VOLUME 4 NO. 1 NOV. 1969

HUT!



A Publication of The Minnesota Canoe Association

CALENDAR OF EVENTS

CALENDAR OF EVENTS

NOV. 19 Activities Meeting: Middle Fork of the Salmon River and Planning for 1970.

NOV. 25 Board Meeting at Al Button's, 1744 Onacrest Curve, St. Paul, 7:30 p.m.

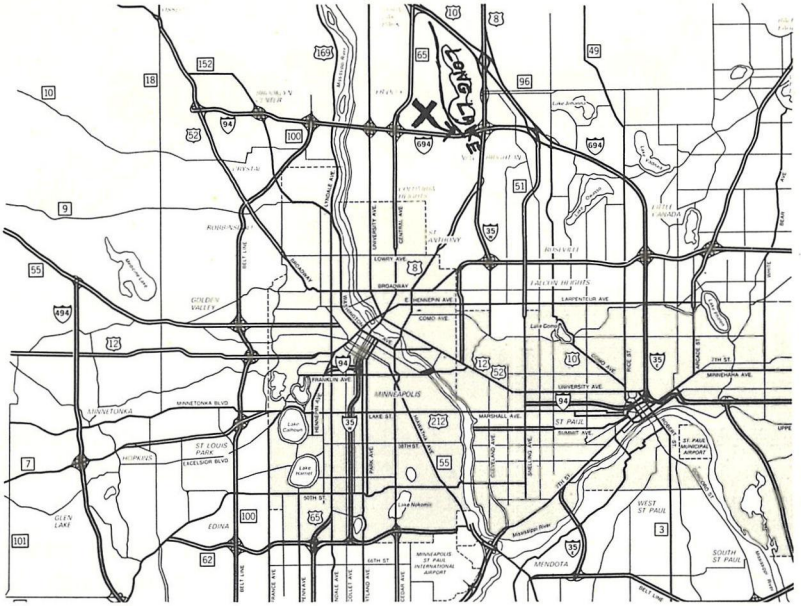
DEC. 17 Board Meeting at Jeff Howe's, 1403 4th St. S.E., Minneapolis, 7:30 p.m.

LAZY MAN'S COOK OUT

A new series of informal get-togethers has been "planned" for the second Wednesday of the month, beginning Wednesday, December 10 at 7:00 p.m. Meet for dinner at the Jolly Troll (where the banquet was held), 5418 Wayzata Blvd. These "meetings" are completely unplanned. Just look for Ian Richards or any friendly and bemused face - or any table with a pile of HUT's.



You make it...



DATE: WEDNESDAY, NOVEMBER 19

TIME: 7:30 p.m.

PLACE: New Brighton United Church of Christ at Long Lake Road exit and Highway 694 - Fellowship Hall in the basement.

Entertainment for the evening will be Adventure on the Middle Fork of the Salmon River. Joe Conrad will present fantastic color slides of a trip on one of the nations first official wild rivers - beautiful water, canyons, and wilderness area.

During the business portion of the meeting discussion groups will work out plans for the coming year. Groups will discuss:

(1) canoe cruises
(2) activity meetings
(3) race scheduling
(4) conservation activities
(5) publications - members handbook and HUT!

Any member interested in coming, just for the discussion or volunteering to serve on any of the above committees, will be truly welcome.



Even the Best Made Plans of Mice and Men

Andy Westerhaus

Originally I was going to title this article "Whitewater Week on the Wolf." However, as events turned out, this title would have been misleading.

A week's whitewater outing for most of our Fuzzy Faced Foam Finders would not require a great deal of planning, but for green whitewater enthusiasts who are parents of four small children, this is not the case.

Plans for a whitewater vacation began last summer after a weekend on the Wolf. A few things became apparent from this outing, namely: a weekend is too short and exhausting; a better whitewater boat than my standard 17' canoe would be required; and, finally, we would need to learn more about the river so that our experience level could be matched to an appropriate part of the river without trial and error.

Shortly after we joined the MCA, the club provided us with many contacts and information. For example, a ten below zero evening in February does not seem the ideal time to examine whitewater boats; nevertheless, I drove over to the Cooke Hall pool where MCA and U of M paddlers were frolicking with their boats. After watching the boats in action and gaining first hand information from Monsieurs Haug and Conrad, the C2 "Yugo" was selected as the best boat for us.

