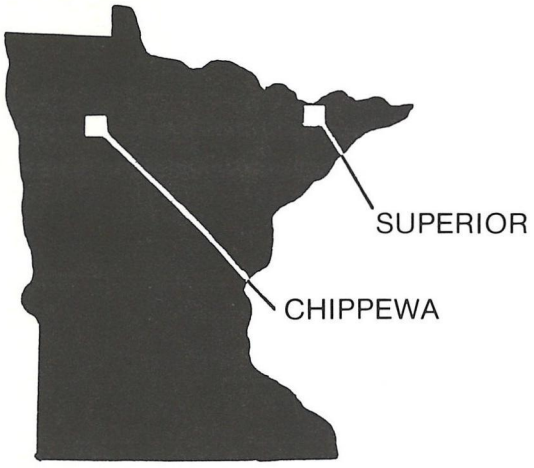
HUT!

Minnesota Canoe Association

April 1983 / Volume 19, Number 4

MINNESOTA NATIONAL FORESTS



CHIPPEWA

If you are looking for weekend river trips in the backwoods of Northern Minnesota, the area around the Chippewa National Forest has several to offer. Most have only a few short portages, or none, and are fine for beginning canoeists, families and youth groups.

The USDA Forest Service, Chippewa National Forest, maintains landings and campsites along three routes within its boundaries: the Inguadona Canoe Tour (Boy River), Turtle River Canoe Tour, and the Rice River Canoe Tour. Map brochures may be obtained from the Forest Supervisor's Office, Route 1, Box 25, Cass Lake, MN 56633 (218) 355-2226.

The Inguadona Canoe Tour covers 20 miles along Boy River, from Inguadona Lake to the terminus just west of the town of Boy River.

Continued P. 16

SUPERIOR

Whether you're an experienced veteran at canoe camping or brand new to the sport, now is the time that heads begin to fill with plans for summer adventures. Many plans will include trips to the Boundary Waters Canoe Area (BWCA) Wilderness, part of the Superior National Forest in Northeastern Minnesota. I'll try to answer some of the questions we get asked most often—and also give you some information we, as managers of the BWCA, feel you should also know.

Let's start at the beginning.

Permits: A permit is required for travel in the BWCA between May 1 and September 30 each year. The permits, which are free, are available from any of the five Forest Service offices located near the BWCA (Grand Marais, Tofte, Ely, Isabella and Cook) or from many outfitters, resorts and camps located near the BWCA.

A permit reservation, though not required, is highly recommended. These reservations are available from the same 5 offices (addresses at the end of article) by mail. There is a $5 fee for making a reservation which will insure entry at the specific point and on the specific date you want. When making a reservation include: 1) Party leader and alternate leader; 2) Entry point; 3) Entry date, and 4) $5 per reservation.

It's wise to include a second choice for the entry point and/or date in case your first choice is filled.

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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

- Special issues of HUT! are coming up. These will have special articles and, we hope, an influx of related advertising.
- Articles may be submitted which relate to the emphasis of each issue.
  - **May:** Canoes
  - **June:** Safety equipment, accessories, canoe racks, etc.
  - **July:** Paddles
- If you'd like to write an article about how to canoe Minnehaha Creek aimed at the beginner, give me a call.
- We need short pieces about your reaction to new and old canoes, life jackets, various products, etc. **George Sorenson, Editor** ■

LETTERS

Dear Editor:

I enjoyed Cliff's Corner in the February HUT! and found it to be quite true although probably not as noticeable around this area as canoeing is not as popular yet as it is in Minnesota. I've just recently taken over the job of putting out our local canoeing newsletter, Montana Canoeing. I would like your permission to reprint your article in our newletter at some future date. I would be happy to send you a copy of the newsletter.

I am also enclosing $1 for the Kettle River Fund—DeBoer Memorial.

Good paddlin' to you and thanks.
Mike Biedscheid, Missoula, Montana

HUT! welcomes reprinting Cliff's Corner.
Editor

Dear Editor:

If we're losing members because they're not getting renewal notices in time, why don't we just mark red around their name on their copy of HUT! I belong to a couple of organizations that do it that way and it seems to work really well. Plus, it wouldn't cost anything to do it that way. **Jackson Reed**

Dear Editor:

Enjoyed the Eric Sevareid piece in the March issue. It added depth to my understanding of the challenge of the outdoors—and got me to reread Mr. Sevareid's book, Canoeing with the Cree. Thanks for asking him to contribute to HUT! **Jayme Yahr,** La Jolla, California

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.

BOARD MINUTES

March 2, 1983

The meeting was called to order by Venice Barsness at 7:20 p.m. Venice stated that the MCA dropped 100 members in February because they did not renew their membership.

Penny Mielke: Penny is in charge of the BWCA program on March 16th, and encouraged all Board Members to attend.

Kurt Kemppainen: Kurt wants information two months ahead of time for a program, so he can do the flyers for them. Kurt's Solo Canoe program is planned for April 15th. It will be in Knollwood at the Minnesota Federal Savings and Loan.

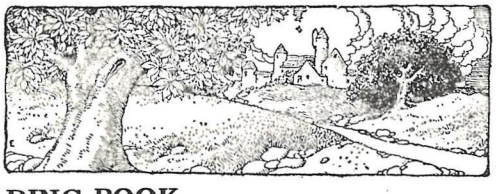
Al Gustaveson: Eddie Bauer is offering space for their program at the end of April. Backpacking, camping, canoeing, etc. We are interested, but we need some people who can be there to answer questions about the MCA. Al met last month with the Rivers Task Force. There was a discussion about the Kettle River project. They talked about river usage, and a possibility of a survey of our 18 major rivers.

John Kopp: John is planning on having a meeting some time in April for people willing and interested in helping to rewrite the building book. There will be an announcement in the April HUT!

Jim Robinson: Jim gave a rough outline of scheduled cruises. See the calendar for these cruises.

Chris Berne: Chris pointed out that we got two new advertisers for the March HUT! Comments were made on the March HUT! for Chris to discuss with the Editor.

Verna Robinson, Secretary ■



BUILDING BOOK

The MCA canoe building book has been around a number of years and has gone through several printings with little or no change. During this time our membership has built hundreds of canoes and gained a lot of expertise. It's now time to share this accumulated knowledge by helping to revise and rewrite the Building Book. We hope to make it a much better manual by including many of the Builder Corner articles and adding more photos and illustrations. If you can help out in any way, give John Kopp a call and come to the April 11 meeting (see calendar).

MONTH'S PROGRAM

APRIL PROGRAM — SOLO CANOEING

The solo canoe and solo canoeing are hot issues in the canoe world at this time. The April issue of Canoe Magazine is devoted to this topic. Much has been said and written about the subject and a lot of advertising dollars have been spent promoting "going solo." Here is a chance to get firsthand information and to learn about the sport.

What: Bob Brown, solo canoe paddler and designer, will discuss canoe design and how it relates to solo boats.
—There will be a presentation on equipment and accessories.
—And finally, the boats close up. Solo canoes from major manufacturers and MCA designs will be displayed.

When: Wednesday, April 13, 1983, 7:00 to 10:00 p.m.

Where: Minnesota Federal Savings and Loan, Knollwood Mall, St. Louis Park. Take Highway 7 West from 100 to the west side of Knollwood Mall Parking Lot.

