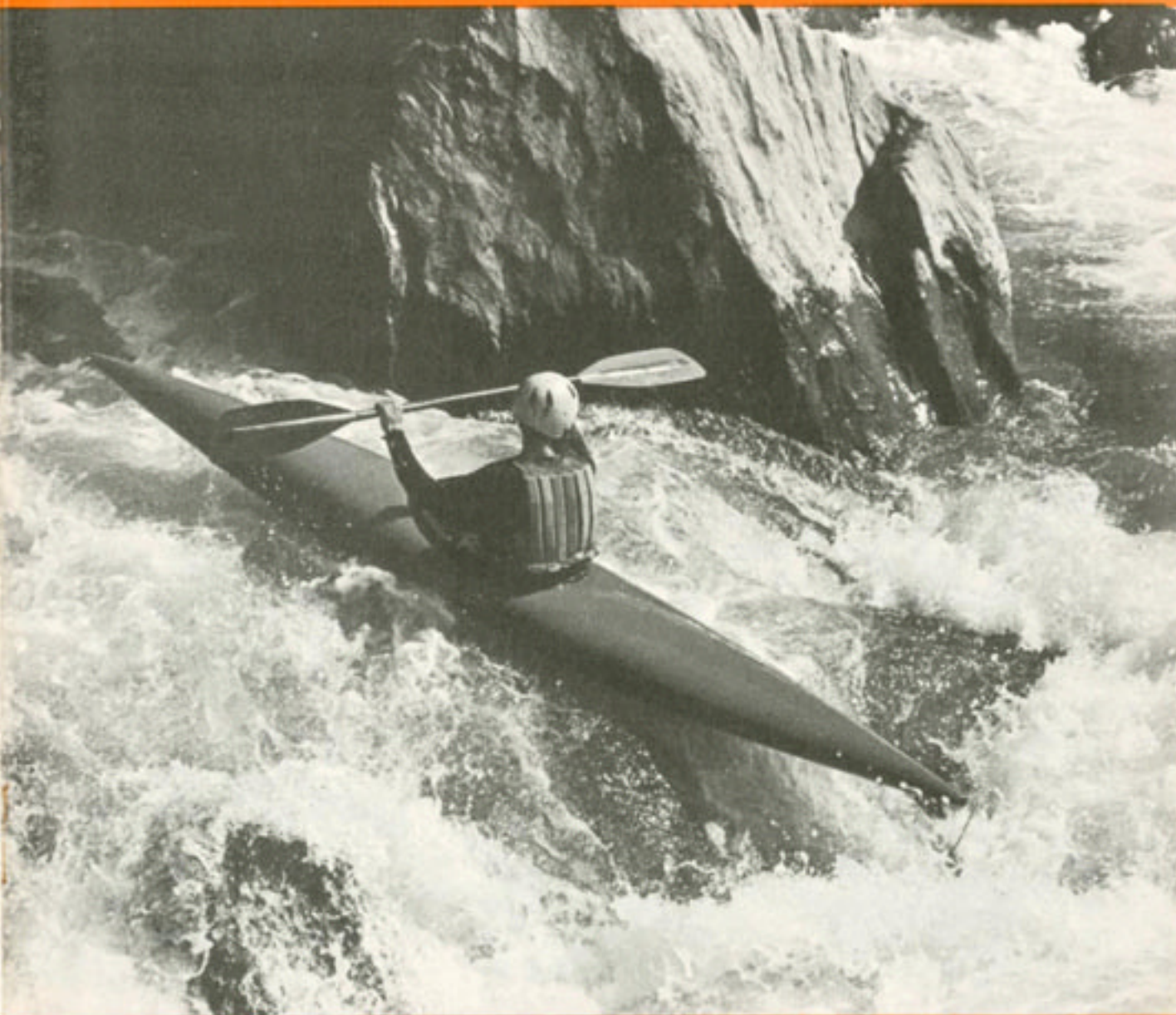


American

WHITEWATER

the Journal of the American Whitewater Affiliation



WINTER, 1973 Vol. XVIII, No. 4

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WINTER 1973

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264 East Side Dr.
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Editorial Chairman and Editor: Iris Sindelar, 264 East Side Dr., Concord, NH 03301

Southeast Regional Editor: Margaret O. Tucker, 2618 DeFoor's Ferry Rd., N.W., Atlanta, GA 30318

Editorial Committee: Margaret Tucker, Ed Alexander, O. K. Goodwin, Charles Smith, Geo. Larsen, Ray Gabler, Michael Mutek.

Business Manager: Charles Smith, 1760 Walnut St., Berkeley, CA 94709

Production and Circulation Manager; Surfing Reporter: Geo. Larsen, Box 1584, San Bruno, CA 94066

Membership Chairman: J. B. Dewell, 104 N. ~~ROW~~ Woods Cross, UT 84087

Safety Chairman: O. K. Goodwin, 1240 Moyer Rd., Newport News, VA 23602

Conservation Chairman: Gerald Meral, Environmental Defense Fund, 2728 Durant Ave., Berkeley, CA 94704

Correspondence Chairman: Lynn Wilson, Box 109, Pluckemin, NJ 07978

Racing Editor: Ray Gabler, 151 Jensen Circle, West Springfield MA 01089.

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The Staff and committee members listed above are unpaid Whitewater enthusiasts who volunteer their time and efforts to bring affiliate/member subscribers this journal. Your contribution of articles, letters, race results and schedules, photos and drawings are essential for their continued efforts and the timely publication of the American Whitewater Journal.

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Letters from Readers

THOUGHTS ON VIEWING THE SUMMER COVER

(I must admit to mixed reactions when I saw the photos and read the article by Martin Begun which appeared in American **Whitewater**—Summer issue.)

"Maybe this kind of an article shouldn't be printed; it only entices the beginners into trying the same thing! And it will surely bring about more restrictive legislation."

"I wonder if Begun (or others) have experienced any difficulty with knee braces or straps. It appears that this could result in the paddler being jammed under the foredeck of his boat. Some boats are not well outfitted for this kind of thing."

"I'm glad Iris (the Editor) added her comments. Safety-wise, this is not for everybody!"

"Gad! What a sensation that must be! —For somebody else, not me! (I'm chicken—or sane)"

"I wonder how many beginners are already out, looking for a good falls, anyway, and how many of them know what a vertical eddy is?"

"I can't blame the Editor, though — it sure makes good copy!"

"I can't blame Begun, either—it must be quite a fly—and everybody likes the world to know of his exploits."

"Maybe this is the kind of thing to print—provided the Editor puts it into proper perspective by calling a daredevil a daredevil. It will at least show

the beginners some things they should not do and show the legislators that there are widely diversified 'canoeists.' "

"I'm still concerned with the opinions it will generate."

"I hope we will continue to have the freedom to paddle as we see fit."

"If I were Editor, I would not print it."

O. K. Goodwin
AWA Safety Chairman

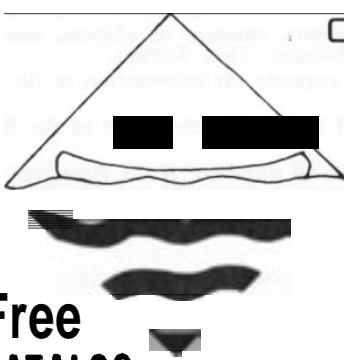
November 13, 1973

Dear Iris:

I received my copy of Am. Whitewater today. I can't believe what you wrote on page 85: "From now on it will be this Journal's policy to publish photos of properly equipped boaters only."

I'm not going to try to defend a person's right to not wear a lifejacket, although I believe in that right strongly. I wear a lifejacket and I know you do—what I'm concerned about is a photographer's right to photograph them and the readers' right to see those pictures. Think of the great pictures we wouldn't have if you had done this a few years ago. The Carl Trost article, Winter '71, or the great surfing picture on the cover of Summer 1971 to name but a few.

Think of all the great pictures we won't see in the future if you go through with this ridiculous policy (like the East Fork of the Russian



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CATALOG**

River article you published almost two years ago).

I call it ridiculous because under this policy you couldn't print a picture of an Eskimo in his native boat or Milo Duffek on the Feather River in 1964 or those incredible guys I photographed in their homemade canoe.

Perhaps the answer is to label the pictures as "improperly equipped" or some kind of editorial comment to the effect that this is unsafe, but to censor them out completely means that we are going to lose a lot of good photos and American Whitewater will be less representative of what is going on in the whitewater world.

Joe Bauer
Box 394
Inverness, CA 94937

(You have a point and obviously there are a lot of situations that don't require a lifejacket, but the novice boater generally doesn't have the background to tell when a lifejacket is or is not necessary. We've seen novices on dangerous rivers who refused to put on lifejackets because that would make them look "sissy" or less than confident of their own skills. When such people get in trouble, other people get upset and start promoting legislation which will INSIST that you and I and everyone else wear a lifejacket even on a knee-deep stream of 75-degree water.

Wearing a lifejacket should be the budge of the knowledgeable boater, not the opposite; if an image-conscious boater sees in our publication that a lifejacket is standard equipment, maybe he or she won't be so reluctant to put one on and won't be so likely to get in trouble on an unfamiliar river.

The November, 1973 "Splashes (newsletter of the W. Va. Wildwater Assn.) has this to say on the subject: "Ralph McCarty writes about his investigations concerning lifejackets and in doing so has focused on questions pertaining to whitewater safety . . . (He) takes umbrage at advertisements from firms in the whitewater business depicting puddlers in fast water without helmets or jackets . . . Also such pictures appear in the national media (National Geographic) and embarrassingly enough, occasionally in one of the national canoeing mags. Such publications should be setting good examples for potential puddlers." —Ed.)

Jolliet-Marquette Voyageurs Receive Presidential Sports Award

Congressman Frank Annunzio (11th District, Chicago) presented the Presidential Sports Award to the eight "voyageurs" re-enacting the historic expedition of Louis Jolliet and Pere Jacques Marquette at a Chicago ceremony Sept. 2.

The voyageurs, paddling two birch canoes for 3000 miles through the Midwest, qualified for the award early in their trek. Their route duplicated that of the first explorers to enter the Illinois country 300 years ago.

The Presidential Sports Award Program was established by the President's Council on Physical Fitness and Sport this year to encourage active participation in 31 sports by Americans of post-high school age.

The seven "voyageurs" and one "Indian lad," all from Illinois, completed the requirements in the minimum time possible, 29 consecutive days. They are Lee Brosky, Father Charles McEnery, Reid and Ken Lewis, all of Chicago; Dean Campbell of Springfield; Bill Dwyer, Rockford; Jim Phillips, Aurora; and Jeff LeClerc of Elgin.

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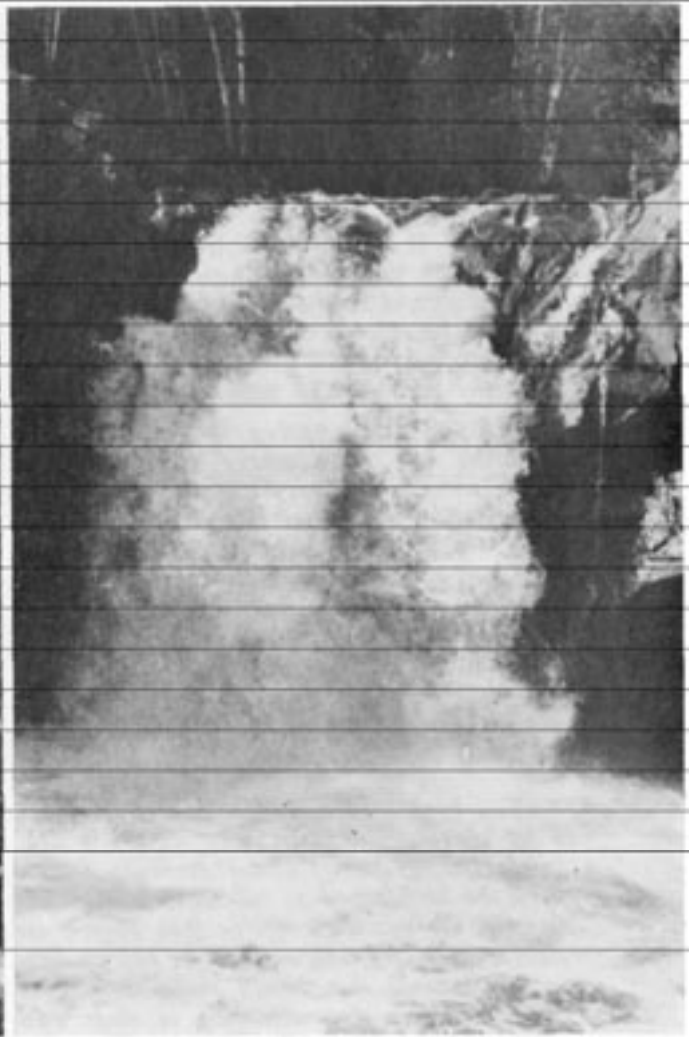
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1974

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See Editor's Soapbox for Details



Above, left: Portage around Shaft Falls on the Arrow R., a tributary of the Pigeon. Above, right: Illgen Falls on the Baptism R. Photos by Andy Westerhaus.

North Shore Wilderness and Wildwater

by Andy Westerhaus, 1905 River Mills Dr., Burnsville, MN 55337

The beauty of the North Shore of Lake Superior is well known. The cascades, pallasades, and, of course, the clean, cold, and temperamental Lake Superior are all part of this beauty. The North Shore provides a virtually untapped resource of intermediate and expert whitewater runs. In addition to the rivers, the lake provides some exciting surfing possibilities.