I had a very limited background in fiberglass boat construction. Many of the "tricks of the trade" I learned from fellow MCA'er Harry Wise through helping him build a standard 17' canoe. The balance of the canoe-making techniques

were obtained through phone calls to Bob Haug as problems presented themselves.

Building the C2 in my basement presented three major problems, namely: (1) ventilation, (2) mess, and (3) access for the molds Problem (1) was resolved by using epoxy resin and exhaust fams. The mess was tolerated by covering the floor with polyethelyne sheeting and a very understanding wife. The stairway into my basement makes a 90 degree turn at the bottom landing. This made moving in the molds a problem. In fact, a number of gouges in the plasterboard provide evidence of how tight the fit actually was. The C2 is constructed in a two-piece (top and bottom) mold. Each mold barely fit into the basement. The question was: Could the finished boat, twice as deep as each mold but without the mold flange be squeezed out of the basement? A rigorous geometric analysis of the problem nearly demands a John von Newmann type consultant. We decided to make the complete boat in the basement and get it out later. Joanne was hoping for a walkout basement anyway.

My brother-in-law, J. R. Mueller, and myself spent many weekends and evenings during the month of March engaged in boat construction.

The function of polypropelene cloth became apparent as we tried to get the boat out of the basement. The boat did get out without damage but it required squeezing the deck in somewhat. Encouraged by the results of the first boat we immediately built a second boat for J.R.

After a long winter, a new boat, and a warm spring day one gets very anxious to get out and paddle around. The second weekend in April provided the warm spring day. Since the lakes were still frozen, Sand Creek at Jordan, Minnesota was chosen as trial water for our boats.

Neither Joanne nor I had ever spent time in a whitewater canoe or kayak. Within five minutes after push off at Sand Creek we found ourselves upside down for no apparent reason. Fortunately we upset in rather quiet water. This was also our first experience with wet suits, and fortunately, they worked out just fine. Shaken, but not finished, we pushed off again. After a fast mile we got strained through a fallen tree and again we flipped when I ducked a branch being "unsprung". While dragging ourselves and the canoe to shore through the fast and cold water we decided that more working experience with the Yugo was required.

After a few more practice sessions, and with our confidence level restored, we were ready for our "Wolf Week." The problem of what to do with the children during our proposed vacation was solved by reserving a large cabin near the Wolf and taking along their grandparents. I thought the last week in May would provide a good trade off between high water and warm weather.

So, with our week's provisions, two canoes, five adults, four children and one dog all packed we set out with our Travelall for a great vacation. We planned to explore and fish the upper Wolf (Pearson to Lily) in the standard canoe and use the Yugo for the lower reaches. Cap's stage marker was at 7 when we arrived. This was high enough to get through the entire stretch without much bottom dragging. Mother Nature provided the hooker in our plans, for she supplied a near continuous cold rain from Saturday through Thursday noon. Thursday evening as we were preparing to get on the river and make up some lost opportunities, a severe storm and tornado bulletin was issued. The storm front moved through the area with vengance, providing a grand finale to a play which heretofore had a dreary plot.

Although most of the week was spent on interesting activity, such as watching to see if I could see the other side of the lake through the mist, or watching my beard grow, there were also memorable moments. The rain, in a sense, provided us with the opportunity to scout and photograph the nearby Pestigo River. Five foot falls and Horserace rapids were up and roaring. These appear to be on the same order of difficulty as Ducknest, Tea Kettle or the Dalles on the Wolf.

By Friday, a total of six inches of rain had fallen, bringing the river up to 20" on Cap's marker. Due to the brisk, cool winds and high water we decided to run the last three rapids above Langlade only. At that water level and with gusty surface winds these rapids proved very challenging. Saturday was the first nice day since our arrival. Unfortunately, this day was dedicated to packing and returning to the Twin Cities.

One would normally expect the average person to hang up the knee straps after such an opportunity was lost. Not true! Ask any whitewater ding-a-ling. The next weekend found Jean and J. R. Mueller, Joanne and I back at the Wolf. The water was still relatively high (13.5") and it provided a great run from Langlade to Highway WW.

CONSERVATION

IMPORTANCE OF SAVING MINNESOTA'S CANOE COUNTRY

The unspoiled natural beauty of the Boundary Waters Canoe Area in northeastern Minnesota is being threatened by prospectors who are seeking evidence of economically exploitable minerals, primarily nickel and copper.