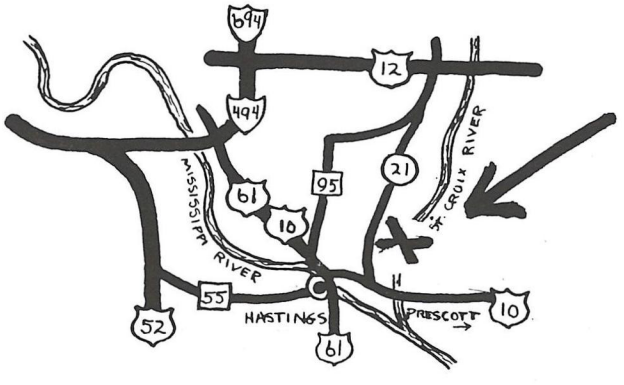
The program is FREE and open to the public. Be there. For more information, call Kurt, 623-9738 or 535-4852.

MAY PROGRAM

The program in May will be on small river cruising. We will have a slide presentation of different rivers. The date and place are not firm yet. See your May HUT! for final details.

HOOD RIVER SLIDE SHOW

Join Cliff Jacobson on Wednesday, April 27, 7:30 p.m. at the Carpenter Nature Center just north of Hastings (see map) as he relives his 1982 Hood River expedition.



CLIFF'S CORNER

Bob Brown, Darrell Foss and I have built more than a dozen woodstrip canoes. Yet only recently have we gotten our act together on how to fiberglass. Over the years we've learned a lot about durability, delamination, strength . . . and what not to do! Hopefully, interested builders can learn from our mistakes.

Our earliest boats were constructed with a layer of 7½-ounce cloth outside and a layer of 4-ounce cloth inside. We used MCA polyester resin and had few problems. Our glassing procedure was:

1. Sand the hull thoroughly with an orbital sander with 60 grit paper.
2. Set the glass cloth (wrinkle-free) over the sanded hull and apply "finishing" resin (resin with wax mixed in) to the cloth with a short-napped paint roller.
3. After the resin is rolled on, apply a second coat of "hot mix" resin to the glass with the roller. This step should fill the weave of the fabric.
4. Allow the resin to cure thoroughly, then sand and varnish.

We encountered few problems with this procedure, save for an occasional small starved area.

Then we got the idea that using two layers of 4-ounce cloth outside would be better than a single layer of 7½-ounce stuff. Glass to resin ratio would be higher and the tight weave of the cloth should result in a quicker and easier high final finish.

So we tried it. We glassed three canoes in this manner according to the procedure above. The results were disappointing. Every canoe exhibited resin starved areas. In fact, I nearly burned "Mantoy" (the CJ solo prototype) because it looked so bad. Only soothing encouragement by Bob and Darrell enticed me to finish the boat—which paddled so well I kept it.

I learned that durability of the double 4-ounce glass was actually less than one layer of 7½ . . . even less than a single layer of 6-ounce (according to Gene Jensen). The lightweight glass slit like paper on sharp rocks. It did make for a structurally strong and stiff lightweight boat, but that was all. A heavier weave was needed to combat abrasion.



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BENT SHAFT $41.95
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Darrell recently completed a 12-foot solo canoe of his design using the "Jensen method." Perfect! We heartily recommend the procedure. Dry wood must be primed before glassing to prevent the occurrence of starved areas!

While Darrell was experimenting, I tried WEST Epoxy. I had just completed a beautiful 14½-foot solo boat designed for me by Bob Brown. The western red cedar hull was gorgeous and the evolved design suggested the boat would be a magnificent cruiser. I decided to take a chance on the 52-dollar-a-gallon epoxy.

But I was concerned about the epoxy-related horror stories—rashes, respiratory and physical disorders. The WEST literature stressed the low toxicity of the product but did advise wearing barrier cream and gloves. No mention was made of using a "respirator." I called Lew Miller—president of Rice Creek Boat Works. Lew had built dozens of epoxy boats and was a great believer in the stuff. "It's safe," said Lew. "I've used it in my basement!"

Now . . . after using the product I'm most enthusiastic. It's nearly odorless and foolproof. It sands almost as easily as polyester but has much superior abrasion and peel strength. Unique, is a clever pump which meters out precise quantities of the resin with no waste or spillage. It's trouble-free—no delamination, no starvation, and high flexibility. I doubt if I'll build another polyester boat.

Using WEST epoxy is similar to glassing with polyester with these exceptions:

1. Roll on a prime coat with a foam roller.
2. Sand the hull lightly after the prime coat cures.
3. Place the glass on the primed and sanded hull and squeegee on the epoxy. Don't use a roller for this operation; it traps too much air which may cause a cloudy finish. The flexible plastic squeegees that are recommended work great.
4. After cure, sand (electric drill with 80-grit disk) the top few microns of cloth and resin—enough to get a reasonably smooth surface.
5. Roll on (foam roller) enough epoxy to fill the fabric weave. Allow to cure.
6. If the weave is completely filled you may sand and apply two coats of varnish which contains ultraviolet inhibitors. If the weave is not filled, sand again with the electric drill and apply a leveling coat of epoxy.
7. Stand back and admire your work. You've done a perfect job! **Cliff Jacobson** ■

CONSERVATION

MCA and the DNR are undertaking a large scale project to conduct an ongoing river conditions inventory. This is going to be a large undertaking and we are expecting all our members to be aware of its scope and to help make it a success. Briefly, there are 18 rivers in the state that are considered canoe routes. These are streams that see the greatest activity. There are also other rivers and streams that are used and enjoyed by canoeists throughout the state. We will try to provide a reporting form to every canoeist that takes a trip on any of these rivers. It will most likely be a 5x8" postcard, pre-addressed and prepaid postage. It will have space for you to make notations about the condition on the river and the quality of your trip.

The purpose of the inventory is to collect information on river conditions at various river water levels. To make this work we need accurate readings of the water level gauges, good observations of river conditions and the canoeing experience. We will make this information available to the public through a phone-in river level reporting service to make canoeing and boating in Minnesota rivers SAFER and more enjoyable.

A river like the Kettle can change very quickly, and it will still require a canoeist to check with the ranger at Banning State Park on the day he wants to try Blueberry Slide. However, we can develop a great deal of information about the best times to consider a trip down, say the Big Fork, when one can expect to have the optimum good time without encountering either a gravel pit or a class-three hayride on Muldoon Rapids.

We are also going to want some die-hard canoeists to report on the same river more than once. So if you are able to plan far enough ahead to commit yourself to running any given stretch of river four times during the season and taking accurate reading on conditions, call me and I will ensure that you will get our "super-reporting form package." In effect this will be a two-stage project. ONE: A reporting form will be made available to everyone who wants one. TWO: A more sophisticated form for the ten or fifteen dedicated river riders to fill out in depth over an entire season.

The DNR and MCA are working on having these forms in use by April 15th. If any of you Rapid Riders and Cascaders need forms sooner than that, give me a call and I'll see you get some . . . and please do call, we'll want some of that early run data that only you guys in the kayaks can provide. **Al Gustaveson** ■



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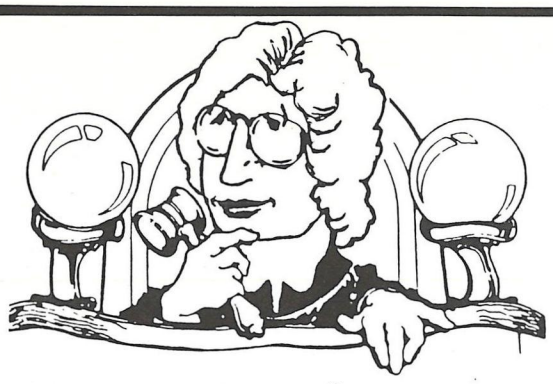
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BOOK REVIEW

The Survival of the Bark Canoe, by John McPhee—Farrar, Straus and Giroux, 148 pages—is a wonderful celebration of the Bark Canoe, a graceful survivor of prehistoric technology.