Characteristically, most of the North Shore streams begin in large lakes or bogs in or near the BWCA. These streams are relatively slow flowing, except for their final plunge into the lake. Gradients of 50 to 150 feet/mile are common in the last 10 miles of each stream. In the final mile or two the

falls and deep cut gorges are spectacular.

Most of the rivers on the North Shore require a good deal of paddling experience. The difficulty rating is given for low-to-medium water levels. Most rapids would probably rate one grade more difficult at high water. During periods of high flow the Dalles of the St. Louis, Section III of the Baptism, and the Brule below Devils Kettle are dangerous. During high water, the Temperance, Devil Track, and Pigeon offer great runs.

The North Shore rivers flow through a near wilderness setting. The banks are overgrown, giving evidence of the infrequent use of this area, even for

fishing. Bear, deer, and moose are not unusual. This is the only area in the coterminous U. S. where the possibility of a wolf sighting still exists.

Waterfalls add a unique dimension to North Shore boating. There is an excitement, hard to describe about the first run of a river with known falls, but an unknown number of these at unknown locations. Since these rivers have many bends, vertical walled canyons, and very steep gradients, one must assume a waterfall lurks just out of sight. (On Section III of the Baptism this is nearly the case.) Nearly all the falls occur in the middle of a steep rapid. The sound of the fall may be overwhelmed by the rapid. Furthermore, the rapids may require so much attention that the falls is not observed until one is nearly at its lip. Every North Shore stream has at least one unrunnable falls.

The North Shore abounds in excellent campgrounds. The state forests, state parks, and the Superior National Forest offer a wide variety of campgrounds. The campgrounds near the lake can be cold, even in midsummer, if the wind is coming from the lake. A

good reference map is the Superior National Forest map. You can obtain a free copy of this map by writing:

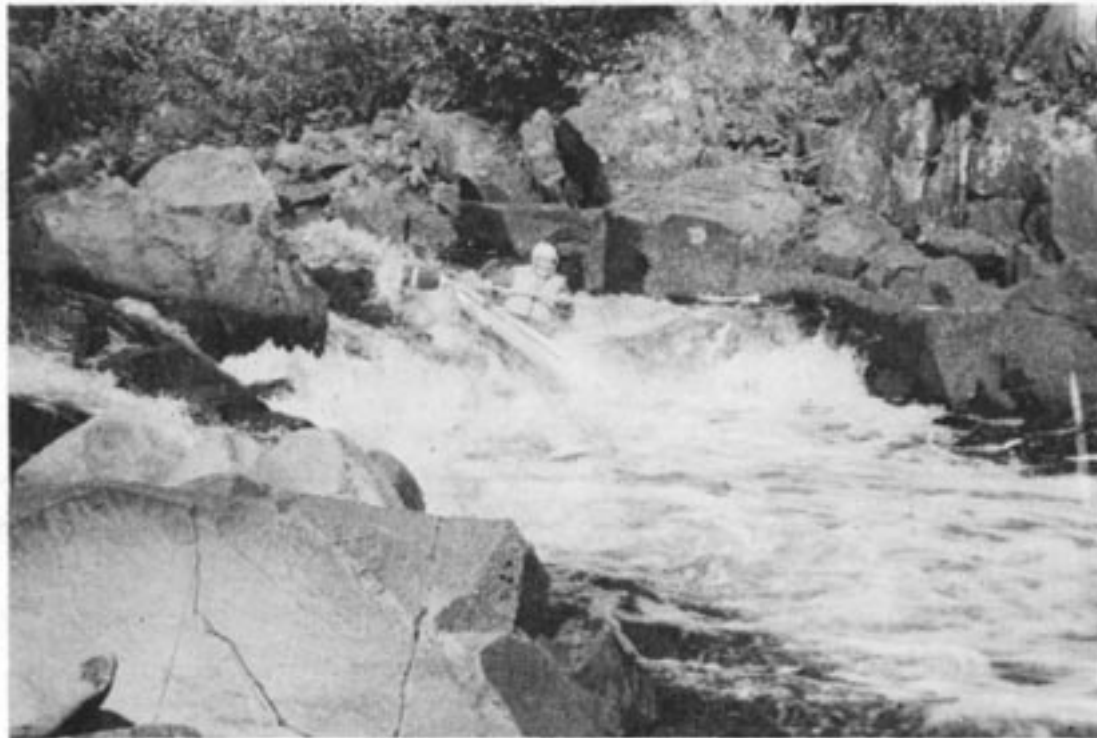
Forest Supervisor
Superior National Forest
Box 338
Duluth, Minnesota 55801

Two of my favorite rivers are the Baptism and the Brule. The best water generally is available in late May and June.

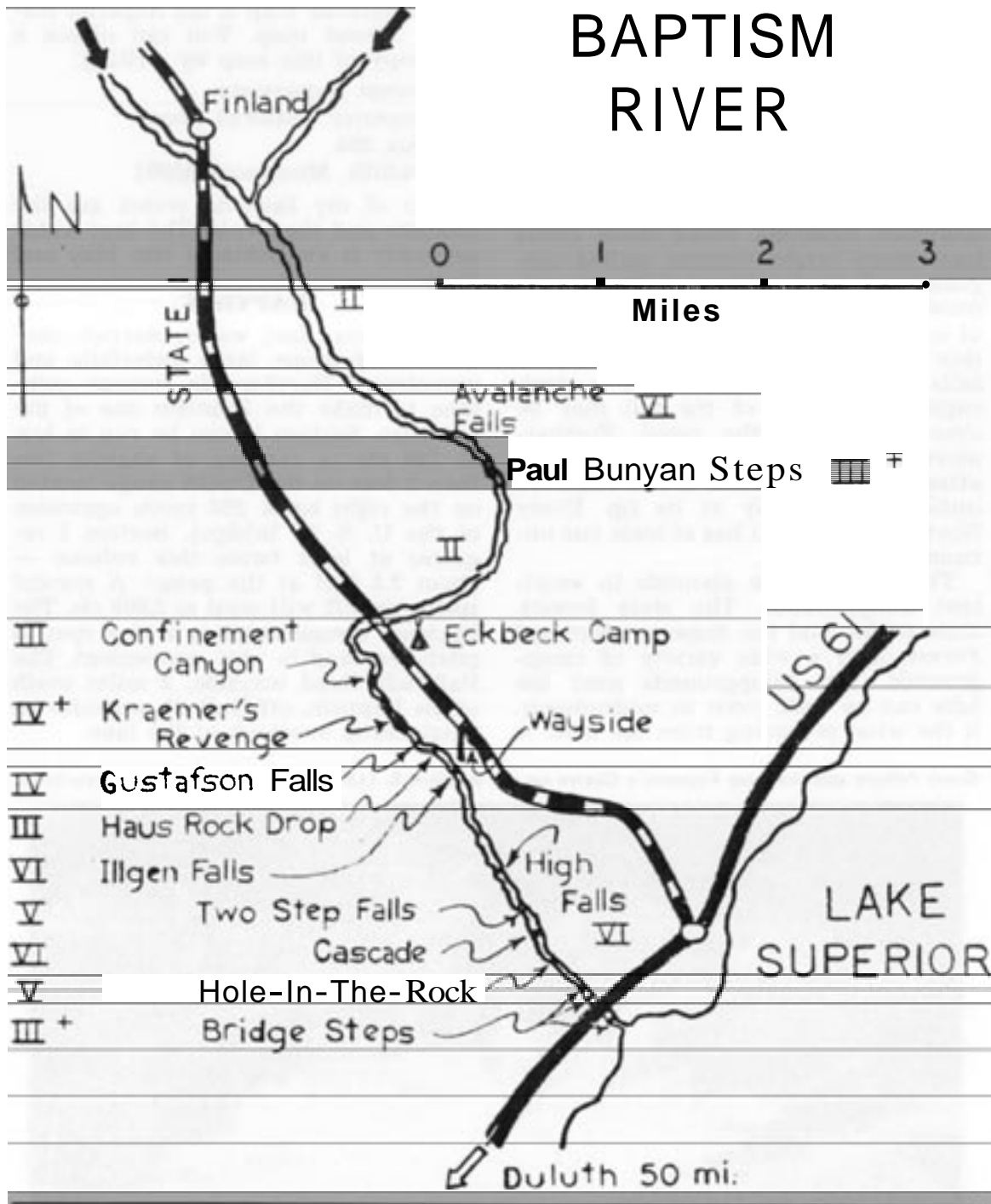
BAPTISM

Continuous fast water, narrow canyons, steep drops, large waterfalls, and unmolested Northwoods scenery combine to make the Baptism one of my favorites. Section II can be run as low as 150 cfs (a reading of slightly less than 2 feet on the USGS gauge located on the right bank 200 yards upstream of the U. S. 61 bridge). Section I requires at least twice this volume — about 2.5 feet at the gauge. A normal spring runoff will crest at 2,000 cfs. The Eckbeck campground is a fine spot to tent and is very convenient. The Pallisade Head wayside, 2 miles south of the Baptism, off U. S. 61, provides an outstanding overlook of the lake.

Grant Friberg approaching Kraemer's Choice on the Baptism R. (150 cfs.). Photo by Andy Westerhaus.



BAPTISM RIVER



	IN	OUT	LENGTH (mi.)	GRADIENT (ft./mi.)	DIFFICULTY
SECTION I	Park at Finland	Eckbeck Camp	4.5	50	II-III ₆
SECTION II	Eckbeck	Illgen Falls	1.5	75	III-IV
SECTION III	Illgen Falls	Lake Superior	2.5	125	III-IV-V ₆

Flow Data in cfs (averaged over a 10-year period):

April	May	June	July	August	September	October
560	440	230	110	80	120	130

SECTION I—Continuous grade **II-III** rapids except for Avalanche Falls, a 25 footer. This falls is not obvious and occurs in a fast rapid, so care must be exercised beyond 2 miles from the put in. Portage is on the right over the rock bank. Shortly after this falls comes the Paul Bunyan Steps—4 ledges, each about 4 feet high, all within a few hundred feet. The first ledge is on a right hand turn and is hard to spot. Each ledge can be run near the middle.

SECTION II—A very challenging run for experts. The river is narrow and twists through small canyons. Confinement Canyon starts shortly after the first right hand turn after put in. The quiet pool at the bottom compensates for the final ledge. Kraemer's Revenge starts easy and gets progressively harder, terminating in a steep drop with a large boulder in midstream. This last drop is called Kraemer's Choice. The chute on either side of this boulder is less than a boat length wide. The water pillows up on the rock and splits the volume nearly in half. The decision to go left or right around the rock depends upon your boat's orientation after you pass the turbulence 25 feet above the rock. Gustafson Falls is 200 yards downstream. This five footer is relatively easy near the middle except that just downstream of the falls the river makes a 90 degree turn to the left against a granite wall. Haus Rock Drop is a sloping ledge with a large rock in its middle. The safest run is just left of the rock using enough momentum to punch through the turbulence at the bottom. 30-foot Illgen Falls is about one-half mile downstream and is easy to spot. Since the rapids continue to the lip of the falls be sure to take out with ample margin.

SECTION III—This section is only for experts who are willing to make very difficult portages. The beauty of this area makes up for the hardships. A hiking trail leads from Highway 61 to High Falls with spur trails to the Cascade and Two Step Falls. Except for Illgen Falls the others occur in fast rapids around blind turns. This section becomes extremely treacherous at high water. High Falls is a vertical 85-foot waterfall, the highest within the state

of Minnesota. The hiking trail on river left makes the best portage. Two Step Falls is a two-part falls each about 10 feet high and separated by 20 feet of fast water. The Cascades drop 57 feet in 700 feet through a crevasse—a spectacular sight. Two Step and the Cascades are best portaged on the left bank using ropes to lower the boats. From the Cascades to the lake are some steep drops, the worst of which is Hole-in-the-Rock. These can be scouted by hiking up the right bank from Highway 61.

BRULE

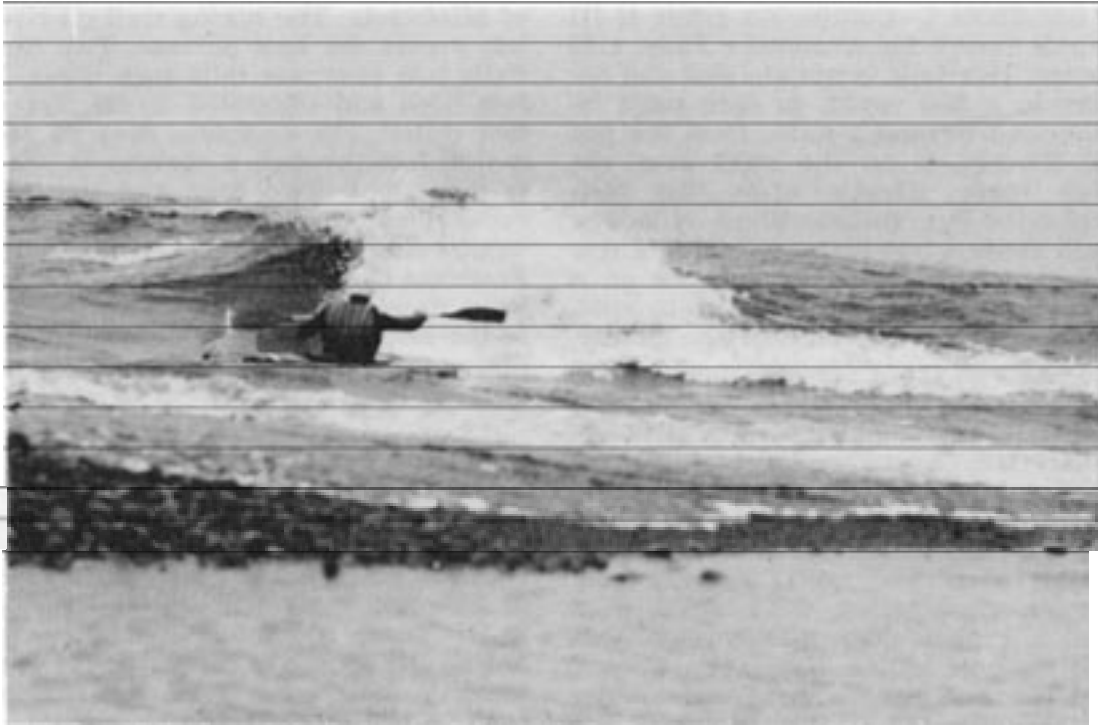
The Brule is a very demanding river suited for the adventurous soul who is willing to do some scouting and make some difficult carries. Other than small eddies I do not recall any quiet water on this entire stretch. Unless someone in the group is familiar with the river one should scout the canyon at the C. R. Magney State Park from the parking area up to Devil's Kettle.