The canoe area, most of which is in the Superior National Forest, is the only middlewestern area preserved under the 1964 Wilderness Act. Combined with adjoining Quetico Provincial Park in Canada, the region is the largest such recreational area in the world.

The area covers more than a million acres of interlocking lakes, rivers and forest lands. Most of it is easily accessible only by canoe. The area reported 700,000 visitor-days last season. This pine and water land should not be defaced by the scars of mining operations and the pollution, roads, roar of engines and commercial activity which they would bring. No mineral is worth such exploitation.

The prospecting venture shows a defect in the 1964 Wilderness Act. The act is designed to preserve more than 1.4 million acres of public land in a wild, unspoiled condition.

Conservationists sought to prohibit all new mineral operations immediately. This was opposed by Western mining interests. A compromise permits new mineral leases to be granted and new mining claims filed through Dec. 31, 1983. After that, there is a ban on new mining.

The government has acquired only surface rights on land in the canoe area. The prospecting is being undertaken by a New York businessman. G. W. St. Clair, who owns mineral rights on about 128,000 acres and has contracted with other mineral-rights holders to explore another 192,000 acres.

The status of these mineral rights, if valuable deposits are found, is confused. The courts generally have ruled that the holder of mineral rights has the right to use the land surface as necessary to extract any mineral deposits. However, the mineral leasing act, which controls oil, gas and certain other minerals on federal lands, provides that the issuance of new leases is discretionary with the Secretary of Interior. In the past, the secretary has refused to issue mineral leases on wild forest lands.



CLASSIQUE " DOW " - 1969

Luc robillard, Claude Cordin, Canada 7:02:39. Steve & Irvin Peterson,Mpls.Mn. 7:10:16. McEachern & Crerar, Canada 7:11:09 Jack Kolka, John Baker, Michigan 7:12:06. Jerry & Jeff Kellogg, Michigan 7:12:23. Gil Tinkler,Beaumier, Canada 7:19:18. Robin Baker, Gary Neddermeyer, Mpls.Mn. 7:25:38. Larry Peterson, Jeff Howe, Mpls.Mn. 7:34:08

CLASSIQUE MOLSON, Shawinigan, Quebec, Aug. 30-31 Sept. 1

Claude Corbin-Luc Robillard, Quebec	13:51:55
Jean Guy Beaumier-Gill Tinkler, Quebec	13:58:10
Jack Kilka-John Baker, Michigan	13:58:14
Irvin Peterson-Steve Peterson, Minnesota	13:59:37
Gib McEachern-Norm Crerar, Manitoba	14:07:40
Rosaire Dallaire-Rejean Beaudoin, Canada	14:23:08
Gary Neddermeyer-Robin Baker, Minnesota	14:30:27
Gerry Kellogg-Jeff Kellogg, Michigan	14:36:43
Lawrence Peterson-Jeff Howe, Minnesota	14:39:37
Raymond Masse-Daniel Milette, Canada	14 45:04
Marcel Jourdain-Andre Papillon, Canada	14:46:47
Alex Legros-Roger Beaulac, Canada	14:47:42
James E. Root-Albert Camp, New York	14:48:14
Pierre Gill-Richard Lajoie, Canada	14:48:34
Donald Dawning-David Kennedy, Manitoba	14:49:08
Gaetan Renaud-Dave Quigley, Canada	16:01:58
Blaise St. Pierre-Raymond Bernard, Canada	15:09:51
Gilles Fortin-Roger Pronovost, Canada	15:16:50
Georges A. B ldo-Al Shaver, New York	15:21:44
Lucien Brascoup-Jules Robert, Canada	15:21:52
Claude Marien-Jean Boudreault, Canada	15:31:30
Gerard Champagne-J.P. Gelinas, Canada	15:32:19
Bob Vincent-Tom Marshall, Montreal	16:04:05

policy

NEWS FROM THE BOARD

At the September meeting, the following dues policy was adopted by the Board: The MCA, Inc. fiscal year will be from November 1 to October 31 of the following year. Persons paying dues prior to July 31 will be considered as member for the current year. That is, their membership will officially expire on October 31 of the same year. As a courtesy to them we will extend the privileges of membership into the following year up to date twelve months after their dues payment was received. Persons paying dues after July 31 will be entered officially as members for the next fiscal year beginning November 1. They will be extended the privileges of membership, as a courtesy, for the months of August, September and October. As a courtesy to the club, members are asked to update their dues payments to October or November so that the club will have a sound financial footing to plan the new year.