It tells of Henri Vaillancourt of Greenville, New Hampshire, who makes birch-bark canoes in the same manner and with the same tools that the Indians used. He sews the bark and lashes it to the gunwales with the split roots of spruce or white pine. No nails are used, or screws or rivets in this painstaking but very rewarding work.

McPhee also tells of a 150-mile trip through the Maine woods in a bark canoe.

This book is squarely in the tradition of one written by the first tourist in the same terrain, Henry David Thoreau, whose The Maine Woods recounts similar journeys in similar boats.

Particularly interesting is an appendix—A Portfolio of the Sketches and Models of Edwin Tappan Adney. This is a fascinating study of illustrations and photographs that include building techniques and pictures of canoes for ricing, crooked canoes, those for rivers, of the Cree, of hickory and moosehide and many others. A good read. **Jackson Reed** ■



Sale!

APRIL 9-16 ONLY

All Canoes and Kayaks
$50.00 Off
Paddles 15% Off

Eureka Alpine Meadows Tent
2 Person $159.95
4 Person $199.95

RAINWEAR SALE!
Marmot $25.00 Off
Landav Gore-Tex Jkt $89.95
Basic Rain Suit Only $39.95

WEDNESDAY, APRIL 13th
"MTS. OF NORTH AMERICA"
Fred Beckey, noted author, photographer, geographer, historian, and climber will present his highly acclaimed slide show, "The Mts. of No. America." The program will present a splendid visual sampling of North America's many mountain ranges, an account of the geologic and historic backgrounds of these mountains and exciting narrative accompanying the extreme climbing sequences. FREE!
7:30 PM NORTH STAR BALLROOM ST PAUL
2nd Floor, Student Center, U of M, St. Paul

SATURDAY, APRIL 16th
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midwest mountaineering

CRUISIN' ALONG

CAUTION!!! Be aware of dangers early in the canoeing season. Even though the temperature of the air is warm in April and May, the temperature of the water is cold. A capsize and dunk in the cold water can cause hypothermia.

Flooding can cause trees to fall down and into rivers. Be on the alert on a familiar river or creek for trees or other debris that may not have been there the last time you canoed it.

Remember your safety rules. Keep your group together and within sight of each other. The law requires that you have one PFD for every person in the canoe. Remember, however, that a PFD does not do you any good when you are in the water, and you watch it as it floats by you. It is better to wear them.

The cruises for April and May are getting firmed up. I am still looking for trip leaders for the rest of the season. Pick your river, and let me know when and where you want to lead a trip. **Jim Robinson** ■

TRIP REPORTS

FROZEN CANOE COUNTRY

Proposal: The Boundary Waters Canoe Area Wilderness be renamed every year from Thanksgiving Day until IRS Blood Donors' Day to Boundary Slush, Ski and Snowshoe Area Wilderness. Some people may object to all the S's following B and the U.S. Forest Service would probably balk at the number of signs that needed to be changed, but that name would be most appropriate in years such as this. "Years such as this" are years when snow comes heavily before the cold can get a thick layer of ice on the lakes and the winter temperatures are generally mild (by Minnesota standards). The weight of the snow cracks the ice, forcing water up between its solid lower level cousin and the insulating layer above. Result: frozen ski bases, wet boots, VERY heavy ski pole baskets, precarious balance and a lot of jolts of adrenaline, especially when a member of your party begins to disappear down into the ski trail you just broke across an otherwise solid-looking bit of lake surface.

Perhaps needless to say, winter tripping in this northern treasure of ours presents a marked contrast to the season for which it is best known.

The quiet! No sloppy, sloshing of waves, no grinding of Grummans over rocks, no incessent yodelling of those loud-mouthed loons in the evening, no splashes of those frightfully stupid fish and, yes, alas, no buzzing of mosquitoes (much to my dismay). By comparison, the BWCA in summer sounds like Time Square on New Year's Eve (well, OK, maybe not quite . . .)

But it is empty. So empty that when we knocked at the Grand Marais Ranger Station on a Saturday in February to obtain our required user permit, a janitor finally came to the door to say he thought that it might be open next Tuesday! So much for following the rules and regulations.

We were a group of ten, one of eight similar groups dispersed into a range of areas in the BWCA by the American Lung Association to participate in Winter Wilderness Trek III. The purpose of these trips, now in the third season (for those of you who have forgotten your Roman numerals) is twofold: to introduce people to the wilderness in winter and to raise money for the A.L.A. through sponsorship of the individual trekkers. Some people raise over $1000, most less, but an average of about $600 is reported. That's quite a bit of funding for the Lung Association. The trips provided a very different experience for the sixty plus trekkers who participated this year.

Our week was blessed with relatively mild winter temperatures for that part of the world, though one night we kissed -20 degrees F on the thermometer. An eight-day ski or snowshoe tour of the BWCA that remains mostly above zero in February is a blessing that cannot be denied. The luck of the draw that time of year could have left us thankful for a few above zero hours.

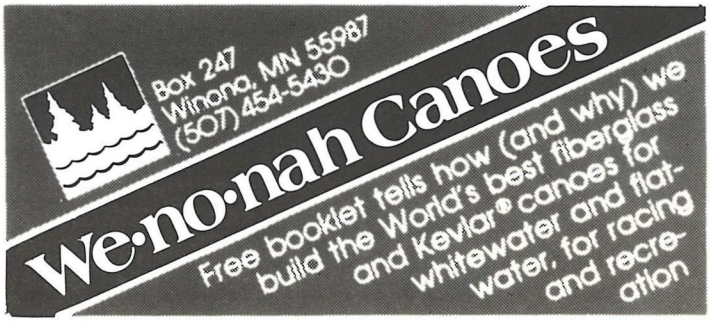
If this sort of introduction to a winter camping trip sounds good to you, then you may wish to participate in next year's adventure. Eight trekkers are teamed with two experienced leaders. The A.L.A. provides training sessions, a day ski tour with optional overnight, training manual and the food. Once in the field, the leaders provide hands-on experience in the nuts and bolts of living as comfortably as possible in the winter. From a leader's standpoint, howling blizzards, cold enough to freeze Jack London's imagination, stalking polar bears and killer avalanches were no comparison to trying to create seven unique dinners with a bunch of bulgar, macaroni and 24 pounds of margarine! True, the food was nothing to conquer the pages of Gourmet magazine, but it was hot, nourishing and provided a welcome dosage of humor.

Finally, it was the people that made my trip worthwhile. An assorted group from 16 to 52, farmer to venture capitalist, came together to experience the Boundary Waters on its own terms, in its least gentle of seasons and came away laughing. Good time? Yes! But, boy, a hot shower and cold beer sure would taste good!

Jay Berne ■







SOLO GET-TOGETHER

Anyone interested in solo canoes is invited to come join us to paddle, picnic and share a bonfire, May 5, 5:00 p.m. till —, Lake Rebecca Park in Hastings.

Bring paddles, life vest, change of clothing and supper.

We have several solo canoes of differing models for you to try and we're hoping that anyone who has one will bring it along for us to all share.

We can teach you the basics of proper solo paddling, solo camping, and just having fun.

For more information call Bob Brown at 432-7557 or Cliff Jacobson at 437-7497.

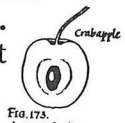


Fig. 173. A pome fruit. (longitudinal section)

COOKS

The "Cooks" will meet April 21, 7:00 p.m. at Francis Hunt's home, 1502 Chelmsford (near the St. Paul campus). Everyone is invited. Bring along your favorite breakfast recipes, typed on 4 x 6" recipe cards. Also, bring a list of all your cooking equipment—EVERYTHING . . . including that special brush for cleaning pots and pans. Any questions, call Francis at 645-2525 or Penny Mielke at 776-1935.

