



The EDDY LINE

POST OFFICE BOX 7023 • ATLANTA, GA 30357

VOLUME 33 NO. 8

770-421-9729

August 1998

August GCA Meeting

Ready to build a boat? Keith Liles, Dagger technical representative and Team D member (sponsored paddler who won the '97 Ocoee Rodeo) will present a slide show on boat building on Thursday, August 20, at 7:30 p.m. at the Garden Hills Community Center.

We'll get an inside view of the Dagger factory, learning how they use computer models to help design boats, the process for building and testing a prototype, and creation of the final product. This is not an advertisement for Dagger — it's a really great opportunity to learn how today's boats are built. Unless you tour the factory, you won't get a better view of recreational boat building.

To find the Garden Hills Community Center: From Peachtree Street, go east on East Wesley Road (8/10 mile south of the intersection of Peachtree and Roswell Road). Turn left on Rumson Road. Go about 100 yards to the first intersection and you will see the Community Center on the right.

Bring a snack to share if you like, and we'll provide refreshments as well. See you there!!



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Fall Gala Canoeing Affair

This year's GCA Fall Gala Canoeing Affair (the fifteenth annual!!) is planned for September 11-13, 1998, at the Toccoa Valley Campground near Blue Ridge, Georgia. Register early — late registration fees apply after September 4!! Camping is available Friday and Saturday nights, and Saturday and Sunday we will be running trips on local rivers such as the Toccoa, Etowah, Cartecay, Chestatee, Amicalola, Nantahala, Hiwassee and Ocoee, depending on water levels. And there is a WONDERFUL catered dinner on Saturday night consisting of fried chicken, bar-B-Q, salads, peach cobbler and more.

Toccoa Valley Campground is located approximately 11 miles south of Blue Ridge, Georgia, on Aska Road. Take I-575 / Ga. 5 / US 76 into Blue Ridge. Turn right on Windy Ridge Road, which dead ends after a couple of blocks into old US 76. Go left. Then turn right on Aska Road and continue about 11 miles to the campground on the left.

Join us for this fantastic weekend of camping, paddling and partying. See the flyer in this issue of *The Eddy Line* to sign up. For further information, contact Jim Griffin at 770-498-3695.

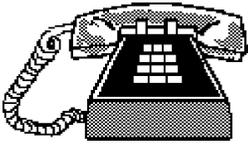
Correction

In last month's *Eddy Line*, in the caption on page 15 for the photos on page 14, the paddler in the last photo was actually Matt Taylor, not Lecky Haller. Our apologies for the error.

"Duct tape is like the Force. It has a light side, a dark side, and it holds the universe together...." - Carl Zwanzig.



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Who Ya Gonna Call?

The following list is provided for your convenience:

For general information about the club - Call the club telephone number, 770-421-9729, and leave

a message. Someone will get back to you.

To volunteer to help with club activities - Call President David Martin at 404-351-8208 or contact the committee chairperson for your area of interest.

For information on payment of dues or membership status - Call Treasurer Ed Schultz at 404-266-3734.

To sign up for a club trip - Call the trip coordinator at the number listed on the activity list.

To sign up to lead a club trip - Call Cruisemaster Jason Schnurr at 770-422-9962.

For change of address or for *Eddy Line* subscription information - Call Ed Schultz at 404-266-3734 .

If you didn't receive your *Eddy Line* - Call Ed Schultz at 404-266-3734.

For information on GCA clinics - Call the clinic coordinator listed on the clinic schedule, or call Training Director Steve Cramer at 706-208-8382.

For information on roll practice - Call Revel Freeman at 404-261-8572.

For information on placing want ads in *The Eddy Line* - Call Newsletter Editor Allen Hedden at 770-426-4318, or see "To place an ad" in the Want Ad section of *The Eddy Line*.

For information on commercial ads - Call Advertising Director Jim Kautz at 770-321-9826 or Newsletter Editor Allen Hedden at 770-426-4318.

For information on videos and books available from the GCA Library - Call GCA Librarian Tom Martin at 770-662-0058. ✂

Board of Directors Meetings

Georgia Canoeing Association Board of Directors meetings are held on the first Thursday of even months (Feb., Apr., etc.). All members are encouraged to attend. The location is the Atlanta Jewish Community Center on Peachtree Street, beginning at 7:30 P.M. Ask at the front desk for the room location, as it varies from month to month. If you have an item for discussion, please call President David Martin at 404-351-8208 so he can add your item to the agenda. Attending Board meetings is a great way to become more involved with the GCA. ✂

GCA Executive Committee

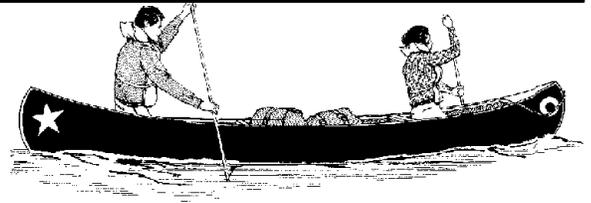
President	David Martin
Vice President	Brannen Proctor
Secretary	Jim Harvey
Treasurer	Ed Schultz
Member Services Chair	Tom Martin
Recreation Chair	Karla Bowman
Resource Development Chair	Jane Hamilton
River Protection Chair	Vacant
Training Chair	Steve Cramer

Submitting *Eddy Line* Material

Deadline for material to be submitted for publication in the next *Eddy Line* is the fifth of the month, i.e., for the January issue, material should be submitted no later than December fifth. The editor must receive all articles, trip reports and want ads by the deadline or they MAY NOT be published in the next issue. If you have access to a computer, please submit articles or trip reports on a 5-1/4 or 3-1/2 inch IBM/DOS formatted disk as an ASCII file labeled with a ".txt" file extension, or as a text file on a 3-1/2 inch high density MacIntosh formatted disk, and include a printed copy (Disks will be returned only if specifically requested). We can also accept Word Perfect version 5.0, 5.1, and 5.2, and Microsoft Word for Windows files in IBM/DOS format, as well as some other word processing program files. Contact Newsletter Editor **Allen Hedden at 770-426-4318** for specifics. TO SUBMIT ARTICLES VIA MODEM, Call **Allen at 770-426-4318** for instructions. Our modem supports most transmission speeds and protocols. TO SUBMIT ARTICLES VIA EMAIL, sent to **gacano@mindspring.com**. All want ads will be run for two months unless otherwise requested. Send all material to: **Allen Hedden, 2923 Piedmont Drive, Marietta, Ga. 30066**. Hand-written or phoned in material CANNOT be accepted. Thanks for your cooperation. ✂

The Eddy Line is a publication of the Georgia Canoeing Association, Inc. Views and opinions expressed in articles and editorials are those of the writer and do not necessarily represent the official views and policies of the club. Articles and trip reports are edited only for grammar, punctuation, spelling, vulgar or obscene language, and to fit in allocated space. No substantive changes are made in any material published herein. *Eddy Line* material published herein and not individually designated as copyrighted may be copied, reprinted, republished or otherwise disseminated to other paddling organizations with a newsletter exchange agreement. Proper credit should be given. ✂

UPCOMING ACTIVITIES



August

1 Nantahala	Class 2-3 Intermediate	Pat Hagan	770-393-1420
6 Board of Directors Meeting — Members Invited		Atlanta Jewish Community Center	
8 Leader's Choice Full Moon Trip	Class 2-3 Intermediate	John McCorvey	770-921-5116
9 Paddle With The Prez (Note 1)	Class 2-4 Intermediate-Advanced	David Martin	404-352-8208
16 Cartecay Cleanup	Class 2-3 Intermediate	Edward Stockman	770-394-3469
20 Club Meeting — Entertainment — Fun!!	Garden Hills Community Center —	Marvine Cole	770-475-3022
22 Chattooga Section 4	Class 3-4 Advanced	Roger Nott	770-536-6923
22 Nantahala	Class 2-3 Intermediate	Jason Schnurr	770-422-9962
22 Ocoee	Class 3-4 Advanced	Brannen Proctor	770-664-7384
23 Ocmulgee	Class 1 Easy Beginner	Jimmy Nipper	770-931-1667
29 Leaders Choice	Class 1-4 Beginner-Advanced	Clay Noble	770-383-9850
29 Hiwassee	Class 1-2 Trained Beginner	Mike Christison	770-973-6482
30 Ocoee	Class 3-4 Advanced	Louis Boulanger	404-373-4775

September

5 Chattooga Section 2 Children & Youth Trip	Class 1-2 Trained Beginner	Roger Nott	770-536-6923
5 Leaders Choice	Class 2-3 Intermediate	Dave Chaney	770-973-7910
6 Upper Amicalola	Class 1-2 Trained Beginner	Jason Schnurr	770-422-9962
11-13 Fall Gala Canoeing Affair —	Toccoa Valley Campground	Jim Griffin	770-498-3695
19 Chattooga Section 4	Class 3-4 Advanced	Roger Nott	770-536-6923
20 Upper Hooch	Class 2-3 Intermediate	Stacy Patterson	770-466-7538
26-27 Fall River Safety & Rescue Clinic		Bo Wise	770-806-6001

October

1 Board of Directors Meeting — Members Invited	Atlanta Jewish Community Center
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This space is for YOU to sign up to coordinate a trip. Call the Cruise Master Jason Schnurr at 770-422-9962 to sign up to show your fellow club members your favorite run. CALL NOW before the space is gone!!!

Note 1: Paddle With the Prez monthly trip will be Class 2-3 or 3-4 depending on season and availability. Call David Martin for details.

Signing Up - Call the trip coordinator listed to sign up for trips. Call early in the week to ensure you get a spot on the trip, and in consideration for the coordinators, PLEASE avoid calling late in the evening.

Training Trips are a combination of recreation and training designed to attract those boaters who have completed a formal training clinic and would like some on-the-river time with instructors practicing what you learned in the clinic and expanding your skill level.