MCA BANQUET

One hundred twenty members and guests attended the Annual Banquet on October 18th. The Jolly Troll Smorgasbord was enjoyed by everyone, and after eating a fine meal we were presented a movie by Bob O'Hara followed by slides and a talk by Milt Krona, State Parks Designer. He talked about Minnesota River Trails, which incorporates canoers, snow mobilers, horseback riders and backpackers all on the same course along the Minnesota River.

Engraved trophy-paddles for the six winning MCA canoe building contest were presented and a Jensen paddle door prize was won by W. J. Kenny. Ribbons and trophies were given for the St. Croix Slalom, and new officers were introduced Thanks to all who came and we assure you next year will be more light and lively.



l. to r. Ian Richards, Allan Button, Jeff Howe, Beth Siemon, Karl Ketter

Newly Elected MCA Officers

PRESIDENT: Karl L. Ke
Colwell Press Printing
MCA, and a past 3 year
include racing, river
noe building and anyth
ested in all types of
to members.

VICE PRESIDENT: Jeffrey Brian Howe, 29 years old and single, is a Laboratory Technician working in research at the University of Minnesota. An M.C.A. member 3 years, he is a professional racer but interested also in cruises. Social minded, Jeff believes in special interest groups working together on many projects.

SECRETARY: Beth Siemon is 21 years old, single, and a two year member of the MCA. She attended the U of M pre-med school and has made application to the Women's Medical College in Philadelphia. At present she is working as a Laboratory Technician at the Pillsbury Co. doing research and development. Beth started canoeing with her parents at Lake Calhoun and Lake of the Isles, and for the last 4 years has been canoeing the B.W.C.A.



Photo: Bob O'Hara

etter is 47 years old, an employee of
g for 20 years, a charter member of the
r director. His 27 years of canoeing
cruising, north country paddling, ca-
ning related to canoeing. He is inter-
canoeing education that can be offered

TREASURER: Ian Richards is 32 years old, single, a five-year member of the MCA, and a math professor at the U of M. He began canoeing as an Explorer Scout in the Boundary Waters Canoe Area. At present, he is active in white water canoeing and amateur racing. He has just returned from a year in Germany, where he canoed with the Munich Kayak Club.

THREE YEAR DIRECTOR: Allan Button is 30 years old, married, and a $2\frac{1}{2}$ year member of the MCA. He is a Research Chemist at 3M Co. and active in the 3M Chapter of the MCA. He has been Amateur Race Chairman, a white water racer, and has designed and built many canoes.

Paddle your own canoe .... but make it!

"GUESS WHAT, HONEY, I'M GOING TO BUILD A CANOE"

These words open a whole new world for the MCA wives. The first step in every husband's mind is how to convince the little woman. Operation Snow-job is under way. "Honey, it only costs $50 to $60. Think of all the money I can save. Why, if I bought a canoe already built it would cost me... etc." or "It will be so much easier for you to paddle." Now he has you thinking he is a financial genius, saving you a fortune (which you didn't intend to spend in the first place) and he's doing it all for you so it will be easier for you to paddle (which you didn't intend to do either). At this point you give your blessings to the project, smiling to yourself because you know he never finishes anything.

I call the next phase "Mr. Mole" (because he doesn't come up out of the basement) or "Has anyone been able to find my husband in that mess?" It takes approximately 100 hours to build a canoe. Now, your husband can do this over a period of one month or six; mine chose three or four. By appointment only you may consult with him about trivial matters, such as: the children, repairs, funerals, marriages, etc. "Now Dear, don't you worry about the mess. You know me. I will clean it up when I am all done." Yes, we know them, don't we girls.

Then be sure to offer to help him. After all, YOU MUST BE INTERESTED IN HIS HOBBY and it may help to get rid of the mess a little faster. This gives your hubby the golden opportunity to boss you about and smile patiently at you when you spill the varnish in the canoe while doing the gunwales. Don't offer any time-saving ideas or opinions on method. After all, he is the builder-extraordinaire, and "Dear, I'd rather do it myself." It also hurts his pride when another man comes in and suggests the same thing you did.