Submit material for the "Canoe Camping Cookbook" to Penny Mielke, 1880 East Shore Drive, St. Paul, MN 55109. Want to help?

MCA OPEN CANOE WHITEWATER COURSE

If you can't paddle your canoe in a straight line for more than 100 feet and you have no previous experience on whitewater, or if you have some experience but would like to improve your skills, take the MCA Whitewater Course taught by the affable chief veteran whitewater instructor, Ian Richards. Assisting Ian this year will be stalwart Terry Quam, and other sage crazies. I will be acting as both course organizer and instructor.

Current MCA membership and $5 will be required of each participant. You may ensure a spot in this class by bringing your money to the Rapid Riders Meeting April 12 or by sending it directly to MCA. 30 people have already shown interest in taking the course, so you'd best get your reservation in soon since class size is limited.

Classes will be on May 14, 15, 22 and June 4 at 1:00 p.m. and last four to six hours. You are encouraged to attend all classes.

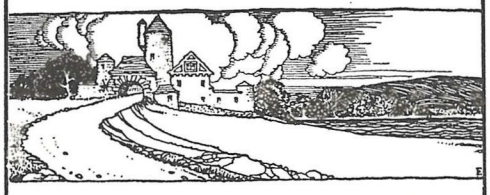
An instructor's class will be held at Hell's Gate on the Kettle on May 8. All those wishing to be instructors should contact me.

More details in May HUT! If you can't paddle in a straight line, take the MCA Beginning Canoeing course. Any questions, call me at 722-7069 or Barb Ford, 699-8145.

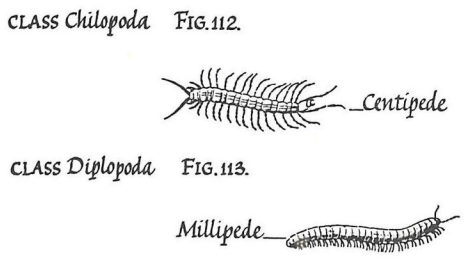
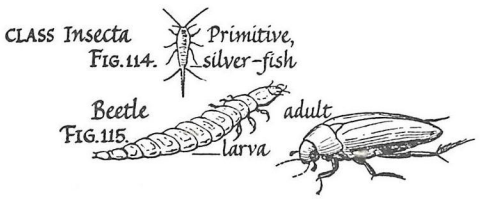
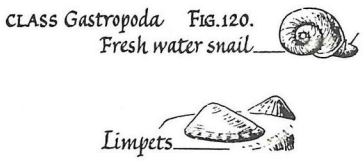
John Wexler



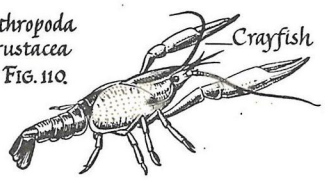
MINNESOTA RACING CALENDAR

7 **May** THE MORA CLASSIC (Citizen Race) P.O. Box 71 Mora, MN 55051	**8** BLUE EARTH CANOE RACE (Citizen Race) Scott Ankeny 811 South Galbraith Blue Earth, MN 56013	**15** THE JENSEN HANDICAP (Citizen/Pro) Chris Berne 5057 Ewing Avenue South Minneapolis, MN
4 **June** RUM RIVER CLASSIC (Pro) Princeton, MN Betty Ketter (612) 561-2208	**5** STRAIGHT RIVER CANOE DERBY (Citizen Race) Medford Civic Club P.O. Box 8 Medford, MN 55049	**11** REDWOOD FALLS CANOE RACE (Citizen Race) Joe Kriegl Redwood Falls, MN
19 FARIBAULT CANOE RACE (Citizen Race) Tom Schema Faribault, MN	**25, 26** SNOW LAKE INTERNATIONAL CANOE REGATTA (Pro) Arlen Robinson P.O. Box 23 Snow Lake, Manitoba ROB1MO	**26** MAIN STREET MARATHON (Citizen Race) Ralph Cornelius 4733 Vincent Avenue South Minneapolis, MN
1, 2, 3 **July** CANADIAN OPEN GOLD RUSH CANOE DERBY (Pro) Bob Jarvis 343 Queen Street Flin Flon, Manitoba R8AOM8	**4** WHIZ BANG DAZE (Citizen Race) Kurt Kemppainen 4519 Drew Avenue North Robbinsdale, MN	**8** GRAIN BELT DOWNSTREAM CANOE RACE (Citizen) Doug Severson Route 5 Sherwood Shores St. Cloud, MN 56301
10 BEND OF THE RIVER CANOE RACE, Mankato (Citizen and Pro) Dale Hennak Route 7, Box 307 Mankato, MN 56001	**23** COOK TIMBER DAYS CANOE RACE (Citizen and Pro) Dave Culbert Box 158 Cook, MN 55723	**24** SKI HUT CANOE CLASSIC Duluth (Citizen and Pro) Jim Wheeler 1910 East Third Street Duluth, MN
30 MINNESOTA JUNIOR CLASSIC (18 and under, Citizen) Betty Ketter 101 79th Avenue North Minneapolis, MN 55444	**30, 31** ELY/ATIKOKEN CANOE DERBY (Pro) Ely Area Development Council 30 South First Avenue East Ely, MN 55731	
6 **August** MISSISSIPPI RIVER CANOE CLASSIC (Pro) Betty Ketter 101 79th Avenue North Minneapolis, MN 55444	**7** MINNESOTA WOMEN'S CHAMPIONSHIP (Pro) Betty Ketter 101 79th Avenue North Minneapolis, MN 55444	**27, 28** MT. LAURIER, QUEBEC (Pro) Karl Ketter 1957 Lake Roseville, MN 55113
3, 4, 5 **September** SHAWINIGAN, QUEBEC (Pro) 50th Anniversary Karl Ketter 1957 Lake Roseville, MN 55113	**18** FAIRMONT CORN ON THE COB CANOE RACE (Pro, $1,000) Scott Ankeny 811 South Galbraith Blue Earth, MN 56013	**25** MIXED COUPLES STATE RACE Anoka (Dealer's Choice) Karl Ketter 1957 Lake Roseville, MN 55113

CALENDAR

April Friday **1** RACING CHAPTER MEETING Betty Ketter's 561-2208 101 79th Ave. N., Brooklyn Park All paddlers invited for annual get-together. 7:00 p.m.	Wednesday **6** MONTHLY DIRECTORS' MEETING Jim Robinson's 588-5402 4421 36th Ave. N., Robbinsdale All members welcome. 7:30 p.m.	Sunday **10** TWIN PORTS CHAPTER MEETING Godfather's Pizza, Duluth Elections, slide show. 7:00 p.m.
Wednesday **13** WILD RIVER CANOE CLASS Washington Jr. High, Duluth Seven-week course offered through Duluth School System. 6:00 p.m.	Saturday **16** MISSISSIPPI RIVER CRUISE Hastings for Red Wing. Raincheck date—Sunday 17th. FMI, call Bob Brown 432-7557	Saturday, Sunday **16, 17** ADVANCED CANOEING/HOW TO TEACH CANOEING. Indoor session and practice on Metro area rivers. Call Woodswomen (612) 823-1900.
Saturday **23** RICE CREEK CRUISE FMI, call Ken Esperson 645-8463 BRULE RIVER TROUT SCOUT Sponsored by Twin Ports Chapter. FMI, call Marshall Spencer (218) 726-1040	Monday **25** RAPID RIDERS CHAPTER MTG. John Wexler's 722-7069 2923 16th Ave. S., Minneapolis Bring slides. 7:00 p.m.	Tuesday, Thursday **26, 28** CANOE TRIP PLANNING. Two evening sessions. 4/26 Canoe Trip Packing; 4/28 Route Planning. 7-9 p.m., 2550 Pillsbury Ave. So. Call Woodswomen, (612) 823-1900.
		**May** Wednesday **4** MONTHLY DIRECTORS' MEETING Minnesota Federal Savings & Loan Grand Ave. & Fairview, St. Paul All members welcome. 7:00 p.m.
Saturday **7** 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	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.
Sunday **15** JENSEN HANDICAP Annual pairing of pro and rookie, Brooklyn Park. FMI, call Chris Berne 929-5714		Saturday, Sunday **21, 22** LITTLEFORK CRUISE Flatwater and Class I & II FMI, call Jerry Challman (218) 724-6126