To Volunteer To Lead Trips: Call the Cruisemaster, Jason Schnurr, at 770-422-9962. As usual, we need trip coordinators for all types of trips, from flat water to class 5 white water. Our excellent trip schedule depends on the efforts of volunteers, so get involved and sign up to coordinate a trip on your favorite river today! The GCA needs YOU! **Chattooga Trips** are limited to 12 boats on ANY section on ANY trip, club trip or private (USFS regulation). Your cooperation in protecting this National Wild and Scenic River is appreciated.

Roll Practice at Stone Mountain Lake on Wednesdays at about 7:00 PM thru September. Call Revel at 404-261-8572.

GCA Library Items Available

The GCA Library has many videotapes and books available to any GCA member. All you have to do is call GCA Librarian Tom Martin at 770-662-0058 to find out what is available. The cost is \$3.00 per tape or book for postage and handling.

Any / all donations or loans to the library are welcome. Send them to:

Tom Martin
6339 Danbury Lane
Norcross, GA 30093

The following items are currently available:

Videos:

A Second Helping - A Review of Kayak Basics
Canoes by Whitesell
Cold, Wet & Alive
Expedition Earth - Bio Bio in Chile
Faultline
First Descents (North Fork Payette)
Grace Under Pressure
Kayak Handling - The Basic Strokes

Only Nolan (Canoe Technique)
Path of the Paddle: Quietwater
Path of the Paddle: Whitewater
Plunge!
Prijon Wildplay Wildwasser Sport
River Rescue-The Video
Solo Playboating!
Southeast Whitewater
Southern Fried Creek
Take the Wild Ride
The C-1 Challenge
The Kayaker's Edge
Ultimate Canoe (Niagara Gorge & Other Rivers)
Waterwalker
Whitewater Bloopers
Whitewater Groove
Books:
A Canoeing and Kayaking Guide to the Streams of Florida, Vols I and II
A Canoeing and Kayaking Guide to the Streams of Tennessee, Vol I
A Hiking Guide to the Trails of Florida
A Paddler's Guide to the Obed/Emory Watershed
A White Water Handbook for Canoe and Kayak

Brown's Guide to the Georgia Outdoors
California Whitewater - A Guide to the Rivers
Canoeing & Kayaking
Canoe Trails of the Deep South
Idaho Whitewater
Path of the Paddle
Paddle to the Amazon - The World's Longest Canoe Trip
People Protecting Rivers: A Collection of Lessons from Successful Grassroots Activists
Mountain Get-Aways in GA, NC & TN
Northern Georgia Canoeing
River Rescue
River's End - A Collection of Bedtime Stories for Paddlers By Bill Sedivy
Song of the Paddle
Southeastern Whitewater
The Chattooga Wild and Scenic River
The Digest Book of Canoeing
Whitewater Home Companion: Southeastern Rivers
The Georgia Conservancy's Guide to the North Georgia Mountains
They Shoot Canoes, Don't They?
Waterfalls of the Blue Ridge
White Water Handbook for Canoe and Kayak

Announcements

GCA Email List

The member response to the GCA email list has been great. We have at this printing over 160 subscribers. Thanks to Mike Kaplan and our friends at Kaplan Communications (an Internet Access Provider) for providing software and server space for the GCA email list.



Here's how the list works:

By sending an email to "gacano@kapcom.com" you automatically reach all subscribers to the list with the message. Anyone can use the address — it's just another email address — and all subscribers will get the email. The list is an "open list", i.e., anyone can subscribe to it mechanically by sending an email to "majordomo@kapcom.com" and on the first line of the body of the message type:
subscribe gacano

You will receive a verification that you are subscribed and a welcome message with instructions on how to unsubscribe and various other commands available through the service. Be sure to save this information for future reference.

All GCA announcements and forwarded email from other sources concerning new river access issues, late breaking news items of interest to the paddling community, etc., will be sent out via the GCA email list at

gacano@kapcom.com. If you want to receive any of this information, please subscribe to the list using the above instructions. Also, don't be shy about using the list to send out or to request information about paddling related topics, rivers you're interested in, etc.

By the way, should you change or lose your email ID, please take a minute to "unsubscribe" your old ID and/or to "subscribe" your new one. ✂

GCA Web Page

Check it out at <http://www.mindspring.com/~gacano>. We are adding information and links of value to paddlers with each update. Send your ideas for updates to Susan Glinert Stevens: sglinert@aol.com. ✂

New Improved Electronic *Eddy Line*

We are now sending out a .pdf (portable document format) file in addition to the .txt (text only) file of the *On-Line Eddy Line*. This format allows subscribers to view formatted text, graphics, page layout — virtually the entire *Eddy Line* — just as it appears in printed form. Plus you can see it several weeks before the printed copy arrives via snail mail.

The .pdf version requires only Adobe Acrobat (or some equivalent) software in order to view it. Acrobat can

be downloaded for free from the Adobe web site at <http://www.adobe.com>. You can also print out a paper copy of the .pdf file and it looks just like the snail mail copy (except most of the photos are in living color).

To subscribe to the On-Line version of *The Eddy Line*, send a request via snail mail to (& enclose a check for \$5.00 made out to GCA):

GCA
c/o Ed Schultz, Treasurer
3060 Pharr Court North #315
Atlanta, GA 30305

Or on your annual renewal form, just check the block for the *On-Line Eddy Line* and include the extra \$5.00 with your check for your annual dues.

In either case, **BE SURE TO INCLUDE YOUR EMAIL ADDRESS** so we can send *The Eddy Line* to you electronically. ✂

Summer Roll Practice

Joint AWC / GCA Summer Roll Practice will be held at Stone Mountain Lake this year beginning in May and running through September. Sessions are scheduled for Wednesdays at 7:00 PM (or earlier). Admission is free once you enter the park (a season pass is highly recommended if you intend to attend multiple sessions).

To get there, enter the park from the Stone Mountain Freeway entrance and take the first left. Continue about a mile until the road crosses the dam and take the first right into the parking lot. The boat ramp is on the right.

Use the area around the ramp to load and unload boats only. There is a fair amount of power boat traffic putting in and taking out at the ramp. Once in the water, try to stay clear of the ramp for the same reason.

Note: Park regulations do not allow "swimming" at this location, so if you are in the water spotting for someone, an explanation to the park officials may be in order. So far no one has been cited for a violation there.

Volunteers are needed to help with kayak, canoe and C-1 rolling. Your help is appreciated! ✂

Upcoming Events of Interest

Aug 1 — NOC Citizens Mini-Camp and Race / Slalom
Sep 11 — First Gauley release
Sep 26 — Gauley Festival
Sep 26-27 — Surf Kayak Nationals — Cape Hatteras, NC — Pam Malec, 800-948-0759
Oct 3 — First Russell Fork release
Oct 9-11 — Ocoee Rodeo — Upper Ocoee — Jayne Abbot,

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Oct 30-Nov 1 — NOC Guest Appreciation Festival
Nov 20-22 — Fall Knobscorcher Mountain Bike Race
Nov 26-28 — Slalom Thanksgiving Training Camp (primarily for juniors — all athletes welcome)
Dec 5-6 — Bryson City Citizens Race / Slalom & Wild Water Race ✂

Ocoee Rodeo

This year's Ocoee Rodeo will be on the Upper Ocoee. Come see what all the white water rodeo excitement is about this October 9, 10 and 11.

Kayaks spinning in what looks like frothy deadly water. They pop out and you expect to see the boaters looking like they've been through a close encounter with death — but what's this, smiles and cheers? Yep, that's a free style rodeo boater you just saw having the time of his life. You can see how the term "rodeo" came to describe this sport as boaters ride the bucking frothy holes of rivers around the country.

White water free style rodeo competition captures the adventure and excitement of the extreme sport of

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3 Bedrooms, Queen, Full and 2 twins, also fold-up cot and 2 roll-out sleeping mats. 2 full baths - one bath is a whirlpool. Television - 40 Channels - Dishwasher, Washer, Dryer. Deck - With a grill - Nice view. Fireplace insert and a wall unit - air conditioner.

Please, No Pets Allowed

Contact: Rena Fortner 770-425-7670 after 7 PM

white water kayaking. Competitors showcase their skills by performing gymnastic maneuvers using the features of a rapid. Paddlers are scored by a panel of judges who assign points based on the difficulty, variety and style of the ride. White water rodeo is one of the most spectator friendly, exciting and dynamic events to watch... and you never know what to expect next!

Rodeos attract spectators from all walks of life. It's entertaining for the young and the young at heart. There's more to the draw than just the action on the river — there's music, colorful commentary by expert athletes and an overall festival atmosphere.

The Ocoee Rodeo is one of the oldest, largest and most popular rodeo events in the country. It draws athletes from around the world who come to challenge the waters of the Ocoee River. The Ocoee Rodeo has become so large that it has outgrown its current site, Hell's Hole on the middle Ocoee.

Organizers are currently hard at work building a hole on the Upper Ocoee race course so that the entire event can move to this much larger venue. The Upper Ocoee will provide more room for spectators, media, food vendors, parking, and an opportunity for multiple events to occur simultaneously.

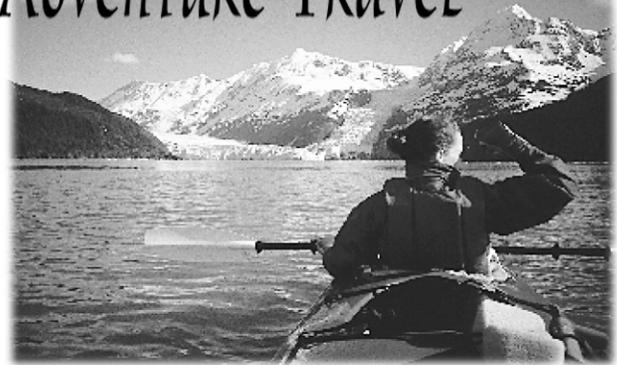
Friday starts off with the preliminary runs of all the Expert/Pro classes. Saturday begins early with preliminaries for all classes other than expert, a free style through a rapid event and squirt competition. A huge party rounds out Saturday's festivities and includes a silent auction filled with great paddling gear deals to benefit the American Whitewater Affiliation's river conservation programs.