The trip begins with a long carry in from the end of County Road 70. Access is through private property. The path leads to the base of Sauna Sluice—a very steep and narrow rapid full of large boulders. Cabin Corridor is just downstream and can be scouted via a short hike from put in.

Second Island Falls is just downstream of the second island (with trees) from Cabin Corridor. The Second Island Falls is an 8-footer, but it subdivides into two runnable 4-footers near the right bank.

Less than one-half mile downstream from Second Island Falls is Canyon Island Falls. The left wall of the canyon is dull red and nearly vertical. Do not enter the canyon since this may commit you to running 40-foot Canyon Falls and ruining your whole day. Portage the canyon on the left. Except for a game trail leading down to the river from the canyon rim, this was a very difficult carry through dense woods up a steep hill.

The **III** by 3 Flume (Grade **III** continuous for 3 miles) makes up for the difficulty of Canyon Falls. This is the steepest, most continuous run I have paddled that did not require scouting—great therapy for the spirit.



Surfing on Lake Superior near the mouth of the Brule. Photo by Andy Westerhaus.

Sinister Devil's Kettle is aptly named. At first look it appears to be a simple unrunnable 40-foot drop in a steep walled canyon. Upon closer examination, one finds that the water on the right hand side falls into a large kettle half way down. This kettle has a hole in its bottom, causing a large proportion of the volume to go underground at this point. In addition, 50-foot Upper Falls lurks just downstream. The lead in to Devil's Kettle is fast, nondescript, and in a gradually deepening canyon. Hence, flagging its approach a comfortable distance upstream is highly recommended.

Devil's Kettle and Upper Falls are portaged in one carry along the hiking trail on the left. Lower Falls is about one-fourth mile downstream. Its approach is quite obvious, but in fast water. Durrant's Declivity begins just below Lower Falls. This is a steep boulder bed rapid that runs into a series of small ledges, terminating in the Sewer Pipe. Sewer Pipe is a nearly vertical 6-foot drop in a narrow canyon. Foot-bridge Falls is relatively easy on the extreme right. From here to the lake it is just riffles but the mouth of the

Brule makes a good place for surfing, so the paddle to the lake may be well worthwhile.



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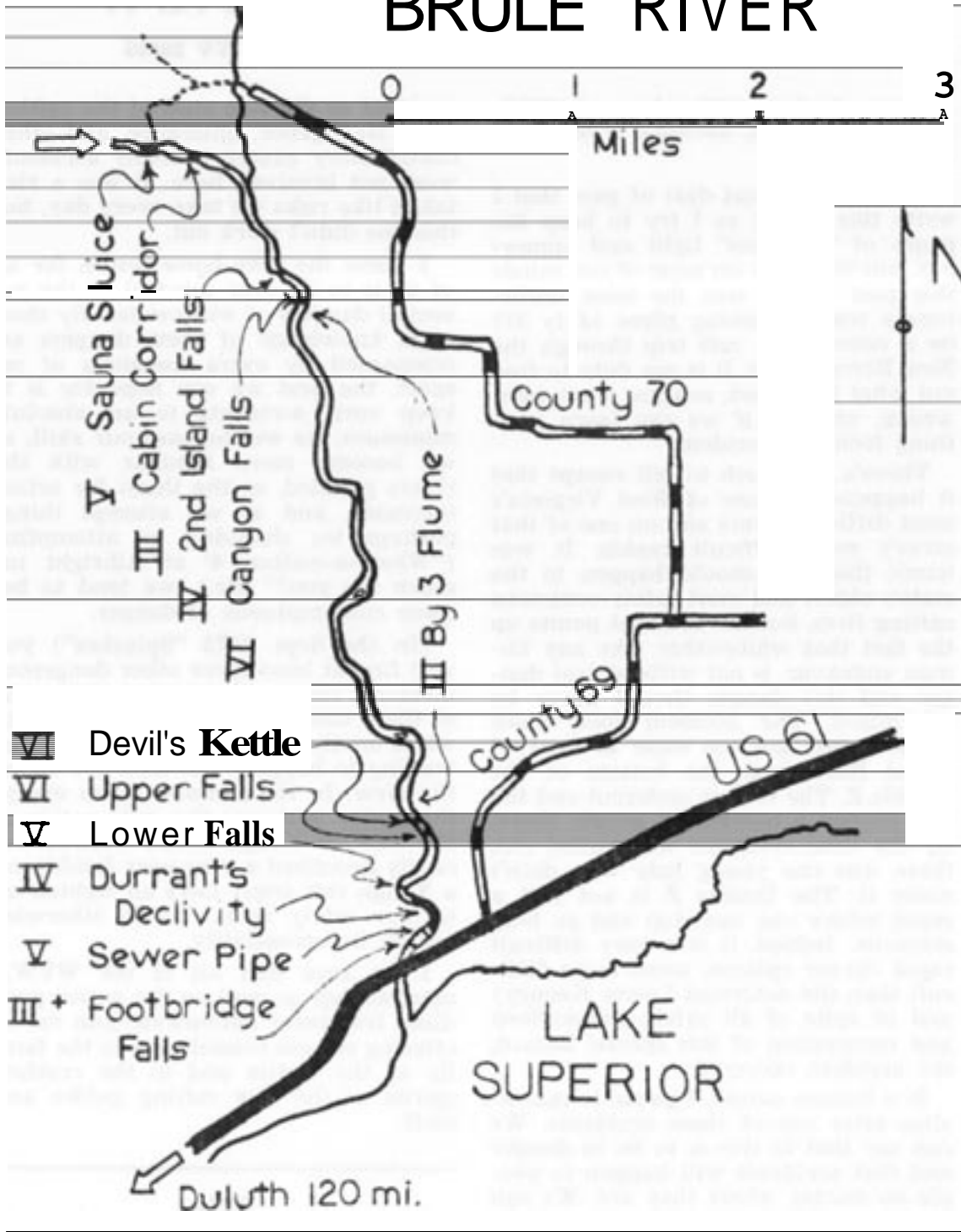
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BRULE RIVER



In	Out	Length	Gradient	Difficulty
300-yard carry from end of County Road No. 70	Below footbridge at C. R. Magney park	6 miles	110 ft/mi	III-IV-V ₆

TRAGEDY ON THE NEW

by Bob **Burrell**, 1412 Western Ave., Morgantown, WV 26505

(From the Sept. 1973 edition of WILD-WATER SPLASHES, newsletter of the W.Va. Wildwater Assn.)

It is with a great deal of pain that I write this report as I try to keep the pages of "Splashes" light and humorous, but the news on most of our minds this past month was the most unfortunate tragedy taking place (July 31) on a commercial raft trip through the New River Gorge. It is our duty to find out what happened, analyze what went wrong, and see if we can learn anything from the accident.

There's not much to tell except that it happened on one of West Virginia's most difficult rivers and on one of that river's most difficult rapids. It was ironic that this should happen to the state's oldest and most safety-conscious rafting firm, but the accident points up the fact that whitewater, like any human endeavor, is not without real danger and this danger should never be minimized. The accident took place when a raft got too close to Loaf of Bread Rock near the bottom of the Double Z. The rock is undercut and the raft pinned a number of people there. By the time everyone was pulled out, there was one young lady who didn't make it. The Double Z is not just a rapid where one can stop and go help someone. Indeed, it is a very difficult rapid (in my opinion, much more difficult than the notorious Lower Keeney) and in spite of all safety precautions and recognition of this special hazard, the accident occurred.

It is human nature, I guess, to rationalize after one of these accidents. We can say that to live is to be in danger and that accidents will happen to people no matter where they are. We can say that as long as people paddle whitewater, accidents are inevitable. Hard boaters can say that undercut rocks are more of a hazard to rafts than to boats. We can say all of this and more, but I find them of little comfort and I doubt if they comfort the survivors of the

accident or the fine staff of the rafting firm. Negligence, ignorance, and other contributory causes to many accidents were not involved here. It was a risk taken like risks we take every day, but this one didn't work out.

I guess the take-home lesson for all of us is to be ever mindful of the potential dangers of whitewater. By thorough knowledge of these dangers accompanied by extra measures of respect, the best we can hope for is to keep such accidents to an absolute minimum. As we increase our skill, as we become more familiar with the rivers paddled, as the thirst for action increases, and as we attempt things perhaps we shouldn't be attempting ("Whats-a-matter, 4' at Albright too much for you?" etc.), we tend to become contemptuous of danger.

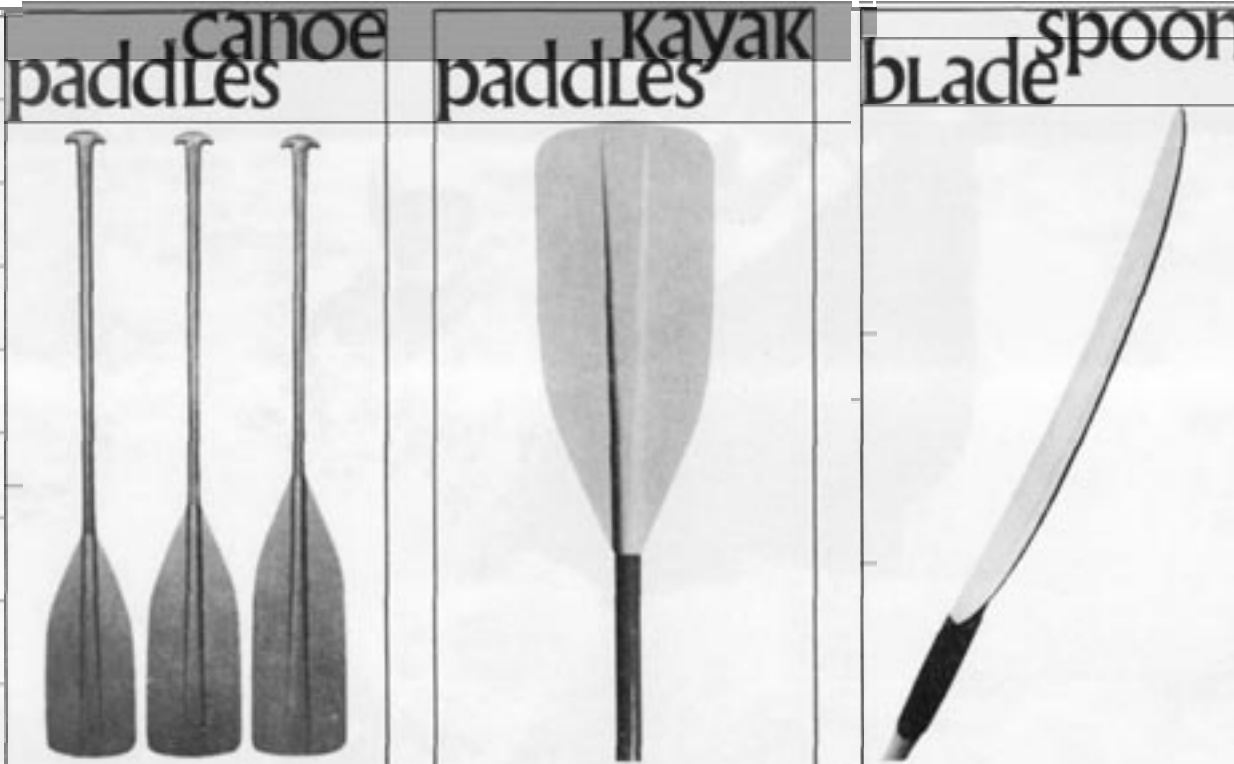
(In the Sept. 1973 "Splashes") you will find at least three other dangerous incidents on the New referred to. One of these came close to being a fatality while another had the stage all set just waiting to happen. But let's not blame the New. In the summer when everything else is down, the only action is the New or Yough (Dean Norman recently described a very near fatality on a Yough raft trip.) Let's all tighten up on our safety reins. To do otherwise breeds irresponsibility.

I am sure that all of the WWA membership as well as the entire paddling fraternity nationwide join me in offering sincere condolences to the family of the victim and to the crushed spirits of the fine rafting guides and staff.