THIS SECTION CAN BE PU

Monday **11** BUILDING COMMITTEE MTG. John Kopp's 459-8290 8425 69th Street, Cottage Grove Planning meeting to re-write Builder's Manual.	Tuesday **12** RAPID RIDERS CHAPTER MTG. John Wexler's 722-7069 2923 16th Ave. S., Minneapolis Elections, WW Class planning. 7:00 p.m.	Wednesday **13** MONTHLY PROGRAM Minnesota Federal Savings & Loan Knollwood Mall, St. Louis Park. Solo canoeing with Bob Brown. See article for details. 7:00 p.m.
PHYLUM Arthropoda CLASS Crustacea FIG. 110.  Crayfish	Monday **18** CANOEING THE FAR NORTH Slide presentation series. Hood River in Northwest Territory. Cliff Jacobson. Stillwater Public Library, 223 N. 4th Street 6:30-8:30 p.m.	Thursday **21** COOKS MEETING Francis Hunt's 645-2525 1502 Chelmsford, St. Paul Fun, working on MCA Cookbook. See article for details. 7:00 p.m.
Wednesday **27** HOOD RIVER SLIDE SHOW See article in this issue. 7:30 p.m., Carpenter Nature Center.	Saturday **30** MINNEHAHA CREEK CRUISE FMI, call Jim Robinson 588-5402	CLASS Onychophora FIG. 111.  Peripatus
Thursday **5** SOLO GET-TOGETHER Lake Rebecca Park, Hastings. Try different solo canoes. See article for details. FMI, call Bob Brown 432-7557	CLASS Arachnoidea FIG. 116.  Scorpion  Tick FIG. 117.  Spider FIG. 118.	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
PHYLUM Mollusca CLASS Amphineura  FIG. 119. Chiton	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 **14 & 15** SAVANNA PORTAGE CRUISE Annual St. Cloud Chapter trout fishing trip. FMI, call Mike Zapf 251-4620
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	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	CLASS Cephalopoda FIG. 122.  Cuttlefish Squid CLASS Pelecypoda FIG. 123.  Scallop Clam

WISCONSIN RACING CALENDAR

10 **April** LITTLE RIVER, Lena Bruce Micoley Route 1 Lena, WI 54139	**24** MILWAUKEE RIVER, Grafton Grafton Jaycees Box 52 Grafton, WI 53024	**30** NAMEKAGON RIVER, Cable Paul Gilbert Route 1, Box 24 Cable, WI 54821
30 — May 1 COON CREEK, LaCrosse Michael Kinzlger UW-L Recreation Department Michell Hall, UWL LaCrosse, WI 54601	**15** **May** OCONTO RIVER, Pulcifer Bruce Micoley Route 1 Lena, WI 54139	**28** OCONTO RIVER, Stiles Jct. Paul Borkovec Route 2, Box 351 Peshtigo, WI 54157 (715) 582-3295
29 PESHTIGO RIVER Paul Borkovec Route 2, Box 351 Peshtigo, WI 54157 (715) 582-3295	**11*** **June** WISCONSIN RIVER, Wausau Wausau Papers Canoe Race 1007 Greenhill Drive Wausau, WI 54401 John Peterman (715) 675-3361	**12** PECATONICA RIVER, Darlington Francis Hastert 1140 Ohio Street Darlington, WI 53530 (608) 776-2123
18 BRUCE CROSSING CANOE RACE (Pro) Bill Moll (Black Bart) Bruce Crossing, WI	**18 & 19** ICF TEAM TRIALS Lafayette, Indiana	**25*** WEST TWIN RIVER Francis Duffy 5318 Cedar Lane Manitowoc, WI 54220 (414) 682-2203
3 **July** ROCK RIVER, Janesville Rock River Canoe Association Bill Lammers (608) 752-9432 1929 West Memorial Janesville, WI 53545	**4** LAKE MENOMIN, Menomonie Menomonie Area Chamber of Commerce, 335 Main Street Menomonie, WI 54751 (715) 235-9087	**9** WISCONSIN RIVER, Portage Myron Anderson Route 2 Portage, WI 53901 (608) 742-5744
10 OCONTO RIVER, Oconto Falls Bruce Micoley Route 1 Lena, WI 54139	**16** PADDLE, PORTAGE, PADDLE Madison Rutabaga (608) 256-4303 820 South Park Street Madison, WI 53715	**17*** MENOMONEE RIVER, Marinette Gary Sadowski RB 263 Fairland Park Menomonee, MI 49858 (906) 863-9489
23* WISCONSIN RIVER, Muscoda Fritz Hansen 19022 58th Road Union Grove, WI 53182 (414) 878-2777	**30*** ROCK RIVER, Watertown Dick David Route 4 Watertown, WI 53094 (414) 261-4292	
13 or 14 **August** ROCK RIVER, Fort Atkinson Norm Godfrey P.O. Box 54 Fort Atkinson, WI 53538	**13 & 14** USCA NATIONALS, Current River Doniphan Lions Club Doniphan, MO	*Denotes WCA Point Races

ACTIVITIES

WEEKEND TRAINING RUNS — LONG SLOW DAYS

For those with canoeing-on-the-brain or ants in their pants, 6 to 10 hour training runs are arranged each weekend in the spring from thaw through Memorial Day. Participants find a partner, pile up their wool and polypropelyne, pack a hefty lunchbucket and fall out first thing in the morning to attack one of Minnesota's flooded rivers. It's hard work, lots of fun, and good practice. If you want to come along or by some strange philanthropic bent have a van that you would be willing to drive hundreds of miles over the countryside in order to pick up paddlers at the endpoint, give Karl Ketter a call at 636-8116.

FOREST SERVICE NEEDS VOLUNTEERS

Each year teachers, students, retirees, professionals, the unemployed—people from all walks of life—offer their time to spend the summer helping the Forest Service protect the beauty and character of our forest lands. It is an opportunity to do something positive for the environment, attain a sense of personal fulfillment, learn new skills and meet new friends.

Forest officials are looking for volunteers who wish to work as wilderness rangers, campground hosts, trail construction and maintenance workers, and visitor information specialists.

If recreation does not interest you, there are jobs in timber, wildlife, or soils. Most of the jobs will be performed in or near the Boundary Waters Canoe Area Wilderness in northeastern Minnesota, and will last 6-8 weeks or longer.

Specialized skills are not required for most volunteer positions, however, you must be at least eighteen years old, self-disciplined, willing to do strenuous work, and possess a desire to learn. There is no pay for volunteer work, but you will receive some compensation each day to help cover living expenses.

The Forest Service provides shelter, usually a trailer, tent, bunkhouse or free use of campsite in a developed campground. Each volunteer receives professional training, all tools needed to perform the tasks and full medical compensation if injured on the job.

