedding that day. The trip on the Sauk River scheduled for May 22nd has been moved to May 29th. **Polly Hoover**

DULUTH TRAVELER



President: Rick Luck, 18 W. Owatonna Street, Duluth, MN 55803 724-7992
Cruising: Liz & Fred Freeman, 525-6486
Whitewater: Sue Marsh, 879-5581
Racing: Jim Wheeler, 722-8010

If you haven't been boating yet, you're really missing out. The trout have been spawning in the Brule for almost a month. The Cloquet has been at a fun level, not too high for the recreational boater. The more aggressive whitewater boaters have been doing their thing on the Kettle for over a month. If you've wanted the encouragement of warmer weather, don't miss any of the upcoming trips this month on the Whiteface, Lifflefork or Wolf rivers. The usual impromptu whitewater trips are also still going on every weekend so don't be afraid to call for an update.

Under the matter of old news, in case you didn't hear, the Hungry Jack ski trip was a great success. We managed very well even without the leadership of the organizer, Sue Marsh, who ended up stranded in Mexico for an extra week and missed the trip altogether. If you've got to be stranded, Mexico's not a bad place to have it happen.

It's not too early to mark your calendar for June 16th. That's the date of our next general membership meeting at Godfather Pizza. It will be at 7:00 p.m. again and we will be electing officers for the year. We'll also be going over some of the upcoming trips if you've got a question on one that you're thinking about.

Desert (Austin)
Ardell Gorman
810 Tenth Avenue
Austin, MN 55912
(507) 433-7465

3M
Chuck DeVore
1611 Eugene
White Bear Lake,
(612) 429-8256

Voyageurs
John Wheeler
2690 Huron Street
Roseville, MN 55113
(612) 633-6500

Southern Minnesota
Larry Kriesel
P.O. Box 629
Owatonna, MN 55060
(507) 451-0325

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*Boundary Waters
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Ely, Mn. 55731

CRUISIN' ALONG

Some items are essential to any cruise, whether it be a short one-day trip, or two weeks in the BWCAW. It goes without saying that PFD's are an absolute requirement. They should be worn, not just carried in the bottom of the canoe.

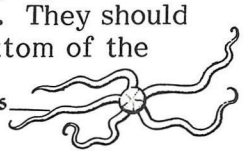


FIG.126. Brittle or serpent stars

Other essential items are:

1. A complete change of clothing for everyone in the canoe. The clothing should be packed in an absolutely water-tight container.
2. Rain gear for everyone in the canoe.
3. A spare paddle.
4. A small first aid kit.
5. A roll of duct tape—good for repairing everything from a hole in the canoe to a hole in your pants.
6. Insect repellent.

You may take many cruises without using any of these items, but needing them and not having them will take all the enjoyment out of your trip.

I am still waiting to hear from canoers to lead a trip on a river or creek that you have canoed before. Let me know when you would like to lead a cruise, and I will be sure that it gets into the next issue of HUT! **Jim Robinson**

UPCOMING CRUISES

A trip is planned on the Crow River for Saturday, May 7th. The Crow River forms the Northern boundary of Hennepin County. It is almost a wilderness setting, but still close to the Twin Cities. Plan to bring a lunch along, and we will stop at the portage point for a break.

There is one portage on this cruise at the Berning Mill Dam. This is a good family cruise, and we will be canoeing about 14 miles. For details about where to meet and time of starting: Jim Robinson, 588-5402.

THE UPPER IOWA CRUISE

For the cruise this year, we will be driving down to Decorah, Iowa, Friday night, May 13 and camp at the campground in Decorah, Iowa. Saturday morning we will canoe from Kendallville to Bluffton. This stretch of the river has limestone palisades, chimney rocks, and bluff tops rising 280 feet above the river. Saturday night we will be camping at Bluffton.

Sunday we will canoe from Bluffton to Decorah. This part of the river has wooded bluffs rising as high as 330 feet above the river. This river surprises many people who have no idea of what Iowa can offer in both rivers and scenery. For more information: Jim Robinson, 588-5402.