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Spoon blade standard 539.. Custom \$40.
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Specify shaft color red, yellow or blue on custom models only.
Spoon blade paddles will be shipped for right hand control unless left hand control is specified.
SHIPPING: East of the Mississippi \$3.00—West \$4.00

CANOE PADDLES

BLADES: 8 3/4" x 22", 9" x 25", 9 1/2" x 28"
LENGTH: 51", 54", 57", 60", 63", 66", 69", 72"
WEIGHT: 1.8 lbs. to 2.7 lbs. Shaft strength matched to length and blade size.
SHAFT: Oval shaft, nylon/epoxy covering; standard color red.
PRICE: \$30.
ORDERING: Specify length and blade size 22", 25" and 28".
SHIPPING: East of the Mississippi 52.00—West \$3.00
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GUARANTEE: A paddle failure due to faulty materials or workmanship will be replaced or repaired at no charge. Paddles damaged through accident or the rigors of the sport can often be repaired economically.

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NATIONAL WHITEWATER OPEN CANOE CHAMPIONSHIPS Lower Dead River, Maine — August 18-19, 1973

New records in every class highlighted the 1973 National Whitewater Open Canoe Championships. The fastest time of the day for the 22-mile downriver run was 2 hours 51 minutes, posted by Frank Brazelton and Bill Sievert of Wisconsin in the 18-foot class. A Georgia paddler, Claude Grizzard posted a 3:13 for a C-1 win. Both Brazelton/Sievert and Grizzard repeated their 1972 titles. In the 20-foot class Robert Waddle and son, Mike won in 2:57 and in the 16-foot class, George Walsh and Brian Locke posted a 3:01. These Maine paddlers all bettered the 1972 river record. The C-2 mixed class was won by Fern and Bill Stearns, Maine, in 3:07 for their third national title.

One hundred and five boats raced the 6-mile flatwater, half-mile portage and 16-mile whitewater course on the Lower

Dead River in Maine, 14 bettering the course records in their class to climax the August 18-19, 1973, Maine Whitewater Weekend.

New 1973 Open Slalom Championships in Saturday's Poplar Hill Falls course were earned by Bob Osthues, Mass. (370.5) in C-1, Dan and Harry Baxter, Maine (364.7) in C-2 and Kathy and Sandy Eneguess, N.H. (383.8) in C-2 mixed.

Projected for 1974 by the A.C.A. Open Whitewater standing Committee meeting ~~are minor open canoe specification changes for clarification.~~ The 1974 National Race will be held on the Nantahala River in North Carolina, August 10-11, 1974, sponsored by ~~the~~ Georgia Canoe Association, PO Box 7023, Station C, Atlanta, Georgia 30309.

RACE RESULTS

U. S. NATIONAL WILDWATER KAYAK RACE — Chattooga River, July 29, 1973

Five Miles Class 4 Difficulty

K-1 Class		K-1 Junior		K-1W	
1. T. McEwan	41:59	1. S. Kohler	44:28	1. C. Fisher	43:17
2. K. Cooper	44:11	2. H. Hilliard	47:18	2. C. Ashton	47:33
3. J. Holland	44:16	3. P. McNally	47:39	3. J. Wilson	54:59

NATIONAL WHITEWATER OPEN CANOE CHAMPIONSHIPS — Lower Dead River, ME, Aug. 18-19, 1973

DOWNRIVER:		C-1		C-2 Long		C-2 Short		C-2 Medium		C-2 Mixed	
1. C. Grizzard, Atlanta, GA	3:13:53	1. R. Waddle, Brunswick, ME	2:57:17	1. G. Walsh, Jay, ME	3:01:35	1. F. Stearns, Stillwater, ME	3:07:08	1. W. Sievert, Menomones Falls, WI	2:51:31	1. K. Enequess, Errol, NH	383.8
2. J. Henry, Waitsfield, VT	3:15:42	M. Waddle, Brunswick, ME	3:02:21	B. Locke, New Sharon, ME	3:16:40	W. Stearns, Stillwater, ME	3:11:26	F. Brazelton, Oconomowoc, WI	2:56:08	S. Enequess, Errol, NH	434.7
3. D. Enequess, Errol, NH	3:18:21	R. Dodge, Winthrop, ME	3:04:04	J. Nesbitt, Wiscasset, ME	3:22:50	K. Enequess, Errol, NH	3:12:18	H. Baxter, Sugarloaf, ME	2:56:08	A. Halleran, Middletown, CT	439.9
		F. Stevenson, Wayne, ME		S. Blackburn, Brunswick, ME		S. Enequess, Errol, NH		D. Baxter, Sugarloaf, ME		J. Hastil, Middletown, CT	
		R. Owen, Orono, ME		S. Merrill, Orono, ME		E. Schluter, Waukesha, WI		P. Donovan, Bennington, VT	3:00:08	K. Henry, Waitsfield, VT	
		F. Woodard, Veizie, ME		M. Mavbury, Brewer, ME		E. Schluter, Waukesha, WI		D. Goodrich, Cheshire, MA		J. Henry, Waitsfield, VT	
SLALOM:		C-1		C-2		C-2 Mixed					
1. R. Osthues, West Boylston, MA	370.9	1. K. Enequess, Errol, NH	383.8	1. H. Baxter, Sugarloaf, ME	364.7	1. A. Halleran, Middletown, CT	434.7				
2. J. Henry, Waitsfield, VT	372.8	S. Enequess, Errol, NH	434.7	D. Baxter, Sugarloaf, ME	364.7	J. Hastil, Middletown, CT	439.9				
3. D. Enequess, Errol, NH	418.0	A. Halleran, Middletown, CT	434.7	B. Bryant, N. Conway, NH	375.1	K. Henry, Waitsfield, VT	439.9				
		J. Hastil, Middletown, CT	439.9	J. O'Regan, [redacted] ME	375.1	J. Henry, Waitsfield, VT	439.9				
		K. Henry, Waitsfield, VT	439.9	D. Dux, Franconia, NH	395.4						
		J. Henry, Waitsfield, VT	439.9	C. Walsh, Littleton, NH	395.4						



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Iron Man Josef Sedivec at the Truckee River Race, Calif. Photo by Art Vitarelli.

1973 PACIFIC DIVISION SALOM CHAMPIONSHIPS — Truckee River Race, August 18, 19, 1973

SLALOM				SLALOM			
	Time	Pen.	Score		Time	Pen.	Score
K-1 Expert				K-1 Novice			
1. D. Kelsey	155.5	10	165.5	1. R. Hewitt	187	50	237
2. T. Johnson*	153	20	173	2. K. Mason	195	70	260
3. B. Bolger*	153	20	173	3. M. Traugott	219	180	399
4. B. Stanley*	143	30	173	C-1			
K-1 Intermediate				1. J. Evans	212	90	302
1. C. Teeppner	177	30	207	2. C. Lyda	243	60	303
2. R. Lake	200	30	230	3. M. Chamberlin	220	90	310
3. N. Smith	182	50	232	C-2			
K-1W				1. J. Sedivec/C. Lyda	180.5	20	200.5
1. C. Clark	158.5	10	168.5	2. T. Johnson/J. Evans	197	30	227
2. B. Campbell	229	90	319	3. R. Carsey/B. Parks	239	100	339
3. M. Clarke	213	190	403				

*Places determined by second runs.

NATIONAL KAYAK SLALOM CHAMPIONSHIPS — Tariffville Gorge, August 19, 1973

K-1 (48 boats)				K-1 Jr. (21 boats)			
	Time	Pen.	Score		Time	Pen.	Score
1. E. Evans	185	0	185	1. D. Isbister	188	40	228
2. D. Benham	186	0	186	2. P. Wilson	203	30	231
3. J. Holland	179	20	199	3. N. Jose	205	70	234
4. L. Bechdel	191	10	201	4. M. Brandt	206	50	256
5. M. Patlovich	203	0	203	5. H. Hoefnagel	217	40	257
6. N. Cooper	188	20	208	K-1 Team (18 teams)			
7. C. Thompson	178	30	208	1. Peterson/Evans/ Campbell	224	60	284
8. D. Peterson	200	10	210	2. Alexander/Cooper/ Holland	205	90	295
9. D. Campbell	193	20	213	3. Nutt/Nutt/Mitchell	218	110	328
10. B. Nutt	184	30	214	4. McEwan/Isbister/Kohler	246	140	386
K-1W (18 boats)				5. Armstrong/Petruski/ McSherry	230	190	420
1. L. Hibbard	218	0	218	K-1W (3 teams)			
2. C. Goodwin	203	20	223	1. Losick/Fisher/Campbell	275	140	415
3. C. Fisher	225	30	255	2. D'Entremont/Alexander/ Hesselgrave	313	480	793
4. P. Mitchell	249	10	259	3. Jose/Merchant/Bouchard	331	850	1181
5. J. Campbell	225	50	275				

KEEL-HAULERS CANOE CLUB 1973 YOUGH RACES — Youghiogheny River, Sept. 8, 9, 1973

	Time	Pen.	Score
K-1W Expert (4 boats)			
1. L. Ashton	211	40	251
2. L. Harrison	236	50	286
3. C. Martin	275	160	435
K-1W Intermediate (12 boats)			
1. E. Watson	306	50	356
2. M. Hayman	270	130	400
3. B. McKee	296	260	556
C-2 Mixed Expert (5 boats)			
1. L. Ashton/R. Nichols	289	170	459
2. L. Wadsworth/J. Looker	315	180	495
3. S. Chamberlin/ S. Chamberlin	317	180	497
C-2M Intermediate (7 boats)			
1. J. Friedrich/E. Neilson	428	130	558
2. J. Artz/F. Young	372	250	622
3. L. Hitner/B. Brisotti	415	360	775
K-1 Expert (9 boats)			
1. D. Isbister	183	30	213
2. B. Alexander	165	60	225
3. D. Demaree	195	60	255

	Time	Pen.	Score
K-1 Intermediate (17 boats)			
1. B. Palmer	232	30	262
2. M. Meals	233	30	263
3. A. Schuhl	243	20	263
C-1 Expert (11 boats)			
1. J. Sweet	236	30	266
2. T. Irwin	255	30	285
3. D. Hunter	250	40	290
C-1 Intermediate (21 boats)			
1. W. Lynch	300	100	400
2. B. Alexander	255	180	435
3. D. Halsey	368	70	438
C-2 Expert			
1. J. Hefti/N. Holcombe	287	30	317
2. D. Kurtz/S. Martin	294	40	334
3. S. Chamberlain/J. Stahl	277	60	337
C-2 Intermediate			
1. F. Young/C. Steed	316	110	426
2. J. Sessler/R. Ryan	295	150	445
3. J. Bosserman/S. Lenkerd	379	90	469

EASTERN U. S. WILDWATER CHAMPIONSHIPS — Gauley River, W. Va., Sept. 22-23, 1973

6 Miles Class 3, 4

K-1 Downriver		C-1 Cruising		K-1W Cruising	
1. T. McEwan	39:07.7	1. D. Jones	44:41.8	1. D. Berglund	47:36.3
2. B. Palmer	40:45.0	2. D. Schnurrenberger	46:28.4	2. E. Watson	49:33.8
3. K. Cooper	41:39.7	3. R. Obst	46:33.8	3. M. McEwan	52:56.8
C-1 Downriver		C-2M Cruising		C-1 Cruising	
1. T. Irwin	43:37.8	1. L. Snyder/ F. Snyder	51:13.2	1. D. Benner	48:53.0
2. A. Button	43:54.8	2. J. Rawlins/ M. Gates	55:27.7	2. R. Riqq	49:13.0
3. J. Sweet	45:27.0			3. S. Parsons	49:16.9

Tony Evans at the Truckee R. Race, Calif. Photo by Art Vitarelli.





Paddlers at the 2nd Annual Southeastern Intercollegiate Canoe Race.