All finals are held on Sunday, finishing up with a flurry of paddle strokes as the expert boaters perform moves like you've never seen before.

If you are interested in volunteering some time, please call Jayne Abbot, American Whitewater/NOWR Events Manager at 828-645-5299. ✂

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13077 Hwy 19 W • Bryson City, NC 28713

www.nocweb.com • adtrav@noc.com

Gauley & Russell Fork Releases

The Gauley Festival this year is September 26, Saturday night. The first Gauley weekend is ALWAYS the first weekend AFTER Labor Day. Don't forget that Gauley "weekends" are really four days long... Fri-Sat-Sun-Mon... so that means that the first Gauley release is actually Friday the 11th.

The Russell Fork has releases on a two day weekend schedule and releases on the first FOUR FULL October weekends. That means that releases start this year on October 3/4. ✂

NOC Guest Appreciation Festival

This year at the NOC Guest Appreciation Festival we are requiring for the first time to have all the participants register for space in the used equipment/flea market area. It will remain free and a donation may be made at the event to one of the non-profit fundraising efforts. We will have forms available through the NOC Programs office at 888-662-1662. Please help us spread the word. Also if you have any great ideas to add to this event I would love to hear them. I am in the process of finalizing the flyer now. We will be adding some river rescue sessions.

The GAF is Oct. 30 - Nov 1, with the big day on Oct. 31. We are having a Halloween costume contest for adults with fun prizes on that Saturday night. ✂

Fall Safety And Rescue Clinic Update

by Bo Wise

Plans for the Fall Safety and Rescue clinic (September 26 and 27) are moving along well. Just last weekend, one of the assistant instructors (the guilty shall remain nameless) interrogated Jay Srymanske at Mountaintown Outdoor Expeditions to make sure that Jay would be cooking his now famous Low Country Boil for dinner on Saturday night. Jay, fearing for his life, assured this one person Inquisition that the requested dish would be served.

Georgia Adopt-A-Stream 5th Annual Conference
"From Cold Water Streams To Black Water Swamps"
Columbus State University, October 24

Georgia Adopt-A-Stream is a citizen monitoring and stream protection program. Both individuals and entire communities learn how to evaluate and protect their local stream, river, wetland or lake. Volunteers conduct cleanups, evaluate watersheds, stabilize stream banks, and regularly monitor biological and chemical conditions in local waterways.

Learn more about local water quality issues and how you and your community can help monitor and protect your streams, rivers, wetlands and lakes.

Informative sessions!
Student position paper competition!
Awards and prizes!
Eight fabulous field trips!

Program includes:

- + Basin breakouts
- + Georgia wetlands
- + Adopt-A-Lake
- + Cultural and historical importance of water in Georgia
- + Youth Track sponsored by GW&PCA
- + Regional water quality issues
- + Community / watershed programs

Contact Georgia Adopt-A-Stream for details
404-656-0099.

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KAPLAN COMMUNICATIONS

This year we will have more instructors and assistants, better weather (we hope), and more things going on. There will be a knot tying contest Saturday night, with thousands of dollars in prizes awarded... Well, okay. Maybe not thousands. But we will be giving away some good stuff (new throw rope, copy of Bechtel and Ray's River Rescue, 3rd Edition, etc.).

Have you registered yet? What are you waiting for, a personal invitation? Okay. I personally invite you to join me and a few (quite a few, it looks like) of your paddling friends, for a fun and informative weekend in Ellijay, Ga.

Registration forms are in this *Eddy Line*. Call/email me if you need more information. I look forward to seeing you there. ✂

Ocmulgee River Trip from Juliette to Highway 18

by Jimmy Nipper

I have volunteered to lead a trip on August 23 down the Ocmulgee River from just below the old mill dam at Juliette to the next bridge across the river which is Highway 18. This could be considered a pre-trip report to inform interested people of the type of trip this will be.

This part of the Ocmulgee River is a lazy river just above the fall line. The shoals are easy and at this time of year are fairly shallow and care must be taken to pick your way through them. There will be a lot of flat water. In some cases there may be a mile to a mile and a half of flat water before coming to the next shoal. Don't expect surfing and big drops. A typical shoal drops 1 to 2 feet over a 40 foot stretch. It is a wide river (about the width of the Metro Hooch) and at noon you must paddle very close to shore to get any shade. I will try to meet at Juliette (about 1 hour south of Lilburn where I live) around 9:00. Now that everyone is shying away from the early hour and the flat water I will tell the good news about the trip.

I will be paddling my fishing boat (the good ol' Discovery 169) and have it loaded with a lawn chair, iced down sodas in the cooler, and a grill and charcoal. After running the shoals I usually get out of the canoe at the bottom and fish, swim in the water, and just generally relax. The water is not fast in the shoals and wading around in them is fun.

Whenever everyone gets hungry we will stop at the next nice sandbar and set up the grill and have a cookout. I usually don't try to get off the water at any particular time, as long as I have my car loaded at the bottom before it gets completely dark, so this could be a day long trip on the river.

I grew up along this stretch of river and my paddling started here. My brother may even come along and paddle the 25 year old SmokerCraft aluminum canoe that got it all started for me. If you want a lazy, relaxing all day float on an easy river, this is it.

Grab your fishing pole, cooler, lawn chair, grill, and whatever else you can fit in your boat and come enjoy a leisurely float on a great stretch of river. ✂

Wilderness Advanced First Aid Course

Wilderness Medical Associates and the Georgia Canoeing Association are presenting a wilderness advanced first aid course on September 11-14. The course will be held at Camp Kiwanis on the Broad River outside of Danielsville.

The course will cover treatment of injuries and illness when 911 is not available and you must care for the patient with limited resources and improvised equipment. Musculo-skeletal injuries, drowning / near drowning, and hypothermia are just a sample of the topics that are covered. There are no prerequisites for the course except to be 18 years old (16 with parental consent). CPR is highly recommended as it will not be taught.

The course will consist of 10 hour days starting at 8 AM on Friday and ending at 4 PM on Monday with 100% attendance required. Lodging will be available at Camp Kiwanis in shared bunk house cabins with hot showers. Commuting for long distances is discouraged due to home-work each night and the long days.

The cost of this course will be \$325 and will include lodging, lunch each day, and all teaching material. Class size is limited to 30. To register, complete the form in *The Eddy Line* and send a \$150 deposit to:

Lonny McBride
227 Kings Ferry Rd
Comer, GA 30629
706-783-3395

e-mail: adventurer@athens.net. ✂

Intermediate Canoe Clinic

The GCA will offer an Intermediate Canoe Clinic on October 10-11, 1998. Participants should be comfortable on the Nantahala and want to further develop their boat control skills in class 2 white water. For additional information, call Brannen Proctor at 770-664-7384. ✂

Whose cruel idea was it for the word "lisp" to have an "s" in it?

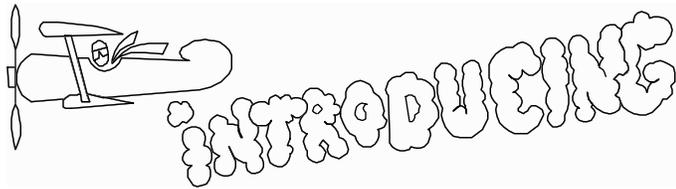
LEARN TO KAYAK OR CANOE WITH THE EXPERTS!

GROUP & PRIVATE LESSONS
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KID'S KAYAKING CLINICS & DAY CAMP
EXPERIENCED, DEDICATED INSTRUCTORS--
ALL STAFF AMERICAN CANOE ASSN.-CERTIFIED
SMALL CLASSES -- INDIVIDUAL ATTENTION
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CALL BRUCE WILLIAMS FOR A BROCHURE AND CLASS SCHEDULE



WHITE WATER
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OF GEORGIA, INC.
(404) 231-0042



Welcome New Members

The GCA would like to welcome the following new (and nearly new) members. New members are the life blood and the future of the club. Thank you for joining us!!

April

Mark & Cathy Adams	Kennesaw GA
Michael Jon Babcock	Atlanta GA
Mike Baudhuin	Peachtree City GA
Ralph T. Birdsey	Atlanta GA
Carl & Rhonda Burnham	Lawrenceville GA
Walter J. Collins	Rome GA
Jon Cook	Roswell GA
Med Cooke	Acworth GA
Bill Edwards	Columbus GA
Matthew B. Field	Duluth GA
Bill Hagemann	Marietta GA
Teresa Haywood	Lawrenceville GA
Patrick & Jan Henson	Savannah GA
Marc A. Immordino	Acworth GA
David J. Luebke	Atlanta GA
Diana M. Mancuso & Davie T. Cooley	Dothan AL
Ken & Diane Martin	Atlanta GA
Augie Marvin	Woodstock GA
Lisa & Michael McGunagle	Buford GA
Phyllis A. Melton	Decatur GA
Clark Meyer	Atlanta GA

Diane Smith & Mark Neisler	Atlanta GA
Paul & Linda Smith	Temple GA
Fred & Diane Speyrer	Atlanta GA
Joe Swaim	Roswell GA
Ellis Tallman	Atlanta GA

May

Robert Ables	Gainesville GA
Gant Adams	Atlanta GA
Janet & Steve Brabaw	Decatur GA
Brad Christian	Lithonia GA
Michael & Margaret Chu	Fayetteville GA
Randy Cowart	Statesboro GA
Allen L. Dollar	Atlanta GA
Adrian & Nic Freeman	Sugar Hill GA
Elizabeth Goldsworthy	Powder Springs GA
Jimmy Gunter & Lois Hogan	Woodstock GA
Lori Haltrich	Marietta GA
Timothy J. Howell & Kathleen McManus	Gainesville GA
Michael W. Johnson	Tucker GA
J. Carey Jones	Cassadaga FL
Bill Lewis	Roswell GA
Mike & Michael McDevitt	Atlanta GA
Greg & Elizabeth McFarling	Cumming GA
John Nell	Marietta GA
Eric & Jen Poellinger	Sugar Hill GA
Rene & Leona Sasinka	Atlanta GA
Scott Schwitters	Smyrna GA
Lamar Spence	Lawrenceville GA
Mark A. & Matt Todhunter	Morrow GA
Myron S. Wettrich	Decatur GA
Larry Willey	Woodstock GA
Sean Williams	Tucker GA
Tom Worthington	Atlanta GA
Robert & Lynn Zenoble	Marietta GA



Instruction / Training

Women's Beginner Clinic Report

by Carol Meyhoefer

The women's beginner white water clinic was about to be a wash when the lead canoe instructor was unable to participate due to personal problems. My telephone rang off the hook with students who really wanted to make it happen. I had a lot of help, but we needed a lead OC-1 instructor. I emailed a friend in San Antonio, Joanna Wolf, who volunteered to be the lead canoe instructor.