Individuals and organizations that are interested in applying, or need more specific information should contact Barb Soderberg, Recreation Volunteer Coordinator, Superior National Forest, P.O. Box 338, Duluth, MN 55801.

ANNUAL RICE RIVER PADDLE

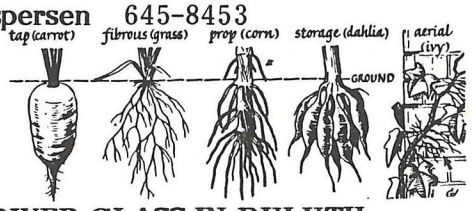
On a beautiful day in April of 1982, on a creek north of the Twin Cities with the water running normally fast, a group called the "Ricers" made their annual voyage down the creek called "Rice."

Out of the 14 canoes that made their way down through the obstacles and "hairpins" of this "nonchalant" creek, a canoe with 3 stalwart kids and 2 adults became friends with a homeowner on the creek. Under a canope of warm sunshine and after fishing shoes and other articles out of the creek, the kids were still laughing and smiling and glad they made the trip with mom and dad. Dripping wet, they got a ride back to their car with these very nice people, and again met us at Locke Park. The other 13 canoes made their way to the beautiful park, and with crackers and cheese and beverage once again said hello to the Summer of 1982.

If you want to be a part of this harbinger of Summer for 1983, be at Hwy. 10 & Cty. Rd. H at 10:00 a.m. on the 23rd of April, 1983.

Also, get your bike ready (and call me about registering) for another "Rice and Iron" weekend because the A.Y.H. will hold their 17th annual "Minnesota Ironman" on the 24th of April, and I'll be there along with 2000, plus others. Come on along!

Ken Espersen 645-8453



WILD RIVER CLASS IN DULUTH

Wild River Canoe Class through the Duluth School System will be offered again this spring. The first class is scheduled for Wednesday, April 13, 1983, and will be held on consecutive Wednesday evenings from 6:00 p.m. until dusk (first meeting is at Washington Junior High).

The basic schedule of instruction is:

1. Discussion of skill levels, canoe equipment, etc., in classroom.
2. Familiarity with a swamped canoe, hypothermia, etc., in a pool.
3. & 4. Basic paddling techniques (strokes) at a small lake.
5. Reading a river on foot.
6. Easy river ride.
7. Progressively more difficult as class desires.

For details contact Byron Selbrede, 1618 Wisconsin Avenue, Superior, WI 54880.

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

POOR BETTY'S ALMANAC

Ever wonder what canoe racers do when they are not paddling?

For instance, Gary Neddermeyer builds houses and canoes. But did you know that he is also building a car—with a woodstrip body?

Karl Ketter is another diverse fellow. He does everything from skateboarding to collecting mooses. Camp Moosenose, on Snowbank Lake, is his favorite hangout. He is also writing a pamphlet entitled "101 Uses for White Samoyed Dog Hair", having collected pounds of shedding Sasha for years now.

Speaking of dogs, did you know Rich Hendricks loves to race dogsleds? Yes sir, he's got genuine huskies. Some of them even have two tone eyes. I saw it myself. Rich also has the distinction of being the only racer hereabouts with an $80 petanque set. I understand he's a great hit at all the canoe races—petanque (or bocce ball, the Governor's favorite sport) must be a great tension reliever.

I asked Kurt Kemppainen what his avocation was. Would he answer cross-country skiing, BWCA canoeing, selling gear at Hoigaards, doing publicity work for the MCA, or hanging out at the Valli in Dinkytown? Nope, I guessed wrong. "I admit it! I'm boring!" he said. Everybody laughed, but no one disagreed.

St. Cloud

The St. Cloud Chapter of the MCA held its first meeting of the year on February 17th at the Great River Library in St. Cloud. Election of officers for the upcoming year are as follows:

President	Mike Zapf
Vice President	Dale Schleppenbach
Sec./Treasurer	Mrs. Polly Hoover
Program Chm.	Pat Christianson
Trip Coordinator	Tom Maier

A short discussion was held on programs for the upcoming meetings. Four cruises were planned, the Pine River, Sauk River, Namekagon and Savanna Portages. Dates were set for the Savanna trout fishing trip May 14th and May 22nd for the Blue Heron cruise on the Sauk River. **Mike Zapf and Polly Hoover**

WHITEWATER RAPIDS RIDERS

Tuesday, April 12 meeting at John Wexler's for elections of whitewater club, open canoe whitewater class planning, maybe even some movies on whitewater. We are looking for energy-filled people to lead us on. Penny Mielke and Mike Vande Vyver will be there trading swamp and hospital stories. You will hear about plans for hair-raising whitewater trips and beginner whitewater trips, kayak classes and whitewater canoe racing. Everyone interested in joining our group attend this meeting. For information call 722-7069. Please come even if you're new to whitewater. 2923 16th Avenue South, 7:00 p.m.

Dave Garron in south Minneapolis and Penny Mielke in St. Paul have the Rapid Riders throw ropes.

John Wexler is planning a trip on the Rainy River from International Falls to Lake of the Woods. If you are interested call 722-7069. Trip will take 2 to 6 days depending on ability.

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

The canoeing season is finally upon us. What better time to get out our schedule of upcoming events and cruises. As with other years, the early season whitewater doesn't lend itself to long-range planning, so Sue Marsh, Jerry Challman and myself will be fielding telephone calls each week as to where weekend trips will be going. Don't be afraid to call. Usually final decision aren't made until Thursday or Friday. Events which could be planned ahead for are:

April 10th—General Membership Meeting, 7:00 p.m., Godfather Pizza Duluth. We'll have an election of officers, go over upcoming cruises and have a slide presentation of canoeing the Seal River in Canada.

April 23rd—Brule River Trout Scout. Stones Bridge to DNR Campground, Class I & II. Potluck at Susie Wilmes's after. Meet at Perkins, Superior, Wisconsin, 9:00 a.m. Saturday morning. Questions: Contact Marshall Spencer, 726-1040.

May 14-15th—Whiteface River Overnight (Alternative to fishing opener.) Hwy. 4 to Hwy. 53, approx. 26 miles, flatwater and Class I. Overnight camping on the river. Meet at Miller Trunk Country Kitchen, 9:00 a.m. Saturday. Questions & Reservations: Contact Gardner Ellis, 728-5304.

May 21-22nd—Littlefork River Overnight. Flatwater and Class I & II whitewater, one person in each canoe should have whitewater experience. Meet at Jerry Challman's, 5:30 p.m. Friday evening. Questions & Reservations: Contact Jerry Challman, 724-6126 or Dave Spencer, 624-3413.

May 28, 29 & 30th—Wolf, Peshtigo and Menomonie Whitewater Holiday, Class I, II & III, Campground camping. Questions & Reservations: Contact Mark Cline (612) 823-6074 (Minneapolis) or Sue Wilmes 724-0128 (Duluth).

June 11-12th—White River, Wisconsin, Lost Acres Canoe Trip & Sauna. Flatwater, Class I & II. Good river for beginning whitewater. Camp at Furtman's Fabulous Forty. Contact Greg Furtman, 525-6571. (P.S. Bring bug dope.)



June 16th—General Membership Meeting, 7:00 p.m., Godfather Pizza Duluth.

June 18th—Gardner's Dawn Dip. Park Point to Barker's Island, breakfast at the Radisson. Tour the Whaleback Ship. Meet at Park Point boat launch ramp (end of point), 7:30 a.m.