FROSTBITE SLALOM — White R., VT, Sept. 30, 1973

	Time	Pen.	Score		Time	Pen.	Score
K-1 Novice (16 boats)				OC-2 (2 boats)			
1. O. Harbury	131	0	131	1. Crowley/Steele	203	50	253
2. C. Anderson	124	10	134	2. Bell/Holmes	229	80	309
3. D. Oxenhandler	136	0	136	C-2 Novice (2 boats)			
K-1W Beginner (14 boats)				1. Day/Frisch	150	10	160
1. N. Herriott	157	10	167	2. White/Kelley	139	130	269
2. B. Johnson	162	30	192	K-1W Novice (4 boats)			
3. D. Merchant	168	30	198	1. C. Starrs	159	20	179
C-2 Beginner (8 boats)				2. J. Wolcott	171	20	191
1. Ruhle/Hall	165	40	205	3. P. Whitney	171	60	231
2. Bozo/Bean	175	30	205	K-1 Beginner (27 boats)			
3. Ingram/Jones	200	20	220	1. B. Lanigan	135	10	145
C-2M Beginner (8 boats)				2. B. Doble	128	30	158
1. McGregor/Morse	165	50	205	3. D. Denise	132	30	162
2. Klein/McClellan	185	30	213	C-1 (9 boats)			
3. Wolcott/Cormier	186	50	236	1. B. Morse	167	30	197
				2. C. Bent	184	40	224
				3. J. Chute	186	40	226

**WESTERN PIEDMONT COMMUNITY COLLEGE SOUTHEASTERN INTERCOLLEGIATE CANOE RACE
Morganton, N. C., October 6, 1973**

TEAM TROPHIES — INTERCOLLEGIATE

	Pts.		Pts.		Pts.
1. Sewanee	220	3. WPCC	27	6. Wingate	18
2. Clemson	33	5. U. of Georgia	20	8. No. Greenville C.C.	8
3. Madison	27	6. CCC&TI	18	8. Mitchell	8

INTERCOLLEGIATE

C-1			C-2 (Mixed)	
1. Sewanee, Hugh Caldwell	24:32.0		1. Sewanee, Caldwell-Edwards	22:43.5
2. Sewanee, Paul Martin	26:17.6		2. Sewanee, Reynolds-Lynch	24:28.5
3. U. of Georgia, Bob Goeke	26:20.6		3. Sewanee, Puckett-Brannon	24:55.5
C-2				
1. Sewanee, Morgan-Boutz	22:41.9			
2. Sewanee, Martin-Langenberg	23:09.5			
3. Sewanee, Kibson-Misener	23:17.1			

OPEN COMPETITIONS

C-1		C-2 (Junior)	
1. Carolina Canoe Club, David Benner	25:12.9	1. Clemson, S. C., Howard-Douglass	24:04.9
2. Ga. Canoeing Assn., Mike Penley	27:13.8	2. High Point, N. C., Genieu-Riddle	50:51.5
3. Ga. Canoeing Assn., G. Sandrock	28:32.6		
C-2 (Mixed)		TROPHIES—OPEN COMPETITION	
1. Carolina Canoe Club, Benner-Bennett	22:31.9	1. Carolina Canoe Club	42
2. Rutherfordton, N. C., Coffield-Ball	24:14.5	2. Georgia Canoeing Assn	19
3. Albemarle, N. C., Huntley-Mann	24:30.3	3. Troop 202, Valdese	4

1974 EASTERN DIV. WHITEWATER RACING SCHEDULE

ERIC EVANS, ACA Eastern Slalom Chairman, Hampshire College, Amherst, MA 01002

Date: Race: Contact

February—

16; MIT Pool Slalom (SL); Jim Anglin, 843 Mass. Ave., Cambridge, MA 02139

March—

16-17; Meramec R. Canoe Club Practice Slalom 6 WW Race, Fredericktown, MO (SL, WW); Michele McNalley, 2100 Kayner Rd., Kirkwood, MO 63122.

17; Sixth Annual Vermilion R. Canoe Race; Gerald Moore, 4299 W. 222nd St., Fairview Park, OH 44126.

April—

6, 7; Farmington Slalom (SL), New Boston, MA; George Thomas, 24 Barnard Dr., Oakland, NJ 07436

6; Westfield R. Race (WW, NOV), Westfield, MA; Merritt Andrews, Chamber of Commerce, Box 481, Westfield, MA 01085

7; Westfield R. Race (WW, EXP); Same as above.

13, 14; Tariffville Slalom (SL), Tariffville, CT; Guy Newhall, 99 Dudley Rd., Cochituate, MA 01778

14; Quabog Slalom (SL, NOV), Quabog R., MA; Canoeing Chmn., Brown Outing Club, Box 3 SAO Brown University, Providence, RI 02912

20, 21; Sugarloaf Canoe-Ski Weekend (SL), Kingfield, ME; Harry Baxter, Sugarloaf Ski Area, Kingfield, ME 04947

20, 21; Mascoma Invitational (SL, WW), Lebanon, NH; Jay Evans, 201 McNutt Hall, Hanover NH 03755

27-28; Kenduskeag Canoe Race (SL, WW); Dale Theriault, City Hall, Bangor, ME 04401

27, 28; Johnson State College (SL, WW), Johnson, VT; Guy Newhall, 99 Dudley Rd., Cochituate, MA

27-28; Eighth Annual Virginia Championship Canoe Races (incl. First National Championship Grumman Flatwater Slalom), Shenandoah R. (WW, DR, SL); Joe E. Swiger, Box 1291, Front Royal, VA 22630.

May—

4, 5; Hudson R. Derby (SL, WW), North Creek, NY; Stirling Goodspeed, North Creek NY 12853

4; New England Slalom Championships, Waterville Valley, Campton, NH; Ed Lougee, Waterville Valley Ski Area, Waterville Valley, NH 03223

5; New England Wildwater Championships, Swift R., NH; Doug Armstrong, North Conway, NH 03860

11-12; West R. Races (SL, WW), Jamaica, VT;

18, 19; Housatonic Whitewater Weekend (SL, WW), Salisbury, CT; Peter Wood, Box 391, Lakeville, CT 06039

18, 19; Saco R. Races (SL, WW), Saco R., NH; Kim Perkins, North Conway, NH 03860

25-27; Upper Dead R. Races (SL, WW); Harry Baxter, Sugarloaf Ski Area, Kingfield, ME 04947

June—

1, 2; Esopus Race, (SL), Phoenicia, NY; Ed Alexander, 6 Winslow Ave., East Brunswick, NJ 08816

8, 9; Slalom Training Clinic (SL, WW), Tariffville, CT; Jay Evans, 201 McNutt Hall, Hanover, NH 03755

July—

6, 7; Johnson State College (SL), Johnson, VT; Guy Newhall, 99 Dudley Rd., Cochituate, MA 01778

7; Tall Timber Canoe Race (WW), Flagstaff Lake, ME; Harry Baxter, Sugarloaf Ski Area, Kingfield, ME 04947

13, 14 Androscoggin Races (SL, WW), Errol, NH; Kathy Eneguess, Peterborough, NH 03458

21; Fifth Annual Fox R. Marina Canoe Races (DR), Wolf 6 Fox Rivers & Lake Winnebago; Fox R. Marina, Inc., Box 1067, 501 S. Main St., Oshkosh, WI 54901. Tel. (414) 235-2340.

August—

3, 4; Slalom Training Clinic (SL, WW), Tariffville, CT; Jay Evans, 201 McNutt Hall, Hanover, NH 03755

10-11; National Whitewater Open Canoe Championships (SL, WW), Nantahala R., NC; Georgia Canoeing Assn., P. O. Box 7023, Station C, Atlanta, GA 30309.

17, 18; Eastern Whitewater Championships, Dead R., ME; Harry Baxter, Sugarloaf Ski Area, Kingfield, ME 04947

September—

7, 8; Androscoggin Whitewater Weekend (SL, WW), Errol, NH; Paul Petruski, Turners Falls Rd., Montague, MA 01351

28, 29; Frostbite Beginners Slalom (SL), W. Hartford, VT; Jay Evans, 201 McNutt Hall, Hanover, NH 03755

October—

5; Southeastern Intercollegiate Canoe Race (WW), Morganton, NC; George Sinclair, Western Piedmont Comm. College, Morganton, NC 28655

This is only a partial listing since many more races will be scheduled between now and racing season. For the complete racing picture, be sure to get the 1974 **Whitewater Racing Program** (available at most races and also from F. M. Young, P. O. Box 246, Roscoe, IL 61073. See ad p. 153). And now you can keep up-to-date with the racing scene by subscribing to the ACA Nat'l Slalom Comm. Newsletter, which appears once a month. Send \$2 to Eric Evans, Hampshire College, Amherst, MA 01002.

SHOULDER DISLOCATION

by Walt Blackadar, M.D., Box 1110, Salmon, ID 83467

Whitewater boating is one of the most violent but also one of the safest of sports. Seldom does one hear of an injury or drowning amongst the dedicated advocates. We learn the rules early and seldom disregard our safety code except for good reason.

Anterior dislocation of the shoulder however poses a never-ending threat to the skillful boater and perhaps becomes more of a possibility as one's prowess develops for it occurs only on a high brace, which novices seldom use. Actually the mechanism of dislocation is not the pulling on a raised arm but needs a downward force of the body at the same time. This frequently occurs when the highly braced paddle strikes a rock while the paddler is tipping in.

On inspection the tip of the shoulder is sunken, and the bulge of the humeral head is easily identified in front and inside its usual position. The elbow is away from the body, held there by one's other hand, for to move it causes pain in the shoulder.

I have heard frequent stories from experienced boaters describing the difficulty of getting out of one's boat and swimming ashore with a dislocated shoulder, but since I have had no experience in this department, I will not dwell further on it but the thought is sometimes sobering. Once ashore I am convinced that the first person to reach and quickly examine this boater is the one best qualified to reduce the dislocation. During the first ten minutes or so there is little swelling, and the muscles are relaxed. After an hour or two it is totally impossible to reduce the dislocation without general anesthesia.

To replace the arm into its socket, you should remove your shoe on the same side as the dislocation and with the patient lying down, place your foot in the armpit and pull gently in the direction the upper arm is being held as most comfortable to the patient. Usually you pull first from the elbow which is at right angles and as your pull increases, it is possible to straighten

the elbow and pull entirely from the wrist, grasping it with both hands and at the same time pushing with your foot in the armpit. The effort will soon be rewarded with a loud pop, and you will feel the arm jump or snap back into its socket. Few sensations, with the exception of sex, will be rewarded with as much satisfaction to both parties.

I am sure that one time in ten the shoulder will look dislocated and something else will be wrong, possibly even a fracture. I have never, however, seen any harm come by steady firm traction as described even if a fracture was present, and frequently the position will have been helped. Assuming the arm flips into its socket, you must place some guard on the arm to prevent its being raised away from the body. I frequently pin the elbow to the side of