Finally, the day of launching your sturdy craft arrives; the big day of adjusting the seats. MY hero chose a drainage ditch. Did he take me along so the seats were adjusted for us? No, he took a good neighbor man who is close to my size, give or take 85 pounds. Consequently, I now rest my feet on 85 pounds of rocks, but our canoe is balanced! As it turned out his bringing the neighbor man was my first break. They tipped over, so I missed a dunking in two feet of water (somebody up there likes me).

GUESS WHAT, HONEY continued

Your first cruise with the MCA - you're green as grass with absolutely no experience behind you. You know this is your first time in a canoe, but no one else knows - until you pick up your paddle and hold it like an oar. Your husband knows how, so he gently corrects you. "For heavens sake, at least hold the paddle right!" Now you are equal - now neither one of you knows what to do. But you take off and make the most beautiful circles anyone in the club has ever seen. Now your husband is yelling "Hut! Draw! Pull! Rudder!" (he must have seen this in a movie) and rest assured, when you ask him "How?" he will say "Experiment!" After much effort you begin to go forward, but why is everyone else so far ahead? And why does it look so easy for them when I am working so hard?

Two cruises later you've got the hang of it and you can keep up and pass a few. You've also learned that when he screams "hut-draw-pull-rudder" you yell "What? What? What?" This leads to many colorful discussions, but at least you're communicating. When you see a man and woman paddling down a river in quiet contentment and you are thinking "isn't it wonderful that they can do things together," look closely at the faces. They probably aren't speaking.

Is it worth it? Three years and three canoes later I'm still doing it and my husband says I'm his best friend. I guess it is worth it.

P.S. I hope you're ready for "Guess what, Honey. I'm going to build a racing canoe."

Pat Canny





Knights of Columbus first Missouri National Invitational Columbus Day Endurance Canoe Races--Bonne Terre, Missouri

The organizers of this canoe race should win the prize for the hardest work or most effort put forward of all the canoe races in the United States this year. Sunday, October 12th, 1969 dawned wet and miserable, but it didn't cool the enthusiasm of the judges, organizers, spectators and contestants of the race.

Canvases and tarps were hung to keep the rain off the papers, time clocks and radio transmitters, and the contestants were ready to go. Starting time was 8:00 a.m. until noon, and each contestant could choose his class and pick his starting time with the shortest clocked time winning each class.

There were five amateur classes and four professional classes, which spread the trophys and prize money over a large area. I am sure all the contestants were happy with the results as nearly everyone wound up a winner.

The Minnesota Canoe Association offers heart-felt thanks to the organization officials for a job well done. We know next year will bring more and better contestants and a brighter and sunnier day.

Professional			
Cruising	Canoe 1 Men's Singles	Jeff Howe,Mpls.	3:50:40
	Canoe 2 Men's Doubles	Ken Ketter	
	1st.	Keith Canny	3:28:16
	2nd.	Karl Ketter	
		B. Ketter	3:30:48
Aluminum	Canoe 2 Men's Doubles	Gary Neddermeyer	
	1st	Robin Baker	3:40:10
	2nd	Keith Canny	
		Ken Ketter	3:54:22
	Canoe 2 Mixed Doubles	Jerry Wagner	
	1st	Marilyn Wagner	3:36:20
	2nd	Dusty Bertal	
		Linda Jones	4:06:39
Amateur	Canoe 2 Men's Doubles	1st Tim Hanion,Bill Schute	3:13:29
		2nd Bob DeMonet,Ted Holbrook	3:17:57
		3rd Bill, John England	3"47:31
	Canoe 2 Mixed Alumium	1st Bob Klein, Natale Christian	3:45:02
		2nd Gene & Helen Denzel	3:47;06
		3rd Ed & Ann Groat	4:43:45
Aluminum	Canoe 2 Men's Doubles	1st Dick Wolff,Scott Gallagher	3:36:14
		2nd Dave Cooke, Richard Abein	3:52:21
		3rd Dean Adams, Jim Harrelson	3:52:21
	Canoe 2 Youth(under 16)	st. Mike Mahan, Kevin	4:37:30
	Canoe 2 Youth (under 19)	1st Bob Claywell, Clark McGrall	4:15:44

BUILDING

FIBERGLASS "TRICKS OF THE TRADE"

In the course of making fiberglass reinforced epoxy boats, I have discovered a few ideas which may help other MCAers.