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ST. PAUL, MINNESOTA 55113

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SAT 9AM–5:30
SUN 11AM–5PM

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RAINY RIVER CRUISE

I need more people to canoe the Rainy River on Memorial Day weekend. Trip will last two to six days, depending on the crew's abilities. The date we start and leave is flexible. There will be some rapids but not formidable or difficult—probably Class 2 or Class 1. A novice canoer would be comfortable with this trip. Call John Wexler at 722-7069.



WHITEWATER COURSE

Almost 50 people have signed up to take the whitewater course, but only 24% of the maximum class size of 30 have sent their $ in. Course fee is MCA membership plus $5. Send your money to the attention of the MCA P.O. Box, Attn: Rapid Riders Whitewater Course.

The sessions will be as follows:

- May 14 and/or 15, Saturday and/or Sunday on the Mississippi at U of M Showboat landing. Bring a couple quarters to feed the parking meters.
- May 22, Sunday, Taylors Falls at the overlook on the Minnesota side of the St. Croix River.
- June 5, Sunday (note date correction from last HUT!), at the boat landing located at the top of Hells Gate in Banning State Park on the Kettle River near Sandstone, MN.
- May 14 or 15, you may attend either one or both of the first two sessions held. Bring a life jacket, your own paddle, one extra paddle, and your canoe. If you do not have a canoe, come anyway as we may be able to match you up with another person who has a canoe but needs a partner. If you are in either of these situations, it would be helpful to call ahead.

A picnic will be held 1.141 miles below the rapids at Taylors Falls following the May 22 class. Bring your own grub. If there is enthusiasm following the Kettle River class, we will have a survivors' party!

All instructors, assistant instructors and instructors in training will be meeting on May 8 at Hells Gate and on Wednesday, May 11 at Vali West Restaurant at Cedar & Riverside. Be at the restaurant at 6:30 p.m. if you're hungry, 7:30 if you only want to talk about the Whitewater course and other Rapid Rider business.

If you have any questions, please contact Earl Liberto at 459-1120. **John Wexler** ■



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NEW MEMBERS

Minnesota:

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Jack Sharp	Pine City
Jerry Steele	Minneapolis
Quebbemann Family	Long Lake
Walter White	St. Paul
Paul Sandanger	Minneapolis
Robert Bruno	Burnsville
Alice Rueter	St. Cloud
Erich Bretschneider	Lake Park
John Marshall	Duluth
Tim Wagner	Fisher
Gerald Wahl	Bloomington
John Boutin	Duluth
Milton Gunderson	Mora
Wayne Sheridan	Hastings
Robert Martinson	West St. Paul
Neil Anderson	Duluth
Kenneth Earle	Waseca
Roger Sturm	St. Croix Beach
Phil Christensen	Minneapolis
Thomas Seline	Minneapolis
Ronald Fogelson	Chaska


Tachinid fly

Out of State:

David Brunsvold	Northwood, IA
A. Tesky	Des Moines, IA
Richard Gondreau	Beldenville, WI
Robert Kozlowski	Wellsville, NY

Supportive Member:

Clint Waddell	Minneapolis

Midwest Division of the American Canoe Association and University of Wisconsin Hoofers Outing Club will sponsor a seminar for paddlers interested in touring the lakes and rivers of the Great Lakes region in canoes and kayaks. It will be held at the University of Wisconsin Student Union on the shore of Lake Mendota in Madison. Contact Fred Shinnick, Outdoor Programs, Wisconsin Union, 800 Langdon St., Madison WI 53706, (608) 262-6897.

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Betty Ketter	561-2208	North Minneapolis
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Mark V Slalom Kayak. Kevlar, nylon, S-glass. Light, strong, outside seam. Good condition. $275.00. W/Illiad paddle $315.00. Larry Johns 633-0461.

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Old Town Tripper 17'2", Duluth pack, Coleman 502 stove, Hudson Bay axe. Reasonable prices. Burt (612) 729-8874.