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CANOE & KAYAK

FLOTATION

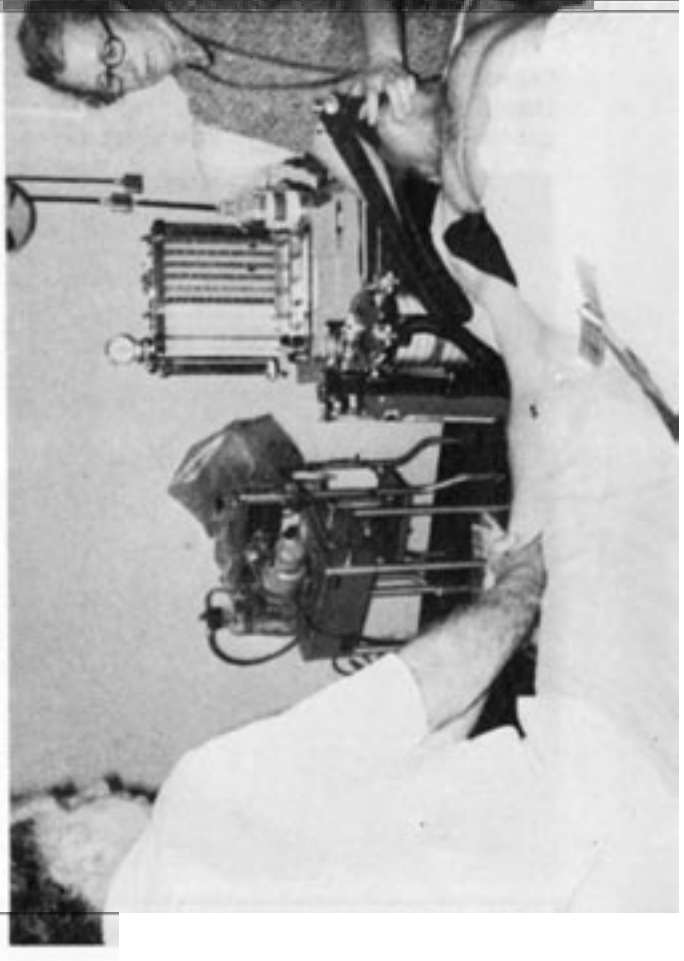
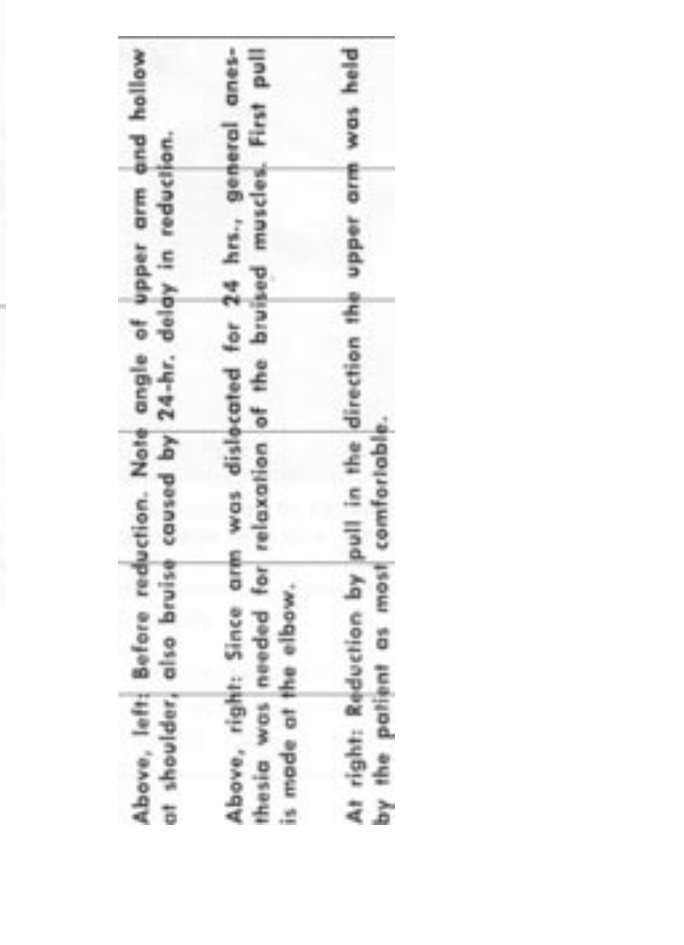
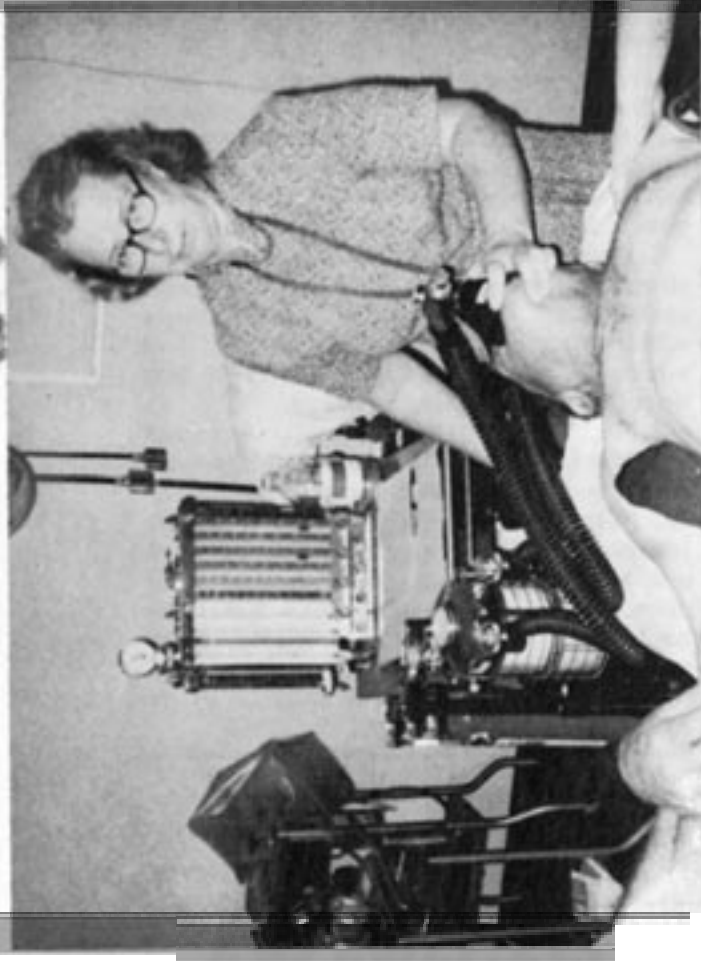
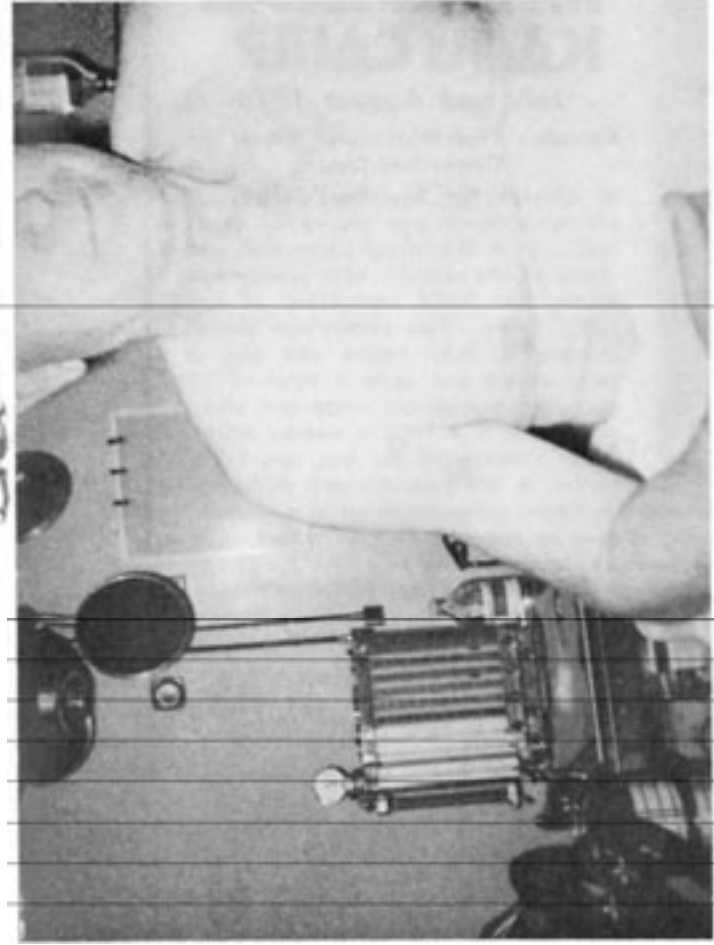
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At right: Reduction by pull in the direction the upper arm was held by the patient as most comfortable.

the shirt or place a wrapper around the arm which is pinned in several places to the elbow and the shirt. How-



ever, as long as the upper arm is held at the side, he can if necessary float or paddle out of the river using his paddle in the low position only. He should have an x-ray as soon as possible to check for associated injuries.

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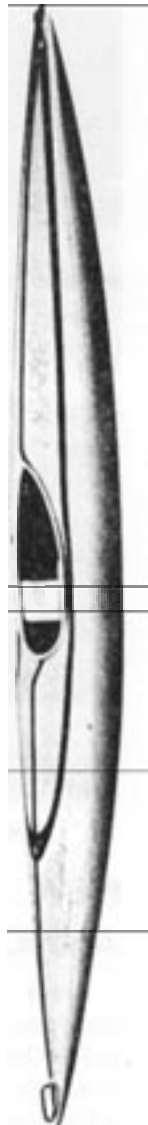
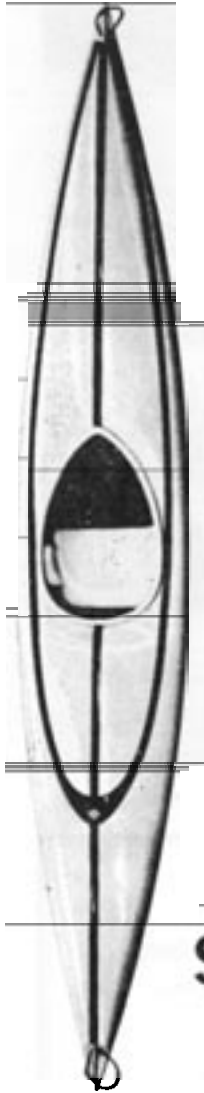
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Heart of Texas Winter Canoe Camp

by Phil Evans, 1900 Aden Rd., Fort Worth, TX 76116

The fourth annual Joint ACA-AWA-USCA Winter Canoe Camp was held on the Guadalupe River near New Braunfels in the canoe country of south-central Texas from 23 December 1972 through 31 December 1972 under the guidance of Jerry Jagers and Phil Evans. The attendance exceeded 65 persons, although they were not all there at the same time. Many were week-enders and drop-ins from various parts of Texas. The camp was open to all canoeists, regardless of membership. The weather was perfect with clear sky and temperatures in the high 70s for the first five days. It then cooled off into the high 60s. We can't promise weather this good every year, but it is not unusual.

Based at North Park campground on Canyon Lake, the group made trips on the Guadalupe, Comal, Medina and San Marcos Rivers. Several other fine rivers in the area, some of which can curl your hair, await future Winter Canoe Campers. The 22 miles of Guadalupe

River below Canyon Dam is the most popular canoeing stream in Texas with several fine rapids. Many more miles of good canoeing are possible above Canyon Lake. The flow was low (about 200 cfs) but adequate. We are hopeful that arrangements can be made with the Guadalupe-Blanco River Authority for some special releases from Canyon Dam for future Winter Canoe Camps. The two-mile long, 70 degree, spring fed, crystal clear Comal River in New Braunfels was especially enjoyable. Activities included "hot" baths, playing the rapids, roll lessons and slalom gate practice. With an average and nearly constant flow of around 340 cfs, there appears to be a definite potential for development of a very nice intermediate grade slalom course on the Comal. Expert opinion is hereby solicited. The Medina River is small, crystal clear and a pure delight with many small twisting rapids. The San Marcos is another warm spring river of slightly smaller flow than the Comal, but much longer.

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Hueco Springs Rapid on the Guadalupe. Photo by Jerry Jagers

The Winter Canoe Camp enabled many of the serious paddlers in Texas to exchange ideas and get better acquainted. It was learned that there is considerable interest in starting slalom races here. In fact, a volunteer ACA Central Division Slalom Chairman was discovered in the person of Dave McDermott of New Braunfels. After several practice sessions, the first slalom race in Texas was held in August 1973 below Lake Austin Dam on the Colorado River by the Sierra Club Austin Group River Touring Section. Other races are being planned.

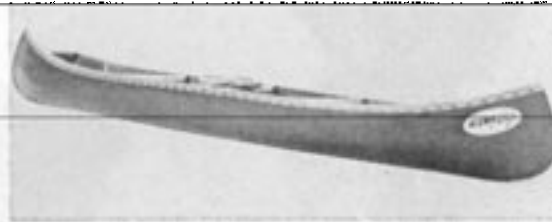
The Canoe Camp activities came to a climax with a banquet at one of the fine German restaurants in New Braunfels. All who attended the camp agreed that this area is a very fine location for this activity. It is recommended that it be scheduled for this location every other year in conjunction with a first-class slalom race. For future camps, Dave McDermott has volunteered his Whitewater Sports campground on the Guadalupe, only a stone's throw from the best rapids in the area. Holding it

over the Christmas holidays has both advantages and disadvantages. We need more input on this. Send canoe camp ideas to Phil Evans, 1900 Aden Road, Fort Worth, Texas 76116.

(The 1973 Winter Canoe Camp, planned for Big Bend, Tex., was cancelled due to the fuel shortage. — Ed.)

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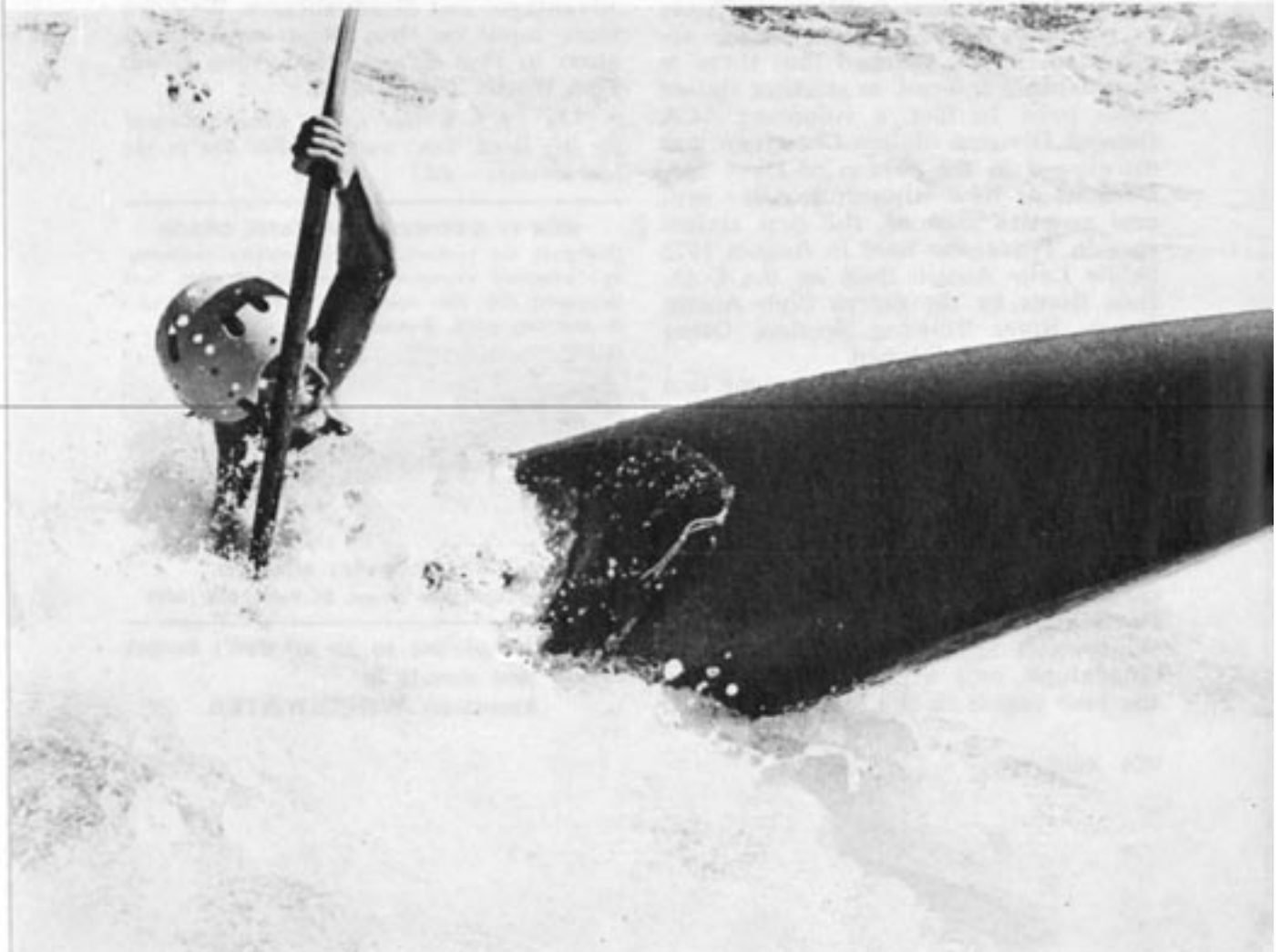
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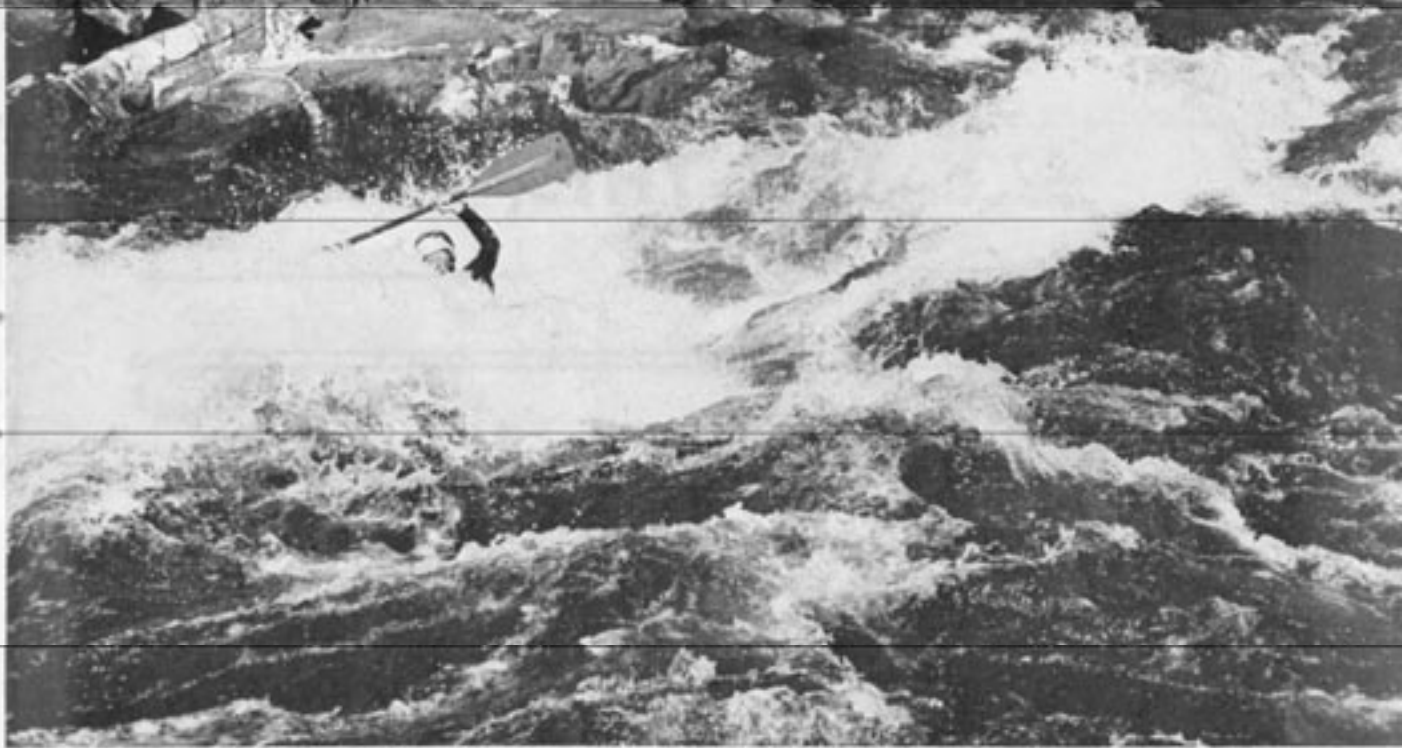
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Start small and work your way up. Eel R. above Dos Rios. Photo by Joe Bauer.