A large variable speed floor fan mounted in a window provides exhaust ventilation for indoor work.

Polyethylene sheeting taped to the floor provides for resin spillage and easy clean up.

Braces (to prevent the mold from rocking) nailed to a sawhorse provide a good mild support.

Cutting straight glass strips can be done by pulling a thread and cutting along the vacated thread line.

Use a number of longitudinal strips, eg. 2", 4" and 6" strips, to stiffen the "keel line". In addition, more strips are used to reinforce the stern.

A tall can, such as a 46 oz. juice can, provides a good mixing container for epoxy. A punch is used to make indentations in the can so that proper epoxy/hardener ???????

A thick wire mixing attachment for a $\frac{1}{4}$" electric drill provides easy and thorough resin mixing.

Disposible paper towels save the frustration of wet, sticky rags.

SPRAY SKIRT TRICKS

My wife has found that spreading a thin film of Vaseline on the rubberized skirt material greatly enhances sewing ease.

Shock cord can be securely tied without a bulky knot by using a wipping of thin nylon cord wound over about two to three inches of shock cord overlap.

Andy Westerhaus

CORRESPONDENCE

Dear Karl:

It was good to hear from you. As you say, moving up here at Aitkin has been something like going to the ends of the earth, and I guess that's one reason I moved here. After attending meetings for 35 years, I figure I had my share of it so forgive me if I don't show up at yours.

Thanks for the kind words about my column.

Sincerely,
James W. Kimball
columnist

Dear Karl:

The extra buck (sent along with membership dues) is to help support a fine magazine.

Donald C. Lundquist
Mounted Route
Alexandria, Mn. 56308

Where are our members who received last months HUT. The break down of the mailing list revealed these interesting facts:

Mpls.	380	Michigan	13	Florida	3
St. Paul	115	New York	11	N. Dakota	3
Other Minn.	80	Iowa	5	Nebraska	2
Wisconsin	38	California	5	S. Dakota	2
Illinois	21	Ohio	5	Tenn.	2
Canada	20	Indiana	3	Oregon	2
One member each, Va.Pa.Wa.Id.N.B.				Texas	2

Why are there so many from so far away? Our guess is that we must have something of interest for them to read or they wouldn't stay with us year after year. Our hope is to keep everyone informed on events, and share with them the bond of adventure that only canoeists can experience.

CHORP

CHO for chocolate
R for raisins
P for peanuts

This is an energy-filled snack for hikes, canoe trips or to keep on hand in the house. Into a plastic bag put one package each (equal parts) of chocolate pieces, raisins and peanuts (salted or unsalted, according to your preferences). Shake the bag and you're ready to dip in for a handful. Diced, sugared dates may be added to the mixture, also.

"SOMETHING WILL HAVE GONE"

"Something will have gone out of us as a people if we ever let the remaining wilderness be destroyed; if we permit the last virgin forests to be turned into comic books and plastic cigarette cases; if we drive the few remaining members of the wild species into zoos or extinction; if we pollute the last clean air and dirty the last clean streams and push our paved roads through the last of the silence.

"We need wilderness preserved — as much of it as is still left, and as many kinds — because it was the challenge against which our character as a people was formed. The remainder and the reassurance that it is still there is good for our spiritual health even if we never once in ten years set foot on it. It is good for us when we are young, because of the incomparable sanity it can bring briefly, as vacation and rest, into our insane lives. It is important to us when we are old simply because it is there — important, that is, simply as an idea." *— Sierra Club member Wallace Stegner in his report:* Wilderness As Idea.

Ever try to "breathe" (literally) some life into a sluggish cooking fire and wind up with egg on your face singing "Smoke Gets in Your Eyes"?

Well, in five minutes you can make a little gizmo which will tuck into a far corner of any pocket and end the song for good. Just push one end of about three inches or so of metal tubing either into or over one end of about two feet of rubber tubing (the thinner the wall the better). Pinch the protruding end of the metal tube flat and almost shut. If the rubber tubing is of exceedingly thin wall put a short piece of the metal tubing, unpinched, into the other end as a mouthpiece.

Now start blowing, sitting comfortably out of the smoke and feeling with the concentrated air blast for the "ticklish" spot in that fire. Every fire has one. When you hit it the fire will take off like a blast-furnace. You won't have to blow hard because you are putting the blast, concentrated, right where it does the most good.