Julie "River Princess" Keller, "where's the rope?" Joanna and I arrived at Camp Kiwanis on Friday to set up and do a quick run down the Broad. Lu Gardner from

Pensacola spotted cars under our boats in town & caught us in time to run our shuttle.

The night before the class, Phyllis Melton (OC-1) and



"Good Time" Bonnie. - Photo by Julie Keller.

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"Where's the Rope?" Joanna. - Photo by Julie Keller.

to review skills essential to women paddlers. For example, how does a single woman move that big heavy boat??! We heard about one lady who ordered pizza delivery the night before and asked the pizza person to help load the boat! After this it was on to the water for almost one-on-one instruction.

The Broad River was a delightful level 1.5 ft! Bonnie Semora came with us on Sunday to help the kayaks. Since nobody but Bonnie knew the names, we decided to let the students name the rapids. Our first adventure started at



"Lovely" Leona. - Photo by Julie Keller.

Lu (OC-1) camped with us and we all shared spaghetti and white water videos at Jason's Cabin in Camp Kiwanis. If you've never experienced this place, it is heavenly — very clean, air conditioned, very peaceful.

Mary Vachon helped teach the open boaters on Saturday at the lake. It was so neat to have these great open boat instructors; there was definitely a kindred spirit among them of wanting to reach out to the women and make them successful boaters. A much welcomed cool rain the first several hours afforded them plenty of time



"Courageous" Caralee. - Photo by Julie Keller.

"Red Neck Gorge" where, while scouting, we witnessed a genuine redneck beer and cooler yard sale, along with several empty canoes. So, what's the last thing a redneck says before he dies? "Hey guys, watch this!" What does his brother say? "Ah, I can do that!"

We scouted, pointed out several routes and set up a rope. The open boaters looked great, with Lu demonstrating a perfect canoe hip snap to avoid a swim. Caralee took the sneak on river right and demonstrated good swimming form. Her socks having been sucked off her feet, we called it "Sock Sucker". But when more students decided to cool off, namely Leona, Martha and Bambi, Caralee nominated it "Stuff* Floats." After a much needed



Leona wants to join the Czech's team next Olympics.
- Photo by Julie Keller.



"Sweetest" Martha Stephens. - Photo by Julie Keller.

refreshing, we continued downstream.

Joanna led the pack down "Leona's Delight". Most anybody can paddle this roller coaster wave train forward, but Leona decided to spin around backwards at the halfway point to show us all how they do it in Czechoslovakia. Now, if only we had gates....

When we came to the biggest drop, we plagiarized "On the Rocks" from the Nolichucky. In the excitement of the big drop, some failed to look ahead, and while gazing back found themselves parked on an outcropping of rocks

ever so nicely placed.

During the lunch stop everybody had the chance to throw a rope, catch a rope, and cool off while demonstrating safe swimming form. Back at the outpost, we shared ice cold watermelon and handed out awards. All the students received something special.

Attending student were: Leona Sasinkova from Czechoslovakia, won class beauty; Luanne Gardner from Pensacola, Florida, won the most outgoing; Caralee Hagood from Woodstock, Georgia, won most courageous; Phyllis Melton from Decatur, Georgia, won most endurance; Martha Stephens from Athens, Georgia, had the greatest smile and was the best encourager; Bambi Bloom from Ball Ground, Georgia, was the best trout scout; Bonnie Semora who was our very competent aid, after we got pictures back was dubbed "Good-time Bonnie" because of her expression. Stephanie Andrews attended the first day but had to miss day 2.

Special thanks to Camp Kiwanis for allowing us to use their terrific facilities and to Broad River Outpost for letting us use their cooler and picnic area. And a big heartfelt thanks to Joanna Wolf from San Antonio, without whose help the class wouldn't have been possible.

**Name has been changed to protect the guilty.*



Sea Kayaking

What Floats Your Boat?

by Don Bailey

Sea kayaking is one of the fastest growing outdoor sports today. While staying upright and paddling the boat are easily mastered, most especially by boaters with previous experience in white water and river running, the basic skills of seamanship, which include coastal navigation, rules of the road, predicting the weather, and understanding tides and tidal currents, are often overlooked. This month, I'd like to offer some basic information about tides and tidal currents pertaining to the coasts of the Carolinas, Georgia, and Florida, where those of us who live in Georgia do most of our paddling.

Knowledge of the tides can help you predict whether or not a particular route is open to your travels at certain times, and whether you are likely to encounter exposed rocks or surf conditions when crossing the river bar. You'll be able to sleep soundly knowing that your kayak (and tent) won't be floating out to sea, and perhaps you can avoid hauling it a half-mile through mud flats to get it back into the water again in the morning. If you can paddle at a sustained speed of 3.5 or 4.0 knots, which is



average for recreational paddlers, how long will it take you to paddle five nautical miles back to the put-in against a 2.5 knot tidal current?

Tides are the daily rise and fall of the oceans that are caused by the varying gravitational pull of the sun and the moon. "Does size matter," you ask? Well, although it is much the smaller of the two, the moon exerts approximately twice as much gravitational pull on the earth than does the sun, simply because it is much closer to us. Thus, when the moon is located directly over (the sublunar point) or directly opposite (the antipodal point) a specific location on earth, it will cause the oceans to bulge outward to form a high tide. (In real time, maximum high water occurs from one to two hours after the moon's meridian passes a specific location.) In other words, a high tide will occur simultaneously on opposite sides of the globe, while there will be a corresponding low tide a quarter of the way around the globe. (Why both sides? Well, there's a good reason, but length constraints for this article demand that we put a sock in it somewhere!)

Since the earth is rotating on its axis once every twenty-four hours, it is easy to assume that any point on it will be under the moon's influence (either in the sublunar or antipodal position) once in every twelve hours, produc-

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ing a high tide. Close, but not quite. Since the moon is also revolving around the earth in a twenty-eight day cycle, we must add 1/28 of 24 hours, or around fifty minutes, and this is the amount of time the high/low tide will advance each successive day.

When the sun, moon, and earth are in conjunction, the gravitational pull is at maximum effect. This is true no matter whether the earth is between the sun and the moon, i.e. the 'full moon,' or whether the moon is between the sun and earth, i.e. the 'new moon.' When either of these conditions occur, we have an exceptionally high tide that is known as a 'spring tide.'

This term has nothing to do with the season of the year, but rather with archaic semantics which are meant to inform us that it will "spring higher." When the moon's position is at right angles to the sun-earth-moon alignment, (half-moon) we experience the exceptionally low or "neap tide" condition, and positions in between account for the varying tide heights that occur from day to day. Spring tide ranges will average around 20% higher than average, while neap tides will be about 20% lower. The highest spring tides coincide with the solstices, on June 21st and December 21st, and the Druids had that pretty well figured out, didn't they? In most places along a coast or not far from it, high tides occur within two hours of the moon's meridian passage. For spring tides, this will be near 6 a.m. or 6 p.m. (0600 & 1800 hours.)

The curvature of the earth, the earth's rotation on its axis, and the moon's rotation around the earth present an ever-moving and changing gravitational influence on any particular point on the surface, thus the time of the tide varies considerably at stations just a few miles apart. For example, on August 10, 1998 high tide at Savannah, Georgia, will occur at 0950 hours, and at Fernandina Beach, Florida, the same or corresponding high tide will occur at 1023 hours, or a difference of thirty-three minutes for locations that are only around one hundred miles apart.

The model we have discussed so far supposes a type known as a semidiurnal tide, which implies two high tides of approximately equal height each day, with a low tide between each, with around six hours, twenty-five minutes between each high and the next low. This is the type of tide we have on the Atlantic Coast of the Carolinas, Georgia, and Florida where the tide range is typically six to eight feet. It can be higher with onshore winds or storm surges.

On the Gulf Coast, we find a mixed diurnal tide with the tidal range generally no more than three feet, and most often considerably less. There is often times only one high and one low tide in a single day. In many cases, the range between high and low tide is barely perceptible, making it appear as though there are two highs and only one low in a twenty-four hour period. According to a geologist friend, this is all due to the shape of the tidal basin in the Gulf, and I won't even attempt to 'splain it better, it's just crazy. Without a tide table, it is often difficult to determine what stage you find yourself in. You probably wouldn't even care, except that even these wimpy tidal ranges cause tidal currents which must be reckoned with.

You may recall that a few years ago, a cargo ship drifted into the supports of the Sunshine Skyway Bridge near Tampa, pulling the bridge down and causing considerable loss of life. The major cause of this accident was said to be due to the harbor pilot underestimating the tidal currents, which typically shows predictions in the Tidal Current Tables of around 1.9 knots on a flood tide. On the northwest Pacific Coast, we also see another type, known as a mixed tide or modified semidiurnal tide, but let's not go there.

Tide tables will tell you only the high and low tide levels and the times for each, but there is a handy way to determine the level of rise or fall at any other specific time of the cycle. This method is known as "The Rule of Twelfths." The height difference between high and low tide conditions is known as the range of the tide. If we assume that there is a time element of six hours (actually, closer to six hours, fifteen minutes) for the tide to go from high to low (or the opposite), then we can predict that there will be a change of 1/12 of the range in the first hour, 2/12 of the range in the second hour, 3/12 of the range in the third hour, 3/12 of the range in the fourth hour, 2/12 in the fifth hour, and 1/12 during the sixth hour.