Sometimes getting out isn't easy (Stanislaus R.). Photo by Joe Bauer.





Souseholes can be fun: South Fork of American R.—Folsom Gorge (Calif.). Photo by Joe Bauer.

The Just-Right Hole

by Joe Bauer, Box 394, Inverness, CA 94937

One of the greatest pleasures of whitewater for me is looking for the just-right hole: the hole you can stay in as long as you want—and leave whenever you want.

For those of you who aren't into souseholes, I'll give you a brief run-down.

When fast-flowing water falls over an obstacle, part of it goes on downstream and some is deflected back upstream in the form of boiling, turbulent whitewater. A large reversal of this kind can stop a boat coming downstream and hold it indefinitely. This obviously could be a very dangerous situation.

On this subject I highly recommend an article in the Spring 1971 *Whitewater Journal* (Vol. XVI, No. 17), "Souse Holes—the Ins and Outs" by Jim Sindelar and Walt Harvest. They have some great ideas on how to survive in big water. Also Walt Blackadar's article (Winter 1971, Vol. XVI, No. 4) is a masterpiece on the subject.

But the holes I'm interested in just now are the smaller ones: holes that you could paddle through fairly easily coming downstream.

You have to catch these waves if you want a ride and the best way is to find

a likely hole with an eddy next to it. You can swing out of the eddy and drop sideways into the hole using a high downstream brace. If you play it just right, you can hang on the face of the wave, dancing on the foam, suspended in the rushing current for as long as you wish.

Of course, there is the danger that you will jump into something you can't get out of, so start small and gradually work your way up to larger holes. Size isn't the only factor though; shape is also important. I've seen some very small reversals that were quite difficult to paddle out of. But you won't know which are nasty and which are friendly unless you get out there and jump in.

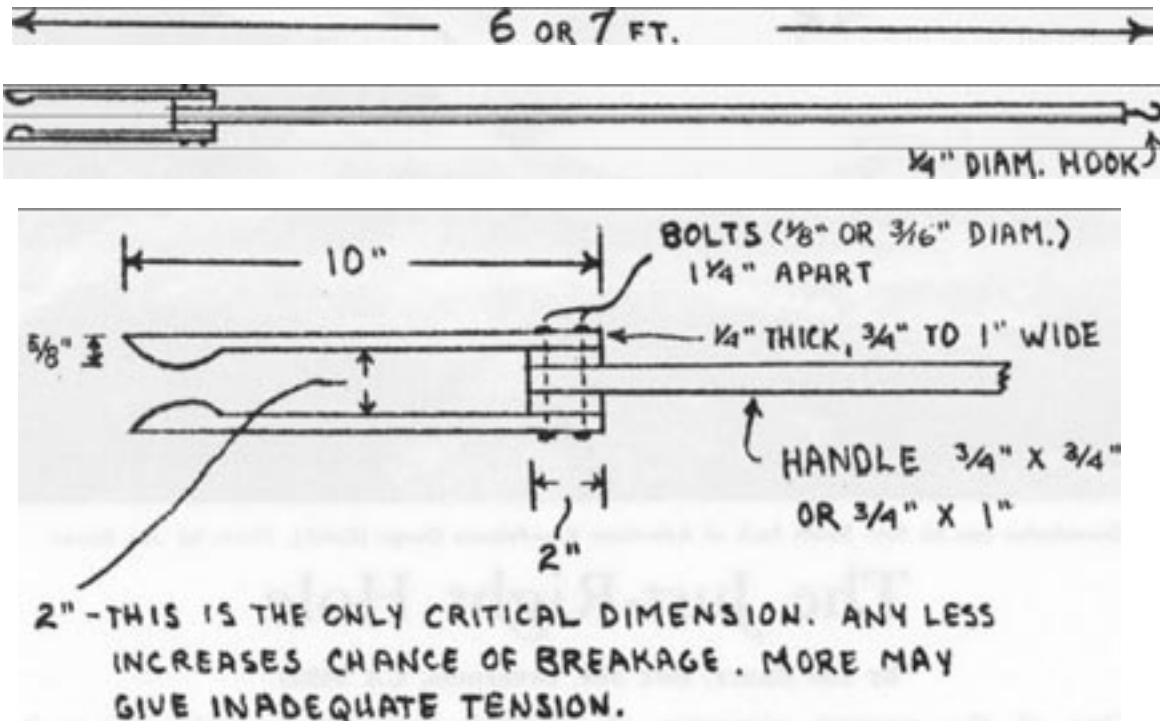
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Both ends should be painted for greater visibility in deep water. White is adequate. Luminous orange is better. I used floor varnish on handles.

Any straight-grained hardwood is suitable. I've used pecan, hickory, maple, and the easiest to handle was some discarded oak flooring

By standardizing dimensions you can make extra prongs and easily replace any that break. (Submitted by R. B. Hayes)

EQUIPMENT IDENTIFICATION — As with other enjoyable activities, canoeing attracts all sorts of people—even a few of those who would steal boats and equipment. We suggest that you stamp or engrave identification into both conspicuous and inconspicuous locations on aluminum craft. For fiberglass boats and paddles, write your name on the fiberglass (inside) with (waterproof) marking pen, then cover with a piece of glass cloth, carefully wet out with polyester or epoxy resin. Obvious identification may deter a potential thief entirely, or if not, will more easily convince the local sheriff of a stolen boat's true owner. (From the Illinois Paddling Council Newsletter, Vol. 5, No. 5)

Readers' contributions are solicited for this column. Send to Try This Editor, Michael W. Mutek, 446 E. 3rd South, Apt. B-2, Salt Lake City, UT 84111.

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AMERICAN WHITEWATER

Reflections on the Olympics

by Jay Evans, U. S. Olympic coach, Munich, 1972

For the moment at least it looks as if Whitewater Slalom will not be included in the summer Olympic Games to be held in Montreal in 1976. The International Olympic Committee, at a meeting held back in October 5, 1973 in Varna, Bulgaria, ignored the pleas of the International Canoe Federation and took a step toward reducing the size of the Games by removing the four events of Whitewater Slalom from the Games.

Their reasons for totally eliminating one of the most spectacular yet truly amateur events left in the Olympics has not been revealed. An explanation will probably never be forthcoming, but I expect the lack of political clout may have had a lot to do with it.

For one who has lived through the Olympic experience as coach and one who believes deeply in the Olympic ideals I might be expected to be disappointed, and I am. However, it is important to keep things in perspective.

First of all, it would be a mistake to throw in the towel **now** and turn our backs on the Olympics. I can recall only too well the political maneuvering that went on prior to 1972 in Munich. At first we heard that slalom was to be merely a "demonstration" event, then it was to be held in Augsburg, then in Munich, then back in Augsburg again, and, at one point, it wasn't going to be held at all. It really wasn't until about a year before the Games that all the issues were decided. It is entirely possible for the Varna decision of Oct. 5 to be reversed.

Secondly, it very much in the interest of Canada as the host country to include slalom since there is historical tradition for both kayak and canoe in the heart of the northern Canadian wilderness. In addition, the Province of Quebec has poured a considerable amount of money into a new whitewater slalom area at Jonquiere. This site has superb, dam-controlled water and could be made into an ideal Olympic Slalom location. Therefore we should not despair yet.

Nevertheless, if the fates work against our sport and we are indeed eventually shut out of the 1976 Olympics I will feel badly that a new generation of young boaters will not have the tremendous once-in-a-lifetime experience of being part of the Olympic movement. This will be truly a shame, doubly so because of the irony of the fact that many of the sports that were left **in** the Games are neither as truly amateur as is whitewater sport nor are they as individualized (as opposed to team sport), nor even are they witnessing the growth rate that we are.

Yet, there must be a silver lining to every dark cloud, and perhaps, if slalom is shoved aside from the Olympics, it may, in the long run, help to make our sport stronger. It means that we'll be forced to do things ourselves rather than relying on a handout. I recall to my dismay in 1971 when, after securing a \$10,000 grant from the U. S. Olympic Committee, our own fund raising efforts waned. Without this kind of sugar daddy influence quite possibly our own fund raising arm, the U.S.I.S.C.A. will be strengthened as we renew efforts to help young boaters come along.

In summary, all we can do now is to keep our fingers crossed to see what the future unveils, but in the meantime we should forge ahead in whitewater sport on our own.

WHITewater COACHING MANUAL

by Jay Evans, U.S. Olympic Coach

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QUETICO WILDERNESS

By Betty Bridgeman

I let the paddle drip and raised my eyes,
and wondered how these rivers find their way,
spilled down the border hillside where they rise
and ending up next year in Hudson Bay.
Broken on rock, worn out by steep cascades,
they rest in lakes that have a softer bed
but every drop that trails along our blades
is draining northward from the watershed.

An ocean on the march! A vast migration
thundering along a beaten path
and pouring its stupendous inundation—
"Wake up!" Someone was giving way to wrath,
and turning round to comment: "Better learn
you can't philosophize and paddle stern."

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LETTER OF INTRODUCTION

By Betty Bridgeman

To whichever rivers it may concern:
I send you my son of seventeen.
To wade your waterfalls and learn
to find portage, to paddle stern
where you run cold and clean.

Float him north to the north I know:
backwater lilies, tamarack,
haven where mother mallards go
with twenty young ones in a row,
counting, keeping track.

Scrape all night on island shore
where he flattens lavender aster petals.

Fill up his canvas pail and pour
part of the water he must explore
into his sooty kettles.

Take him, rivers, run white and fast
out of your forest, out of my past.

(Unfortunately, we have no information about Betty Bridgeman other than that she was a Minnesota poet who wrote these poems in the '50s, and that they appeared in the Christian Science Monitor. — Ed.)

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GUIDEBOOKS

WHITEWATER; QUIETWATER, A Guide to the Rivers of Wisconsin, Upper Michigan and NE Minnesota, by Bob and Jody Palzer. Prepared in cooperation with the University of Wisconsin Hoofers Outing Club of the Wisconsin Union. Rural Life Press, Lake Mills, Wis. 158 pp. \$5.95. Available from Wisconsin Hoofers Outing Club, c/o Outing Director, Wisconsin Union, Madison, WI 53706.