Red Old Town Ranger, SE. 75 pounds. Slotted mahogany gunnels, stainless end caps, yoke, knee pads, 3-piece cover designed by Cliff Jacobson. Tough, beautiful, fully-equipped expedition canoe. $875. Call Cliff Jacobson at 437-7497 or Chic Sheridan at 437-4067.

Two kayaks, one lightweight, the other heavy, with equipment, good starter boats, reasonable. Dave Mesick (612) 955-2987 (weekends).

Solo Canoe: Mike Galt's Lotus Dandy. 13'9", 35 lbs. Excellent condition with custom portage yoke. $585. Phone (218) 724-3207 (Duluth).

Strip Canoe Supplies: Complete wood pre-cut for a strip canoe, gunwales, thwarts, seats, etc. About $80-$100 for sitka spruce or redwood. Bill Knudsen & Associates, 488-1932.

First 20 words free to members. 10¢ per word thereafter. Make checks payable MCA. Submissions must be received by the 10th of the month preceeding publication, be typed, double-space on white, 8½"x11" paper. No phone-ins.

Minnesota Canoe Association Membership/Order Form

☐ Renew ☐ New ☐ I wish to order materials/supplies indicated below ☐ I'm changing my address

Name

Address

City State Zip

Phone

I would like to join the Minnesota Canoe Association as a:

- ☐ Regular Member — 1 year..... $10.00
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- ☐ Supportive Member — 1 Year $25.00
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- ☐ 15' Solo (Ketter)
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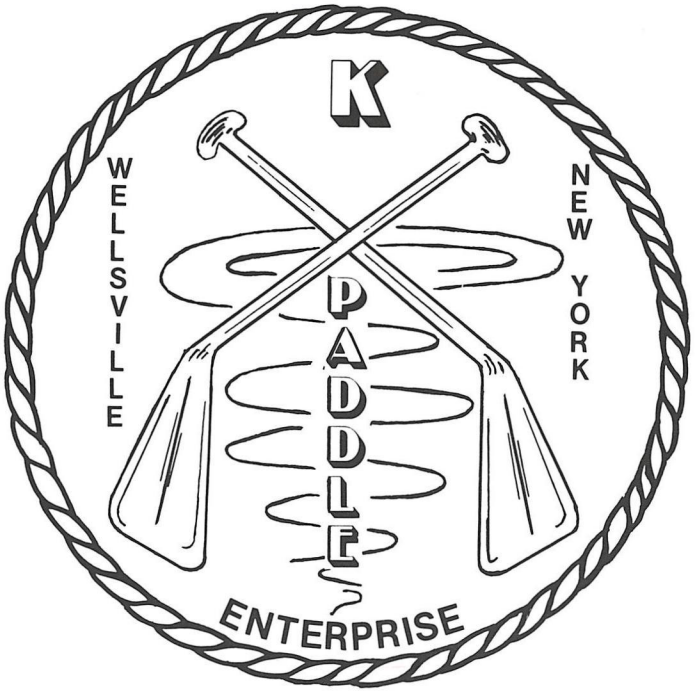
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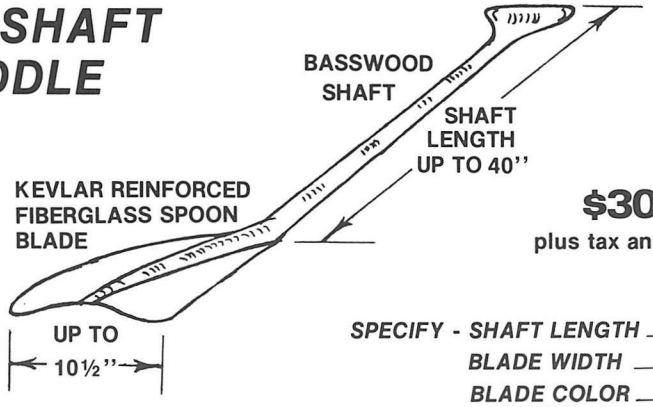
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