The tides not only cause the rise and fall of the water level, they also create a significant current flow while doing so. To demonstrate: if you take a dish pan or rectangular basin that is half full of water, and raise one end.... the water will flow in a surge to the other end. This

simulates the flood tide condition. When the surge gets to the far end, it will momentarily be at an even higher level than it will after the initial energy of the surge is spent. This corresponds to the "higher high water" stage. When the energy is spent, the water will remain motionless for the blink of an eye, corresponding to "flood slack water." Then, when the basin is leveled once again, the water will flow back to its original starting position. This flow can be compared to the ebb tide, and when it becomes motionless again, it is equivalent to low slack tide, or "lower low water." In the oceans, of course, this action occurs over a period of hours, rather than seconds, as it does in our dishpan demo.

In the case of tidal estuaries or long, narrow inlets, the high water of a flood tide probably will be higher farther inland than at the mouth of the river or inlet, and the tide times later, by as much as a half-hour. Tidal current in such a place can be quite strong, especially on the ebb tide. In the case of a river estuary, you must combine the freshwater current with that of the tidal current (in the case of ebb flow) or subtract one from the other for flood tide conditions. Thus, if you have 1.5 knots of river current and 2.4 knots of tidal current for a total of 3.9 knots, you will move in the direction of flow very rapidly and with little effort, or.... not be able to move at all against it. We won't even talk about the wind effects.

If you are leaving such a river or inlet to go toward the sea, your best bet normally is to do so on either the high slack tide and/or the ebb tide, when the current will be flowing in your direction. To enter such an estuary or inlet, the reverse is true.... generally, it's best to come in on the slack before the flood tide begins, or better yet on the flood tide. Be aware that the strongest part of the current is usually found in a narrowed or restricted part of the channel (venturi effect), while resistance from the river banks or lower water levels near the banks will normally mean a somewhat slower current there. Beware when paddling on the Atlantic Coast, tidal currents can be very potent in between barrier islands when the tide changes, due to the same venturi effect.

It is axiomatic that we should consult locals before venturing out on unfamiliar waters, but beware of what they tell you, as few will admit that they just plain don't know. Several months ago I asked a Park Ranger employed at Crooked River State Park about the prevailing currents at the mouth of Crooked River. She told me, in a very authoritative manner, that they were "strong, probably around ten or twelve knots." My poor old brain just about locked up at this bit of news! The Bay of Fundy, with its world-famous thirty-foot tides, produces a maximum tidal current of around 3.9 knots, and the fastest

current I can find in the Tidal Current Tables for 1998 on the East Coast of North America is 5.3 knots at Hell Gate, NY, a terrifying place to pilot a kayak, I'm told. Trust no one. The truth is out there.

And remember, "The tide raises all boats" ...except those with holes. ✕

Arctic Adventure Calls Kayaker North

by Chris George, Anniston Star Staff Writer

In the northern Quebec section of the Hudson Bay, the water is 38 degrees in the summer. Killer polar bears hunt on shore. And Anniston businessman [and GCA member] Fred Couch, Jr. is going to kayak 150 miles through it.

Wearing a small closet full of protective clothing and equipment, carrying a shotgun loaded for bear and straining every ounce of physical fitness Couch has built up over the last year preparing for the trip, he is leaving soon for a summer trip through the Arctic, hoping the jaunt will take him 10-12 days.

"If I see ice floating toward me, I'm going to guess it's not ice."

"It's going to be a lot of fun, I believe," said Couch, an avid, well trained and well equipped paddler. Yes, if your idea of fun is paddling for nearly a fortnight over water so cold a human can survive only 10 minutes in it. If Couch goes in the water, he's carrying a pump. With practice, Couch says he can pump the boat dry in 5 minutes. He's going with a small group of very physically fit people who will help him should his kayak roll. His boat, which will virtually enclose him from the waist down, will weigh a little under 500 pounds when he is in it.

Couch will be riding only a few inches above that water. To keep himself warm and dry, he'll wear a very pricey dry suit that seals nearly his entire body.

Almost as bad as the frigid water is the threat of polar bears. They can swim 100 miles, dive 40 feet down, and are good stalkers. Couch said the bears have even figured out how to cover their black noses to fool seals into thinking the hulking menaces are just another floating chunk of ice.

"If I see ice floating toward me, I'm going to guess it's not ice," Couch said. The shotgun he is taking has put a 6-inch hole in a tree. The threat of polar bears is so bad he hopes they are among the wildlife he does not witness first

hand on this trip. "We really hope not to see one," Couch said. He's made a list of about 20 animals he hopes to see, including arctic terns, beluga whales, arctic foxes, colored lemmings, caribou and arctic wolves.

Sounds slightly less relaxing than a pleasant float

down the Choccolocco. But very cool.

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ACE Athlete Profiles

Each month ACE will spotlight a local member of the US National Team and a local "up and comer" with a profile, possible interviews, and/or photos for *The Eddy Line*. Our thanks to Betsy Hamilton of ACE for her efforts in honoring these athletes and publicizing white water racing.

ACE Athlete of the Month: Matt Taylor

Men's Double Canoe (Partner: Lecky Haller) C-2
Champion, 1997 U.S. Nationals

U.S. Nationals Medalist since 1994

U.S. Team Member, 1993-1998

Second alternate boat for 1996 Olympics

Top international performing C-2 in 1997 on U.S. Team
Gold medal, 1996 Champion White Water Series

Now 28 and known as one of the best bow men in the sport, Matt Taylor is presently paired up in Men's Double Canoe (C-2) with '92 Olympian and world-renowned stern man, Lecky Haller, of the Nantahala Racing Club. Representing true excellence from two impressive pools of racing talent from both Atlanta and the Nantahala, Matt and Lecky have posted some impressive results in their first World Cup season as C-2 partners: eighth in the first two races (Liptovsky-Mikulas, Slovakia, and Tacen, Slovenia) and then 16th in Augsburg, Germany. According to Lecky, "We are hoping to break into the top five in the near future. Although we have a ton of experience with other partners it will take a little time to get all of this into one boat. But we're on the right track. In Tacen we



Race Watch

had the second fastest run in the qualifier, so we know we have the speed; we just need to harness it at the right time!"

A native of Atlanta and the son of Josh and Jeanne Taylor, Matt has been paddling since he was 13. He attended Yale University where he received a degree in Political Science and Environmental Studies. He presently works as a personal trainer and teaches Geography at Georgia State University. Matt's typical training schedule includes approximately 10 in-the-boat workouts per week, in addition to weight training and running. His goal for white water slalom is to "honor my competitors by beating their socks off, but to never compromise sportsmanship or friendship." Matt and Lecky will compete in the five World Cup events and the U.S. National Championships. When he is not paddling, Matt enjoys writing, geography (he is a current GSU graduate student and teaches Geography), politics, art, food, cities, dancing, and being outdoors.

Our heartfelt wishes to Matt and Lecky as they work toward U.S. Nationals and the two remaining World Cup events in 1998.

ACE "Up and Comer" of the Month: Frank Babcock

Frank Babcock, (Junior) Men's Kayak (K-1); Canton

A 16-year-old 10th Grader at Cherokee County High School in Canton, Frank Babcock is among the Atlanta Center of Excellence's best hopes for a spot on the 1998 U.S. Junior Team. Since first learning to paddle in 1995, Frank qualified for the Junior Olympics in 1996 and 1997. His typical training schedule includes ten in-the-boat



Matt Taylor (bow) and stern partner, Lecky Haller, at the '98 Ocoee Double Header. - Photo by Bunni LaBadie.



Frank Babcock at the '98 NOC Double Header. - Photo by Bunni LaBadie.

workouts per week, coupled with three out-of-boat sessions.

Frank's white water goal "to be the best" is simple but ambitious. Frank's mom is Doris Babcock, Chairman of the Board for the Atlanta Center of Excellence and, with

her husband, Harry, have been a tremendous factor in the success of ACE in Atlanta. Doris is as ambitious for ACE as she is for Frank and has great confidence in the future success of the program. Good luck, Frank, and thank you, Doris! ✂

River Access

West Fork of the Chattooga Update

Word has it that a legal settlement has been reached between the land owners and the USFS concerning the section of the West Fork of the Chattooga that has recently

been closed to paddlers by the land owners / developers. The cable and signs are to be removed from across the river and passage on the river allowed. No further removal of vegetation or trees from the property will take place, and a process has been agreed on to determine a purchase price for the USFS to purchase the land from the owners / developers. This is a very tentative agreement, and as we know, agreements between the parties have fallen through before. Keep your fingers crossed.... ✂

Letters

To the members and volunteers of the Georgia Canoeing Association:



Thank you for your wonderful efforts in sponsoring another great event... the 1998 Southeasterns! On behalf of the Atlanta Center of Excellence and the other regional racing organizations, we want you to know how deeply we appreciate the countless hours involved in producing such a wonderful race. Your efforts ensure that many racers have an important opportunity to gain experience and sharpen their skills. This kind of experience provides

inspiration and momentum to our racing program at every level.

Again, thank you. See you at the flat water gates.

Sincerely,

Doris Babcock,

Chairman of the Board, Atlanta Center of Excellence

For more information about the Atlanta Center of Excellence Recreational Racing Program, call Doris Babcock at 770-937-5073. ✂

Book Review

Rivers Running Free, Canoeing Stories by Adventurous Women

Edited by Judith Niemi and Barbara Wieser

Reviewed by Susan Mink

This book contains some great stories about women in the wilderness. Some of the stories were originally printed in magazines such as "Outing" and "Cosmopolitan" in the early 1900s. A few of the women in these stories relied on guides to do most of the planning and canoeing, but most just went off either solo or with another woman or group of women.

Perhaps the most courageous was Helen Broomel, who paddled solo the first 600 miles on the Yukon in 1981



and finished the last 700 miles in 1983. She was 65 years old when she started.

I found it most interesting to compare Margie Erhart's Grand Canyon Journal with my own. While she rhapsodies about the people she is with and runs naked over the rocks at Elves' Chasm, I wrote about miles made and rapids run; a much more pragmatic outlook. Perhaps that's why my journal is not published.