A superfine guidebook! It is based in part on Andres Peekna's excellent "Guide to Whitewater in the Wisconsin Area" and the "Water Safety Code" edited by Dr. Palzer (both published by the Wis. Hoofers). One of the best features is the 32-page introduction (this is a big book, 8½" x 11", and there is a lot of information on each page). It includes a good, thorough treatment of the following subjects: Wild Rivers Action, Equipment, Technique, Hazards and Safety, and "Getting With It" — Clubs and Organizations, Navigability, Highway Transportation of Boats, Competition, and Boat Building. Not just a superficial glance at all these things, but detailed discussions including excellent diagrams (all done by Jody Palzer).

The river descriptions are likewise detailed and accurate to the best of our knowledge. Basic information in each description includes: name of topo map for that area; location of public lands; start and end of each section; difficulty during (a) high water and (b) usual summer flow; length; time; width; gradient; drainage area; water conditions; scenery, geology, fish; campgrounds; and points of interest, which includes descriptions of specific rapids. The maps are big and readable (except Sect. 4 of the Wolf R., where the blue color denoting the river was accidentally omitted, in our copy at least).

An interesting feature is Dr. Palzer's method of computing/predicting seasonal variations in canoeability. We won't try to explain it here; you'll

find it in Chapter 5 under "Practical Hydrology."

In addition to all this, the guidebook has lots of great photos (including a girl in a full-length leg cast, in full paddling regalia, heading down to her canoe on crutches!); the "International Scale of River Difficulty" chart from American Whitwater, Winter, 1957; another tongue-in-cheek glossary (seems to be unavoidable for some reason); a bibliography; and a list of equipment sources.

This book is definitely destined to become a classic. Well worth your six bucks whether you want to paddle Wisconsin waters or not (and you'll probably want to after reading it). (Dealer inquiries should be directed to: Rural Life Pbl. Co., Box 178, Lake Mills, WI 53551.)

Canoe Trails of North-Central Wisconsin, 66 pp., \$4.00; and Canoe Trails of Northeastern Wisconsin, 74 pp., \$4.75; both by the Editors of Wisconsin Trails Magazine. Available from: Wisconsin Trails Magazine, 6120 University Ave., Madison, WI 53705.

These books are written for open canoes—though we found two photos of a covered C-2, decked boats are not mentioned in the books themselves. There is much good commentary on points of interest, and Soil Conservation Service maps are used throughout. The hazard rating system used for rapids is as follows: (1) Low; (2) Medium; (3) High; (4) Extreme; and (5) Portage. Maps have blow-ups of some rapids sections indicating a desirable route through, which is handy if you have a photographic memory; the only river-reading advice is given as follows: "If you are undecided whether to shoot or portage a rapids, get out and look!"

As is usually the case when writers of a guidebook have to rely exclusively on others' experience for river descriptions (in this instance, "river guides, local residents and canoeing enthusiasts familiar with the streams and

their history"), the whitewater descriptions are not consistent. Some are detailed and accurate, while others are quite misleading. A glaring example is the "Roaring Rapids" section of the Peshtigo, a stretch of almost continuous whitewater with several major rapids. The **Trails** description laudably points out that this section is "for experts only" but the map and description indicate only **three** rapids in the entire section! Picture the guy who has successfully navigated a few streams and confers "expert" status upon himself. Only three rapids? No sweat — and then after three significant rapids he finds Five-Foot Falls, Horserace and more still ahead of him.

The guidebooks are probably all right for flatwater trips since a few inaccuracies would not be likely to cause much trouble, but inaccuracies of the above magnitude can lead to disaster.

We must also take exception to the **Trails** guidebooks' treatment of lifejackets. Only mention thereof: "A life preserver for each canoeist is not only state law but just plain common sense." We give the editors credit for using lifejacketed paddlers on the covers, but elsewhere in the books, paddlers in open boats, even those shown in quite heavy water, are not wearing them. In an open boat in whitewater, where a tipover inevitably means a swim unless the water is very shallow, wearing a lifejacket can be invaluable. We feel that the editors should at least

have **recommended** wearing lifejackets (rather than just carrying life preservers) when paddling whitewater. (For more on this subject, see Joe Bauer's letter to the Editor, this issue.)

For rivers in the Wisconsin area, ~~the~~ Palzers' guidebook is superior in every respect to the **Canoe Trails** volumes; it even costs less.—ILS

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RACING TIPS

This is the first article in what is to be a regular feature of American Whitewater. It is designed to aid the novice racer in the hopes of helping him or her develop better techniques. In each issue the "TIPS" column will feature a concise description of a specific skill required of a slalom or downriver racer. To those readers who have questions or situations they would like discussed please send them to me. Where possible, it is hoped to have an experienced racer respond to the issues so that the latest techniques can be presented.

Ray Gabler, AWA Racing Editor
151 Jensen Circle
W. Springfield, MA 01089

NEGOTIATING THE DOWNSTREAM GATE

by Jay Evans, U.S. Olympic Coach 1972

This is the most common gate found in whitewater slalom racing. Usually about two thirds of the gates at a world championship are of the downstream variety. The same is true for the smaller, more informal slaloms held locally in this country. Other gates that make up a slalom are called upstream gates and reverse gates. These obstacles will be discussed in a later column.

The proper execution of any gate involves three distinct parts: the approach, the negotiation itself, and the exit.

In most cases the approach should be angled in such a way as to line up your boat correctly for the next gate without loss of speed or time. If gate 2 is to the boater's right across the river then, under normal circumstances, you should swing into position for gate 1 so that your boat is heading toward the next gate as you begin the negotiation of gate 1. An exception to this is when, because of the nature of the rapids, it becomes necessary to double around an obstacle in the rapids before starting an approach to the next gate.

The negotiation itself should be crisp and businesslike without wasting time in the gate itself. Continue paddling right through the gate without interrupting your stroke rate whenever pos-

sible, and **by all means** avoid hitting a pole carelessly with your paddle. However, during the negotiation one compartment of your mind must be considering the stroke you will take immediately upon leaving the gate, and get ready to execute it.

In leaving a downstream gate you must react immediately to begin the proper approach to the next gate. However, don't be so anxious to angle toward the next gate that you allow your stern to touch a pole before you are entirely clear. Also, never look back at the gates as you exit from it—there is nothing more you can do at that point, and it breaks your concentration on the next gate coming up.

Proper negotiation of a downstream gate is a beautifully smooth racing motion to watch in a whitewater slalom whether executed by a kayak, or a single or two-man canoe.

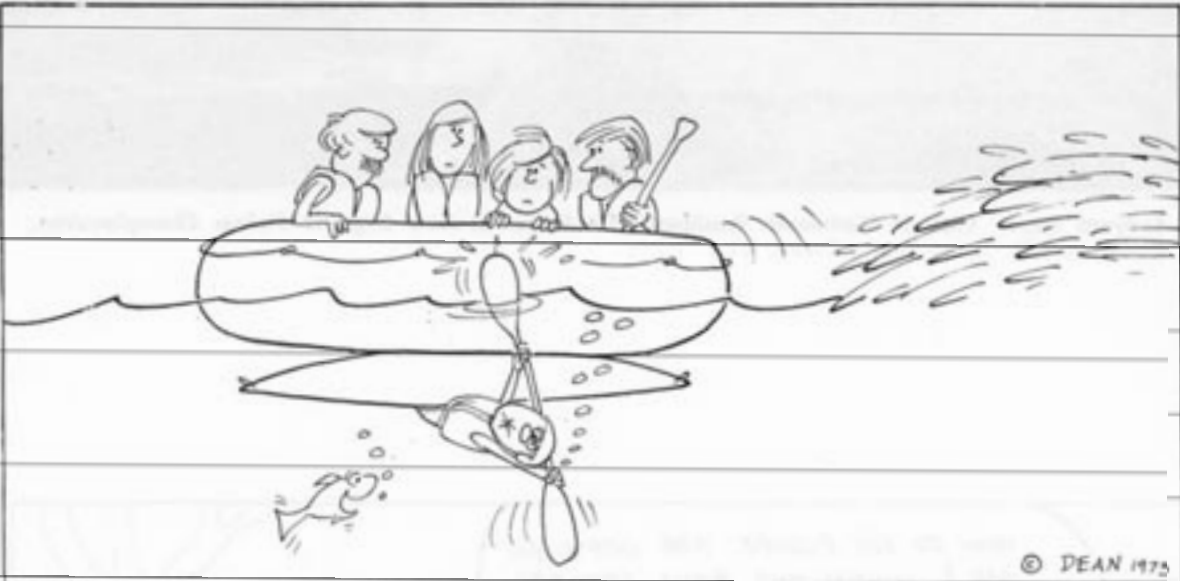
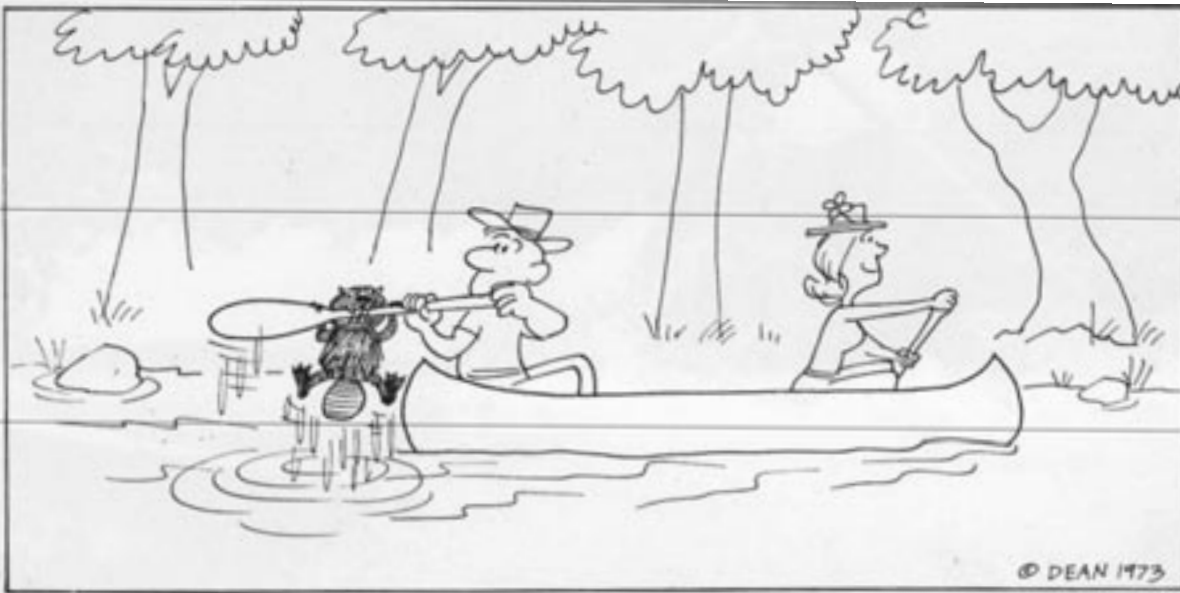
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Ledyard Canoe Club of Dartmouth President Fritz Meyer at New England Slalom Championships, Campton, NH. Stowe Photo, Stowe, VT.





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EDITOR'S SOAP BOX

SAME OLD MAG BUT MORE OF IT

During the past three years we have received numerous requests to consider going to a bimonthly format. We were previously unable to make such a change due to certain problems of logistics (i.e., the fact that editor and printer were located some **3000** miles apart and also that the editor's schedule was complicated by her two little boys). Now that #2 son has reached the almost-civilized age of three, we have decided to change to a local printer, and the Board of Directors has voted to begin bimonthly publication.

Therefore, beginning in Feb. 1974, subscribers will receive the same Journal they are used to, but **regularly** every other month (U.S. Post Office willing). An added bonus will be that we will become a much more timely magazine because of shorter preparation time and shorter intervals between issues. This will be especially important in the realms of safety and conservation legislation, and racing.

Bad News, Good News

Obviously this change would be impossible on the same budget that barely supported four issues a year, so here's the bad news: dues are going up to \$5/yr. (\$10/yr. for Affiliates). Now for the good news: the **per-issue** cost for members will actually be slightly less than it used to be, so you come out ahead anyway.

Our first issue of 1974 will go to the printer the beginning of Jan. and will be ready to mail out the first part of Feb. Therefore, **DON'T DELAY** sending in your renewal; do

it now, while you're thinking of it, so that you will be among those receiving the Jan./Feb. 1974 issue of **American White-water** on time. (We'll cross our fingers that the Post Office doesn't run out of gas!) Among other things, it costs us more to process renewals after the first mailing has gone out. So **SEND THOSE RENEWALS IN** and don't forget to pass along a "Count-Me-In" coupon to an uninitiated friend. We don't **really** want to be a Secret Paddling Organization.

Wanted:

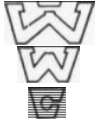
Advertising Manager

AWA's Advertising Dept. consists, alas, solely of your beleaguered editor, who probably couldn't sell honey to a bear. We need someone with skill and experience in this department. It's a fantastic opportunity for someone who is achievement-oriented since most of the advertisers we have are those who have sought **us** out; think what could happen if **we** did some seeking-out! Please don't remain anonymous if this is your talent.

A Vote of Thanks . . .

To **Howell-North Press** of Berkeley, Calif., and in particular **Tony Ivanetich**, "our man" at HN, for their endless patience in dealing with a "green" editor **3000** miles away.

Also to **Harold "Sneakin Deacon" Kiehm** (Chicago, Ill.), one of the mainstays of AWA from 'way back, who recently resigned after many years as a very effective membership chairman.



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