June 25-26th—Upper Cloquet Overnight. Indian Lake to Island Lake, moderate whitewater experience required for minimum of one person per boat. Meet at Idle Hour Restaurant, 6:00 p.m. Friday evening. Questions & Reservations: Contact Fred Freeman, 525-6486.

5th Saturday in June—Lac Superieur Canoe Enduro. 6-hour enduro race, compass bearing to geographic center of Lake Superior. Furthest out after 6-hour elapsed time wins. Open canoes only, sprayskirts optional. Preregistration only. Contact: Chris Clay 555-1212.

Other tentative outings include: Poling clinic, whitewater clinic, Moonlight Paddle, All Women's BWCA Trip, Voyager's Park Trip, Anything Goes Canoe Race, Apostle Islands Tour and Wild Ricing Outing next fall. Support Your Events. And finally, remember—let's be careful out there now people . . .

OTHER CHAPTERS DID NOT SUBMIT NEWS! GET AFTER YOUR CHAPTER PRESIDENT!!!!

MIDWEST CANOE TRAILS CO-OP



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BLUE HOLE CANOES

Specializing in River Touring & Whitewater Canoes, Kayaks, Rafts and Complete Accessories. Canoe Rental

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Monroe St. No.
Hudson, WI 54016
Phone: Twin Cities: 776-4657
Wisconsin: 715-386-5360

HYDRA

-the spirit of whitewater-

now makes its Minneapolis debut exclusively at:

Recreational Equipment, Inc.
710 West 98th Street
Bloomington, MN 55420

You've heard rumors about Tom Johnson's new roto-molded kayak, the Taurus! Paddle one and you'll be amazed. But thats not all; in the coming months you'll see new kayaks, a C-2 (in plastic), and a range of quality whitewater accessories at very modest prices. Check us out at REI. Hydra is a member of American Whitewater Affiliation and American Rivers Conservation Council.

Superior National Forest Cont.

Bears: Some of the most commonly asked questions are related to problems with bears. Your best defense against bears is a clean camp. Never take food into the tent with you. Burn or bury all grease or garbage (don't use the latrine for a garbage can)! Don't wear the clothes you wear while cooking dinner to bed. They retain food odors and may attract bears.

At night or when away from the campsite, hang your food supply in the trees. The pack should be at least ten feet from the ground, four to five feet from the limb and six feet from the tree trunk.

Bears can swim as well as they climb, so remember—islands are not bear-proof.

Should a bear wander onto your site despite your efforts, don't panic. Banging pots together and yelling will usually frighten a bear. Should the bear refuse to leave or become hostile, change campsites. One last word of caution: Never stand between a mother bear and her cub(s). They are extremely protective of their young.

Health and Safety: The basic rule of thumb concerning health and safety is a simple one: You're on your own. The BWCA is a wilderness. A wilderness has no signs, no first aid stations, and no information stops.

Although you're on your own you can still have a safe adventure by following the guidelines listed here.

1) Always wear a lifejacket while on the water.

2) Use the portages provided. Rapids in the area, generally speaking, are not safe to "run." Portages are there for a reason—use them.

3) When storms or windy weather threaten, get off the water. Set tents up away from tall trees and exposed roots.

4) Carry a complete first aid kit and know how to use it. Should a major emergency occur which needs immediate medical attention, transport the victim (if possible) or send for help. If a rescue is necessary, the individual will be responsible for all costs incurred.

5) Know how to read a map—as stated earlier, there are few, if any, signs in the BWCA. Keep a compass and map handy and refer to them often. The many islands and bays can be very confusing if you don't follow your progress closely.

6) Be careful when selecting your drinking water. Never get water from beaver ponds or streams. Get water from the middle of deeper lakes. Although many visitors drink untreated lake water, to be completely safe, boil your drinking water for 3-5 minutes.

If you need additional information, or if you're ready to make a permit reservation, contact the Forest Service at the following addresses:

Gunflint District
P.O. Box 308
Grand Marais, MN 55604
(218) 387-2451

La Croix District
Box 1085
Cook, MN 55723
(218) 365-5251

Isabella District
Star Route, Box 207
Isabella, MN 55607
(218) 323-7722

Tofte District
Tofte, MN 55615
(218) 663-7280

Kawishiwi District
P.O. Box 149
Ely, MN 55731
(218) 365-6126.



Happy canoeing! **Gini Coyle**, Public Affairs Specialist, Superior National Forest ■

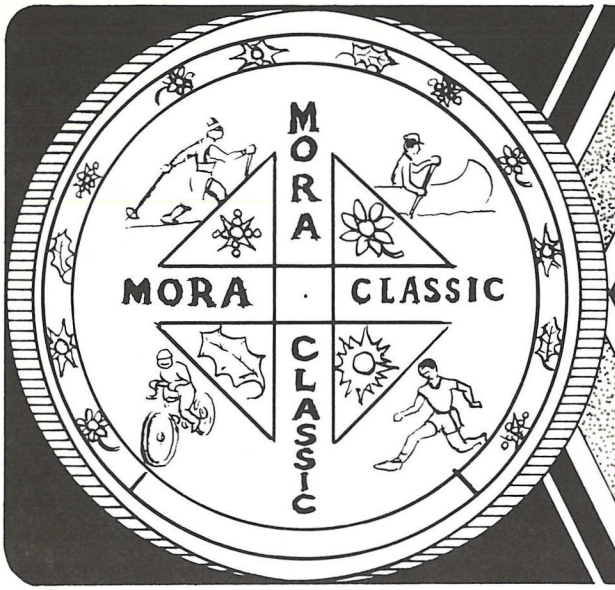
Chippewa National Forest Cont.

While there are homes and resorts along Inguadona and Boy Lakes, undeveloped forest lands prevail along the rest of the river. North of Boy Lake, large beds of wild rice extend on either side of the travelway. Midway through the tour, there is a stretch of fast-flowing water, but no real rapids. There are no portages, and all through the ice-free seasons, water is high enough for safe travel. The Walker Ranger District maintains four campsites with firegrates and outdoor toilets. Beyond the terminus on Cass County Road 51, no travel is recommended because the river becomes wide and swampy; at time, rough water from Leech Lake extends quite a distance upriver, and no landings are available in this area.

The Turtle River Canoe Tour, a 16-mile route, begins off Beltrami County Road 22, east of the town of Turtle River, and ends where the river flows into Cass Lake. It follows the Turtle River south, through Big Rice, Little Rice and Kitchi Lakes. There are no portages or dangerous rapids, and three dispersed campsites are found along the way. Side trips to Gull and Pimushe Lakes are also possible.

The Rice River Canoe Tour begins at Clubhouse Lake Campground and flows north 18 miles to the village of Bigfork, MN. Water is generally high enough for canoe travel from spring through midsummer, but it is a good idea to check conditions with the Marcell Ranger District Office (218-832-3161) before starting your trip. The river goes through several small lakes and the only portages are carryovers, over about a dozen beaver dams along the route.

Continued P. 18



ANNOUNCING!!

The Third Annual

Mora Classic Series

BEGINS MAY 7th, 1983

The Mora Classic Committee and its various sponsoring organizations invite all devotees of physical fitness to participate in the 1983-84 Mora Classic Series.

CONSISTING OF 4 EVENTS:

1

Second Annual Snake River Canoe Race

Sponsored by Snake River Canoe Club. Twenty-five kilometers, from "Hinckley Road Bridge" to Mora, including a 300 meter portage at finish. Awards given in three racing classes (men, women and mixed teams) and twelve open classes (men, women and mixed teams plus four age groups in each class). Starts 9:30 a.m. on Saturday, 7 May 1983.