In the back of the book is a Bibliography and a Directory of Resources that would be of interest to all paddlers, but especially to the women of the Club. I believe if a few more women read this book we will have a "women's trip" yet.

- From "The Panhandle Paddler", newsletter of the West Florida Canoe Club. ✂

Growing old is mandatory. Growing wise is optional.

Etowah River — 8 Mile Tunnel Section

by Jack Taylor

Class 1.0+ (June 27, 1998). The day, like us, was very hot and humid. We met at a place on GA 400 that was known only to us. It was as good a place as any to meet. We were 28 paddlers, but we had only 22 boats! I thought 6 paddlers would have to go back home, but soon I learned that some were going to paddle two or even three in a boat. We then divided into two groups, and proceeded to drive piecemeal to Castleberry Bridge for the put-in.

Group 1

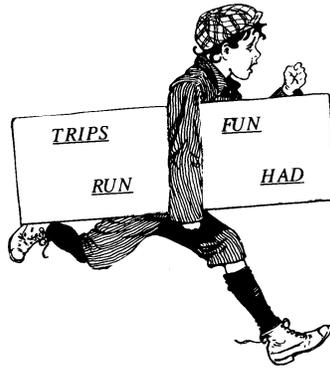
1st Boat - John and Michel Laxson (canoe)
2nd Boat - Marion "Tippecanoe" Webb, our river guide
Lonnie Gregor - kayak
Beverly Gregor - kayak
Kelly Gregor - kayak
Victoria Parker - kayak
Cindy, Mara and Marcus Faye - canoe
Joe (our most seasoned paddler) and Zachary Webb - canoe
Jason Burrell - kayak
Sweep Team - canoes: Denise "Too Cool" Colquitt, Mary Ann "Top Flip" Pruitt

Group 2

1st Boat - Jack Taylor, Rhoen Carlson and Peggy Bailey (solo canoes) We took turns!
Tessa LaBaron - kayak
Bambi Bloom (1st trip) - kayak
Jody Collins - kayak
John Stahl - kayak
Rita and Donnie Orr - canoe
William "Wild Bill" and Debbie Gatling - canoe
Sweep Team - canoes: David Walker, Barbara Barylska

Group 1 put in immediately below Castleberry Bridge, and Group 2 put in immediately above the bridge, both on river right. Only a few paddlers got "above" and "below" confused, but no one got "river right" and "river left" confused. We made a mental note that everyone seemed to know their right from their left, but we would need to be very careful when using "above" and "below" on the river.

During the first two miles, this river, the Etowah, showed us no mercy as it threw "Spike Rapid," "Tom Sawyers Island," "Beaver" Shoals and "Ricochet" Rapid all at us in unrelenting quick succession. "Spike" and "Ricochet" were awesome. They both were an eye-popping class 1+ or maybe 2-. Bambi, on her first river trip, paddled



them like a veteran, and later I learned that "Tippecanoe" and "Top Flip" also paddled upright through all of them.

"Tom Sawyers Island" gave Group 2 a scare. Rhoen was in first boat at the time, and he chose river left. Next, Peggy began to paddle left of the island. Suddenly Rhoen yelled, "Go river right!" and then he disappeared around the island! (No problem I thought as we all previously had demonstrated that we knew our left from our right. Then I pondered, what would become of poor

Rhoen, had he sacrificed himself for the group?) Peggy recovered and paddled river right, around the island. I followed her.

As Group 2, minus Rhoen, paddled around the island, Peggy and I often called out, "RHOEN, ARE YOU OK?" But, we received no reply from our lost companion. At the end of the island, Rhoen came paddling around just fine. He explained there was a tree all the way across the river. He said he had no problem getting past it, but it was not the way for the Group to go. I think maybe Rhoen just wanted some paddling time alone (or was it a pit stop).

At "Copperhead" Shoals, Rhoen and I agreed we had no idea where to go. We then decided one of us would paddle river left and the other would paddle river right. The group could then watch both of us and see who was having the better run. I finally made it to the bottom of the shoals where Rhoen was patiently waiting. I looked back up the shoals; it looked like a battle zone or a place where a boat demolition derby was in progress. Nevertheless, everyone eventually made it down the shoals; however, some walked their boat part of the way. Thinking back, I don't recall anyone thanking either Rhoen or me for spotting a route.

When both groups had arrived at the tunnel, we rearranged into two new groups, Tunnel Group and River Group. The River Group did not paddle through the tunnel. "Too Cool" and I coordinated the River Group with David and Barbara sweeping. John, Michel, Joe and Zachary did a fine job of coordinating the Tunnel Group.

Descriptions of the tunnel from the Tunnel Group varied. "Wild Bill" described it as a class 1 if it were run in daylight, but a class 3 in the dark. Cindy described it as a bit of a challenge because she and Marcus had practiced banging their heads together quite hard during a drop. Someone confirmed that flashlights were of little help due to the light reflecting off the wet walls. And "Top Flip" kept her reputation intact as she made her very first in-the-dark flip. Way to go, Mary Ann!

After the tunnel, we soon became one large gaggle of

merry paddlers all the way to the take-out. I had to smile to myself because, for some time after the tunnel, numerous paddlers still had flashlights taped to their heads, and I wondered if on-lookers would ask themselves, how long have they been paddling this river?

At one spot, John and Michel did a nice job of directing and physically helping everyone paddle across a partially submerged log. Victoria gave a good demonstration of paddling upstream in a rapid. And I had an intense, but brief, dog-fight with a submerged log.

All of us were sad (glad?) when we arrived at the take-out 5-1/2 hours after we put in. Many thanks to David and Barbara for sweeping after the tunnel and making sure that no one was left behind at the many stops and congested areas. ✂

Nantahala

by Susan Oehler

On 6/14/98, a group of GCA's (and one guest) went down the wonderful Nantahala River. We had nine kayakers, which included one sea kayaker!! They were: Linda Klein, Kerry Clem, Kevin Clem, David Seissen, Tim Rich, Michael Babock (the sea kayaker), Susan Oehler, Doug Smith, and John Nell. We also had a one-person land-based support team: Ted Seissen. Ted followed us down the river, stopping at every rapid, and carried some food, water and other supplies. Ted also provide a shuttle and a back-up retrieval system if needed (it wasn't). A lone canoeist joined us at Ferebee, and this was Debra Berry. The Nantahala was running at 3.5 feet, so it was a bit high. The weather was in the 70's, and a mixture of sun and clouds.

I was rather concerned, in the beginning, about the

sea kayak. It was 14 feet long, heavy, and made of roto-molded plastic. The Camel back water system that Mike wanted to put on his stern was impressive. I figured if he could drink that much water, he may be able to drink the river dry also. The paddle leash had to go, and our land-support person (Ted) took the water and extra supplies. I figured Mike could always walk off if he swam too much.... well, he did TERRIFIC!! He caught eddies, did ferries, surfed, and never once flipped over. Oh, did I mention he turned a lot of heads also???? One does not see a sea kayak on the Nantahala everyday. He had a great run of the Falls.

Overall, it was a good group and a good trip. The only concern I had (besides the sea kayak) was when we got rather strung out on the river above Surfing Rapid. I and five of the ten boaters waited and waited for the other four to appear.... and they didn't. I really do like the group I am with on a river to "hang together." I like knowing where everyone is, and that everyone is having a good time. Plus, if you do get into trouble on a river, the folks downstream can do little to help you out, and may not even know you are having trouble. Turns out the upstream group was fine, and just surfing a great deal. Of course, hanging together on a river means making accommodations for other paddlers, and this is especially true in larger groups. But it is worth it, in my opinion. The later boaters caught up with the rest of us at Surfer's Rapid, and we decided to split into two group at that time.

After eight of our total group had run the Falls, I said that we had a really good day on the river with no swims at all.... well, I spoke too soon, and the last two boaters swam at the bottom of the Falls. But, I got to redeem myself as a rope-thrower when I pulled one of them in! It all ended well, and we all had a great day. SYOTR. ✂

Yampa & Green Rivers, Colorado & Utah

by William C. Reeves (The Hawk)

Well, for summer break this year Will scored a permit for the Yampa and Green Rivers in Dinosaur National Monument. So 13 of us set off on a five day (73 mile) float from Deerlodge Park to Dinosaur Quarry. We had two support oar-rigs (Hawk & Barbara Reeves, Clint & Meryl Rhinehart, Ryan Haldeman) a shredder cataraft (Kevin Thomas and Sarah FGLN), five OC-1's (Will Reeves, Brian Postalwaite, Kevin Miller, Kara Sutton, Teri Vales), and one K-1 (Mary Hyat). A Yampa and Green trip requires permits (issued through a lottery system) and information is available from Dinosaur National Monument, 45 Highway 40, Dinosaur, CO 81610 (970-374-

2468).

The Yampa is the last undammed major tributary of the Colorado River system. It begins in the Flattop Mountains of the White River Plateau and flows through Steamboat Springs continuing into an easy 47 mile section through Duffy and Juniper Canyons. Cross Mountain Gorge provides a 4 mile, steep (57 ft/mi.), challenging section, which ends just before Deerlodge Park at the boundary of Dinosaur National Monument.

The Yampa's season is short and depends on snow melt. Effectively paddling is limited to May, June and July. Our trip was June 15-20; the Yampa was pumping-out 7K and the Green about 14K.

In the Monument, the Yampa runs 47 miles through Yampa Canyon from Deerlodge Park to the confluence with the Green at Echo Park. With the exception of Warm

Springs Rapid, it's flat (12 ft/mi.) with intermediate level rapids at Teepee, Little Joe and Big Joe, and one difficult rapid, Warm Springs.

Geologically the Canyon is interesting and arguably surpasses the Grand Canyon in some aspects. It's almost all sandstone. The first 25 miles is primarily Morgan Formation sandstone, dating from about 320 million years, and varies in color from gray to red. Beginning at Harding Hole (27 miles from the put in) Weber Sandstone takes over. This stuff is truly stupendous. It's thick, white, forms tremendous walls and overhangs, and provides monumental tapestries for black, blue-black, and red desert varnish.