Chauncey L. Greene
Sierra Club

THE ORACLE

Q. What is contained in the catalyst used to harden resin?

A. The active ingredients in the catalyst are methyl ethyl and ketone peroxide. It should be labeled "poison" as it can cause serious burns to the skin, lining of the mouth or throat. The catalyst will decompose, so is best stored in a glass container in a cool, dry place.

Q. In case a person got catalyst on the skin or swallowed some, what should be done to avoid a tragedy?

A. Dilute the contaminating substance with large amounts of water, if on the skin. This is best done in a shower, but may also be done with a hose, bucket or any other means. The water should be luke warm, if possible.

If swallowed, call a doctor, then give the victim the universal antidote. Universal antidote: Mix one piece of powdered burnt toast, one cup of strong tea and four tablespoons of Milk of Magnesium. Swallow this followed by several cups of water.

REVIEW

"It was my purpose to descend its entire course from the remotest springs in the wilds of Minnesota to its outlet in the Gulf of Mexico. I desired to become familiar with the most striking features of the Mighty River, and to study, through personal intercourse, the varying phases of American life and character upon its banks. No one had ever attempted this before, and it is hardly probable that any one will ever attempt it again, for the perils of a voyage of over three thousand miles in an open canoe are not purely imaginary. And yet this was the only way in which I could practically and satisfactorily accomplish my purpose of making careful observations along the route traversed."

THE GREAT RIVER, or DOWN THE GREAT RIVER
by Captain Willard Glazier, Philadelphia
Hubbard Brothers, Publishers, 1891

This is truly a classic and if you can find it in any used or antique book store it will be a treasure comparable to your canoe paddle, canoe, or wife.

Karl L. Ketter

MEMBERSHIP APPLICATION

(please print)

Name_____ Sex _____ Age _____

Address_____ Telephone _____

City & State _____ Zip Code _____

I wish to apply for membership in the Minnesota Canoe Association, Inc., for the year Nov. 1, 19___, to Oct. 31, 19___.

REGULAR ($5) JUNIOR ($3) ASSOCIATE ($2.50 LIFE ($100)

Signed _____ Date_____ 19_____

MEMBERSHIP SURVEY INFORMATION

Occupation_____ No. of Yrs. canoeing___ Canoe Owner?_____ Type_____

Please make checks payable to Minnesota Canoe Association, Inc. Your membership card will be your receipt and proof of payment.

NOTICE: Bulk mail cannot be forwarded by the Post Office.

MOVING: Please send your new address to 101 - 79th Ave. N., Mpls., Min. 55430. Include zip code.

MAIL: Please send news items, reviews, feature articles, questions, etc., to MCA, 101 - 79th Ave. N., Mpls., Mn. 55430.

HUT STAFF

EDITOR: Karl L. Ketter

MAILING: Keith and Pat Canny, Betty Ketter

PRINTER: Graphic Center, Fridley, 560-0866

MINNESOTA CANOE ASSOCIATION

101 - 79th Avenue North, Minneapolis, Minnesota 55430

MINNESOTA CANOE ASSOCIATION, INC.

101-79th Avenue North, Mpls., Minn. 55430

The Minnesota Canoe Association, Inc. is a non-profit organization dedicated to promote all aspects of canoeing.

MCA OFFICERS

President	**Karl L. Ketter** 101 - 79th Ave. N. Minneapolis, Mn. 55430	561-1108
Vice President	**Jeff Howe** 1403 4th St. S.E. Minneapolis, Mn. 55414	331-9974
Treasurer	**Ian Richards** Dept. of Math University of Minnesota	373-2586
Secretary	**Beth Siemon** 8021 Eastwood Drive N.E. Minneapolis, Mn. 55432	784-2089
Director	**Terry McGaughey** Route 1 Pine River, Mn.	
Director	**Abner Jones** 7966 Eastwood Drive Minneapolis, Mn. 55432	784-5302
Director	**Al Button** 1744 Onacrest Curve St. Paul, Mn.	488-9621
Director	**Allan C. Buchholz** 2762 Iona Circle St. Paul, Mn. 55113	484-4346
Director	**Royce Sanner** 6450 York Ave. S. Minneapolis, Mn. 55435	920-8272

Bulk Rate
U.S. POSTAGE
PAID
Permit No. 615
Minneapolis, Minn.