2

Third Annual Vasa Runners Half Marathon

Sponsored by Vasa Runners Ski Club. The 13.1 mile course starts downtown Mora. Race time 9:00 a.m., Saturday, 20 August 1983. Only one class, tee-shirts to all who complete the run in 2 hours 46 minutes. Advance registration strongly encouraged.

3

Third Annual Vasa Runners Bike Tour

Eighty kilometers, from downtown Mora over paved country roads. Starts 9:00 a.m., Saturday, 17 September 1983. Tee-shirts to all who complete. Advance registration encouraged.

4

Twelfth Annual Mora Vasaloppet

North America's favorite cross country ski race. Sponsored by Mora Vasaloppet, Inc. Choice of 58 km Vasaloppet (one class) or 32 km Dalaloppet (various classes). Race begins at Warman (15 miles north of Mora) and ends downtown Mora. Start time 9:30 a.m., Sunday, 19 February 1984. Numerous awards and medals

MEDALS: In addition to awards for each event, The Mora Classic Committee awards a bronze medal to all who successfully complete each event in the Third Annual Mora Classic Series. Starting this year, silver medals will be awarded to those having completed the series three times.

INFORMATION: If you participated in two or more Mora Classic events last year, you are automatically on our mailing list and you will receive further information and entry forms for all events. If you wish to be sure to be placed on the mailing list for all Classic events, or if you wish additional information, write to: **THE MORA CLASSIC** P.O. Box 71, Mora, Mn. 55051.

Chippewa National Forest Cont.

Parts of the Mississippi and Bigfork Rivers pass through the Chippewa National Forest and are good for canoe travel when water levels are high. Brochures, showing rapids, portages and camping sites, are provided by the MN Department of Natural Resources (DNR). Between May 1 and October the MN DNR Rivers Section can be contacted at (612) 296-6784 for information about water levels and copies of brochures. From the outlet of Cass Lake to the inlet of Lake Winnibigoshish on the Mississippi is a pleasant day's journey. However, these big lakes are definitely not recommended for canoe travel. Along this part of the river, one campsite is maintained by the Forest Service. It is possible to canoe from the outlet of Lake Winnibigoshish, to near Schoolcraft State Park, where the Mississippi leaves the Forest. On this segment, one dispersed site is maintained by the DNR, and there are camping facilities at Schoolcraft State Park.

For the first 30 miles of the Bigfork River, from the outlet of Dora Lake, east to the town of Bigfork, canoeing is fairly easy. From Bigfork, the river travels north another 135 miles, and flows into the Rainy River on the Canadian border. Here there are rapids of varying difficulty, with a couple of portages around waterfalls along the route.

In some places, the remains of splash dams from logging days of the late 19th and early 20th centuries are still visible. Using these waters for log drives, millions of board feet of timber were removed from nearby lands.

A few hints for canoeists include: Use only dead wood for fuel and tent pegs; make sure campfires are out before you leave; bring either an ample supply of safe drinking water or purification tablets to treat water from open sources, and pack out rubbish. Bring and wear lifejackets, and if you find it necessary to cross large, open bodies of water, follow the shoreline. Resorts and stores on or near your route will provide you with supplies and assistance.

The Chippewa National Forest contains no designated wilderness areas—no permits or reservations are taken, and you can bring food in cans and bottles (please do pack them out, though). But opportunities for primitive camping and canoeing experiences certainly do exist here, as we hope you will find out!

Jo Barnier, Public Affairs Specialist, Chippewa National Forest ■

NEW MEMBERS

Twin Cities Area:

Dave Wearne	John McIntyre
Ken Purdes	Robert Schwalbe
James Nosan	Robert Tessman
Allen Jones	John Karnstedt
P. M. O'Hara	Jeanne Stretch
Jeff Menth	Philip Chambers
David Cross	Bryan Bartness
Lorna Bilek	Duane Jansen
Douglas Johnson	Peter Tackes
Timothy Gleason	James Strom
James Pearson	Daniel Fairchild
Paul Christensen	David Benway
Larry Anderson	Barry Bergen
William Skinner	Marc A. Rude
John Olson	Ron Ferguson
Paul McCann	Ben Schlinsog
Jim Toav	Leigh Williams
Ralph Lueck	Clifton Moore
Fred Landgraf	Chris Eastlund
Kurt Kaskiner	Don F. Hartman
Wendell Nelson	L. Keith Coad
Jerry Ackerman	Paul S. Nechols
Gerry Berkeland	John Fraley
David Strock	Tom Chelstrom
Ron Lewis	Mark J. McDonough
Steve Kayser	Joseph E. Adler
Robert Iverson	David Newberg

Minnesota:

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Larry Landis	Cambridge
Mark Scheurer	Mankato
Ronald Hitzeman	Chaska
Paul Stephan	Pine City
Peter Schneider	St. Cloud
Bob Gray	Corcoran
Keith Boerboom	Wabasso
Alison McKeon	Duluth
Edward Lundstrom	Northfield
Ray Beise	Rosemount
William Gardner	Rochester
Craig Drager	St. Peter
John Reiman	Ceylon
Rydjor Bike Shop	Austin
H. F. Hoaglan	Rochester
Brad Bergerson	Hamel
Jim Porath	Cedar
Thomas Anderson	Duluth



Out of State:

Lary Hyland	Strum, WI
Joe Powell	New Richmond, WI
Gary Schillhammer	Danville, PA
Warren McCann	Paola, KS
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Brice E. Rollman	New Lebanon, OH
Kennedy T. Paynter	Ames, IA

TRADING POST

FOR SALE

Eureka 2-man Timberline Tent with removeable vestibule. $75. 721-1269

18½' form for building standard strip canoe. Never used. Complete with saw horse supports. $150. 428-2707

14' Old Town. Call Ken (612) 425-5643 after 5:00 p.m.

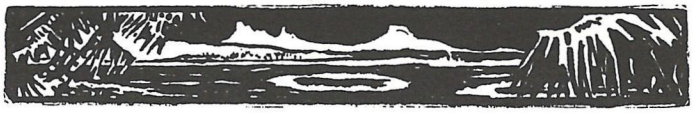
Sturdy birch-bark Chippewa Canoe built and signed by Bill Hofeman, "Minnesota Birch Canoe Builder." Adventurous money-making traffic stopper. 644-3497

13' 7" Itty Bit with cover. Need room for new generation of solo canoe. Old friend must go. Bob Brown 432-7557

Canoe Building Supplies

For Sale: MCA resin and fiberglass cloth. Polyester resin with catalyst is $11.75 per gallon. Four ounce cloth, 50 inches wide, is $2.50 per yard; 7-1/2 ounce cheesecloth, 60 inches wide, is $3.50 per yard. Rules for purchase: Call ahead and schedule pickup time. Payment by check or money order to Minnesota Canoe Association. **No cash. Bring a valid membership card.**

Betty Ketter	561-2208	North Minneapolis
Bruce Kunz	454-7207	Egan



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

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

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- ☐ Itty Bit (Brown)
- ☐ 15' 6" Solo Canoe Pirate (Brown)
- ☐ 15' Solo (Ketter)
- ☐ Griffen II, Kayak (Brown)
- ☐ 18' 6" 4 & 32 USCA Racer (Burley)
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T-Shirt
Light Blue shirt with navy MCA graphic, 50/50 blend. $5.00 each, plus $1.00 postage. Specify S, M, L

Stickers
Blue on a reflectorized background, great for canoe or car. $1.00 each

Sew-On Patches
Gold paddles over a silver canoe, $2.00 each

To order fill in name and address above.

Indicate quantity desired in each size:

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Sew-On Patches

T-Shirt/Stickers

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