The history of the Yampa and Green is interesting, too. Major John Wesley Powell began his epic trip the length of the Colorado on the upper Green in 1869 (it's larger than the headwaters of the Colorado). Butch Cassidy and the Sundance Kid holed up in the Brown's Park section of the Green in the 1890's. Nathaniel Galloway, a trapper, developed the stern first technique of running dories in big white water here in the early 1900's (before that they did it ass backwards). Bus Hatch pioneered large inflatable pontoon boats on the Yampa and Green in the 1930's.

Even more interesting, the whole area is rife with archeological artifacts. The first known cultural group were Paleoindians who camped in the area about 8,000 years ago while hunting herds of giant bison and woolly mammoths. They were replaced by Fremont Indians who inhabited the region from 900 to 2,000 years ago (they predate the Anasazi). Fremont pictographs and petroglyphs exist throughout, especially at Echo Park and Jones Hole.

The National Park Service assigns campsites and our first one was scheduled for Harding Hole, 27 miles from the put in. Teepee is the first rapid of note, about 12 miles into the trip. It's a serious class III big-water drop

with most of the meat (and a good size hole) on river left. The Yampa's steepest gradient, 40 ft/mi., begins at Teepee and continues for about 3 miles. Our first day also included Little Joe and Five Springs Rapids. We never made it past the Big Joe Camp area at the foot of Starvation Valley because it was cold (~45 degrees), raining, and, after straddling a tube on the Shredder all day, Sarah flunked the "Eggs McMuffin Test". Three people in a mummy bag actually works!!!

Day two we only had to make 13 miles. Good thing because it had rained and snowed all night and a 40 degree drizzling continued all day. Harding Hole (where we had been assigned to camp) has an impressive cave on river right. It was occupied by Fremont culture Pre-Columbian Indians and bears graffiti from Bus Hatch and early 20th century river runners.

This stretch of river also includes some of the more impressive cliffs. The Grand Overhang on river left thrusts up about 500 vertical feet and overhangs the river. Cleopatra's Couch took a bit of imagination. But, Katy's Nipple, well it looks like Katy's nipple. Mantle Cave is about a quarter mile from the river on the left at Castle Park. When we made camp at Laddie Park, it was still about 45 degrees and raining.

Day three dawned with sunlight, and the temperature quickly reached the 90s. Tiger Wall provided the day's first spectacle and is important because it's about three miles above Warm Springs Rapid. It rises about 200 feet completely vertical above the river on the left. Its gray Weber Sandstone has been striped by centuries of dripping water carrying manganese and iron hydroxides. The resulting desert varnish tapestry actually resembles tiger skin.

Tiger Wall is even more important because tradition requires kissing it to insure good luck. It's not that easy to kiss a massive overhanging piece of earth while your raft bounces off the wall and continues moving down-



Left: Brian Postalwaite in Warm Springs Rapid of the Yampa River.
Right: Fremont Indian culture petroglyph found at Jones Creek on the Green River.
- Photos submitted by Bill Reeves.



stream at 4 miles/hour or so. Lips can be sanded-off.

Lips or no lips, good luck has immediate importance because Warm Springs Rapid patiently awaits your arrival. It's a youngster similar in character to Crystal in the Grand Canyon. When Powell rowed up the Yampa in 1869, he described a small ripple. Sometime during the evening of June 10, 1965, the mother of all flash floods scoured Warm Springs Creek and flushed a small mountain of boulders through Warm Springs Draw. The mess mashed up against Warm Springs Cliff and effectively dammed the Yampa. There is still a six mile flat stretch presaging the drop.

At 7,000 cfs Warm Springs is a solid, big water, class 4+, with a sneak on river right. It can be difficult to get the sneak because you must first run the entrance. If you've kissed the wall, forget the sneak and gofer it, 'cause it's more fun to run the meat. This entails running the upper tongue. The tip of the tongue licks an 8 foot or so standing wave which is followed by a smaller wave train. The train pulls into a station (in the form of a rather large pulsing smiling hole) about 1/3 of the way down. If you punch this, start thinking about getting river right or river left because almost all of the flow is directed into Maytag Hole.

This bad boy is BIG, frowning, and eats even major oar rigs. One more thing, like Crystal, fast bumpy water continues on for at least half a mile. There is an eddy river right, but if you're swimming or on top of a flipped raft you'll boogie on through Surprise Rapid and even farther before reaching shore.

Our third camp was at Box Elder Park. The weather held and permitted a good pre-dinner hike upstream to the top of the cliff. Day four dawned sunny and warm. Two miles downstream from Box Elder, the Yampa and Green confluence at Echo Park and spin 180 degrees around Steamboat Rock. Plan to get out, use a real outhouse rather than the groover, and fill the jerry cans with fresh water. Also plan to visit the petroglyphs, about a klick up the road on the right, and squeeze a couple hundred meters into the fissure of Whisper Cave, about a half mile more up the road on the left.

About two miles downstream from Echo Park is the proposed Echo Park dam site, which was miraculously defeated in 1955. This marks the Utah state line and the beginning of seven mile long Whirlpool Canyon. We camped about half-way through the Canyon at Jones Hole Creek, river right. Be alert if you have the first campsite. It's a tricky eddy and you can easily blow past.

Jones Hole Creek is trophy trout water; about 1.5 miles upstream to the West is Butt Falls Creek (the falls are about a quarter mile upstream) and another quarter mile up the main trail you will find an outstanding

assortment of Fremont Culture pictographs and petroglyphs.

Day five encompassed 19 miles to the take-out at Split Mountain. About two miles into it you'll hit Greasy Pliers Rapid, after which the river will meander through Island Park, a maze of wooded islands. On river left, just past Big Island, are petroglyphs visible only by boat. They're at the base of the cliff behind some pine trees. Island Park involves seven miles of flat water. Then BOOM, you're at Split Mountain Canyon. In 1869 Powell wrote, "What a view! The river cuts the mountain to its center, splitting the ridge for six miles, then turns out of it.... So we name the gorge Split Mountain Canyon."

Gradient picks up to about 20 ft/mi. and Moonshine Rapid, second only to Warm Springs, is there to meat you (it's not a typo I meant meat not meet). Moonshine is long and has big waves and holes that managed to stand a fully-loaded 18 foot oar rig on end and bury my two swamper to their necks. It's followed by S.O.B. and Schoolboy Rapids.

Not quite two miles downstream (on river right) from Schoolboy is a pool fed by a warm spring. About half a mile below this is the last named rapid, Inglesby (try out the rock pour over just the right of mid-river). Two miles further down is the take out at Split Mountain Campground. This has dumpsters and a groover cleaner!!! Two miles down the road is the Dinosaur Quarry Visitor Center, worth doing!

There are a couple tricks involved in finding the put-in. It takes about two days to drive from Atlanta to Denver via I-70 and another six hours or so from Denver to the put-in. Out of Denver, stay on I-70 until Rifle (last minute fresh groceries can be purchased in Glenwood Springs). At Rifle, take State Route 13 North, until it meets SR 64 just outside Meeker. Consider going into Meeker to fill up with gas. However, Meeker is east and you need to go west on SR 64, which parallels the White River. You will come to Kenney Reservoir (an unmistakable major lake). If you were somehow mistaken you will enter the town of Rangley and need to turn around. Road 65 crosses the reservoir going north (it's the only bridge crossing the only large lake). TAKE IT. Don't panic as the road becomes less and less major. Stay on it until it ends at US 40 and turn right (east). The road to Dinosaur National Monument (Deer Lodge Park Campground) splits off to the left, is fairly well marked, and is just past Elk Springs.

You're not done, shuttle must be set. The entire shuttle takes about four hours and follows US 40 west to Dinosaur Quarry and Split Mountain Campground. Dinosaur Quarry closes in the evening so check your times before taking off to get there in time. ✂

Citico Creek

by Chris McLoughlin

I've never paddled a true steep creek before, but on Saturday, June 6, I had prearranged to hit something fun in North Carolina or Tennessee with my good buddy, Ed Green. I never would have thought Citico Creek would be our choice. Since about November of '97, Ed and I have paddled almost every weekend. I've followed Ed down nearly every new river I've ever done, including the New River Gorge. I appreciate his judgment on the river as well as his memory of the rapids. He is funny as Hell and can cook up a storm, all of which equates to a great paddling buddy.

Anyway, this particular Saturday was open. There was plenty of water everywhere. Originally Little River in the Smokies was our plan, but via Ed's computer, we deemed the water too high. What about Tellico? Also high, 1400 cfs, and the Conasauga was at flood stage. Then Ed suggested Citico Creek just north of Tellico in the



Chris McLoughlin on Citico Creek.

-Photo by Connie Logsdon.



Ed Green on Citico Creek. - Photo by Connie Logsdon.

Indian Boundary area. I don't know about a gauge here but this normally tiptoe across creek was KICKING!

Citico has at least twenty 3 ft. drops; ten 4 ft. drops; five 5 ft. drops; one portage around a dam; and a neat rapid called Pigs in Space. The creek drops 240 ft. in the first two miles and the twists and turns make for some awesome white water. I hope creekin' doesn't get any skinnier, 'cause my 13 ft. Mohawk just won't fit.

Eddies were few and limited to one boat in most cases. Additionally, they were filled with moving water where the lines were hard to distinguish. I guess these are characteristics of creek eddies. The continuous rapids, sometimes only 30 ft. apart, were a real challenge for me.

My three swims were caused by recirculating holes where I was afraid to even try my 50/50 lake roll due to the proximity of the upcoming flush. Regardless of the swims, I look forward to a second helping soon. The Forest Service road makes for excellent scouting and photography. From the road, the creek looks playful. However, when you're in the midst of its gush, it's frighteningly fantastic. If you have the time and Citico has the water, I guarantee 6 miles of aquatic elixir. ✂

Don't Forget the Guard Rails

Film Documents the Bombing of Quartzite Falls

Quartzite Falls is a white water rapid in Arizona's Upper Salt River Canyon Wilderness Area. The focal point of this rapid once was a hydraulic keeper hole, which could stop, hold, and recirculate a boat, or a person, for an indefinite amount of time. Due to the risks of being recirculated, swept downstream into the next rapid, or drowned, Quartzite Falls was respected, feared, and seldom navigated.

Recreational rafters used to choose between dragging their gear over slick ledges around the rapid, or

lining their boats passengerless through it, which often resulted in lost gear, long waits and battered boats.

To many river runners, grappling with Quartzite Falls was a pure "wilderness experience," one which inspired personal challenge and transcendental gratitude. To others, circumnavigating Quartzite was an inconvenience.

In 1994 eight men led by river guide Ken Taz Stoner detonated 154 pounds of fertilizer-based explosives to destroy the rock that created Quartzite's hydraulic keeper hole. The men argued that they demolished the hydraulic in response to two recent drownings that took place there. But it is apparent that Stoner had a personal motive as a

trip leader to neatly accommodate a commercial river trip. (Note that the outfitter of Stoner's commercial trip was not involved in the demolition of Quartzite Falls.) "We've made something safer," he said. "That outweighs the destruction of a natural resource in my mind."

Kayaker Mike Stamps retorts: "Quartzite gave you the opportunity, as it was, to find out how you dealt with adversity and fear, and it gave you the opportunity to die. There's no replacing that. When you take emotional experiences away from people, you can't measure what you've removed from their lives."

In 1995, six of the helpers were instructed by a federal court to perform community service and pay restitution to the Tonto National Forest Service. Another also served a 12 month jail term. Stoner fled before sentencing.

Stoner was apprehended in Australia in April of

1996 and extradited to Arizona, where he was sentenced in late 1997 to 42 months in prison for fraud charges and his involvement with Quartzite's demolition.

The only way to make wilderness "safe" is for back country travelers to hone their skills and exercise judgment. The purpose of telling the tale of Quartzite's demise is to encourage back country travelers to raise their skills to meet the challenges of wilderness instead of taming what's left of our wild lands to meet the lowest common denominator of human ability.

The video will be submitted to cable and PBS stations, film festivals and educational forums. For more information about how to support this project, please contact producer Kristin Atwell at 650-813-9926 or 602-952-2774.

- From "The Spray", newsletter of the Colorado White Water Association. ✂

New Rapid Rating System

Rapid ratings are a frequent topic of discussion, err, argument among paddlers.... much as route ratings are for our rock-climbing friends. When faced with the problem of subdividing that part of the climbing scale between 5 and 6, they judiciously chose to use decimal fractions, i.e., 5.1, 5.2.... to indicate increasing degrees of difficulty.

However, they ran into a problem when a route greater than 5.9 in difficulty (but not appropriate for 6.X) came along. Not hesitating for a moment, they leapt to 5.10, 5.11.... and so on. Now they have endless fun arguing about the difference between a 5.12a and a 5.13b, providing (in the process) endless fun for those folks sitting around the campfire with them. Heck, a 5.15 rating means something like "hanging on by one finger on overhanging glass," but folks do claim to have actually done these sorts of moves.

The international white water scale of difficulty rates rapids from I to VI, with anything above that considered "unrunnable", at least by ordinary mortals.

Until now.

We proudly announce an elastic scale which copes with the difficulty of rating rapids which are clearly class V or higher... but which are not deserving of the "outer limits" label that a VI bestows. Here, then, for your divertimento, is the brand-spanking-new AWA scale:

V.0 Any standard class V run, such as sections of the Upper Yough, Taos Box, Gore, Upper Gauley, etc.

V.1 After 4 in the afternoon (west-flowing rivers).

V.2 The run includes at least one significant drop. "Significant" means that the paddler has time to put on

nose clips on the way down, or to evaluate a new hobby.

V.3 The significant drop is blind and impossible to scout. All that can be seen from upstream are treetops.

V.4 Well, treetops, and shards of PFDs hanging from branches.

V.5 The drop terminates in a hole like The Mixmaster (Moose, NY) which has water feeding it from all four sides.

V.6 There is a raft behind you.... and it's not stopping to scout.

V.7 Your paddling partner is a slalom racer and insists on catching every eddy, even the 1/3-boat ones.

V.8 Your safety boater can't stop nervously giggling.

V.9 So many throw ropes that it's like paddling through floss....

V.10in February...

V.11and you left your pogies in the shuttle van.

V.12 Believed the guidebook.

V.13 Huge pulsating dynamic exploding megawaves and monster terminal killer stopper hydraulics, with the only safe route being to get lost during the shuttle.

V.14 Ran the whole thing as one giant upstream move....

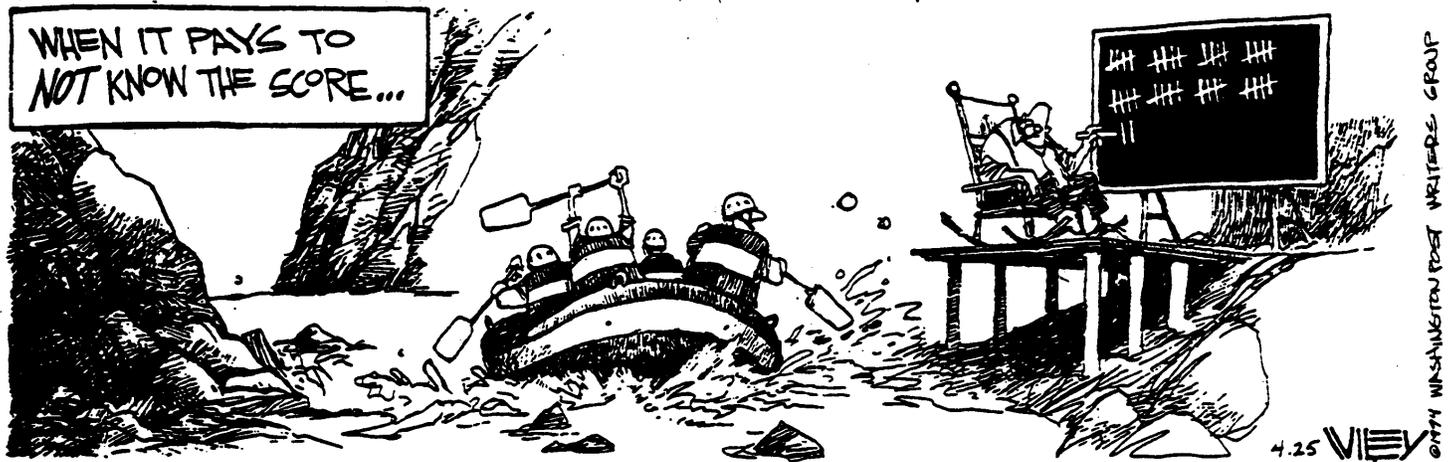
V.15while inverted.

NOTE: THIS IS A JOKE... not for real.

- From an Internet posting from Neil Harrison, Houston, Texas. ✂

Two Eskimos sitting in a kayak were chilly, but when they lit a fire in the craft it sank—proving once and for all that you can't have your kayak and heat it, too.

NON SEQUITUR BY WILEY



CLASSIFIED ADS

TO PLACE AN AD - Want ads are free to dues-paid GCA members. Send your type-written ad to: Allen Hedden, 2923 Piedmont Dr., Marietta, Ga. 30066, or email to gacanoer@mindspring.com. NO PHONED-IN OR HAND-WRITTEN ADS. All ads will be run for two issues unless otherwise requested.

FOR SALE - Cabin On Chauga River. Just 12 miles from US 76 Bridge at Chattooga and 1/4 mile below Cobb's Bridge. River front cabin is great getaway. App. 500 sf of heated space and app. 189 sf of sleeping loft. Features include 1 bath, room to sleep 8, furnished interior, microwave, TV, heat/AC, wood stove, 4 ceiling fans and drilled well water. App. 180 sf of deck overlooking river. Private retreat! \$65,900. Agent owned. Call Dana - Agent 864-224-7901.

FOR SALE - Canoe, Old Town Appalachian tandem, with air bags & thigh straps. Very good condition. \$750. 770-432-6314. Leave message on machine.

FOR SALE - Canoe, Old Town Discovery tandem canoe, 16' Olympic blue. Equipped with optional seat backs, center air bag. In very good condition, paddles included, \$625. We are also interested in purchasing used, in good condition, solo white water canoe. Please call 770-801-1161.

FOR SALE - Canoe, tandem white wa-

ter, Blue Hole Sunburst II -- hull in excellent condition -- \$680. Professionally outfitted for tandem. Includes two Perception canoe paddles. Call KT 770-956-1767.

FOR SALE - Canoe, 18 foot fiberglass by Lincoln. Excellent lake and flat water boat. Good condition. \$425 OBO. 404-377-2766.

FOR SALE - Canoe bookcase. 7'6" in height with six oak veneer shelves and solid oak rails. The outer hull is painted either hunter green or dark blue - custom colors extra. The inside is stained dark with a polyurethane topcoat. The price is \$750.00 finished or \$650.00 unfinished. Our bookcase was displayed in the Southern Living Idea house at Big Canoe last Summer. My web site address is www.mindspring.com/~petepayne. Pic of bookcase can be seen there. Pete Payne, The Payne House, 779 Hunter's Ridge, Jasper, Ga 30143. 706-692-3914.

FOR SALE - Canoe & C-1. Mad River Outrage canoe. Hot solo play boat. Fully outfitted. Good shape. \$450. Gyra-Max C-1 with spray skirt. Good shape. \$75. Call Jon at 770-806-6587.

FOR SALE - Car, 1988 Honda Accord LXi. White. 5 speed. Must sell. \$1800. 404-252-3524.

FOR SALE - Equipment. ** New Remos Tropicales German style river warrior

helmet. \$70. Purple metal-flake - lightweight kevlar lay-up. ** Stohlquist paddling pants sm. almost new. \$35. ** Stohlquist dry suit, size small, exc. condition. \$150. Call KT 770-956-1767.

FOR SALE - Equipment. Extrasport PFD's (1 M, 1 S, 1XS) \$35; Prijon Helmet (adjustable) \$32; Werner paddles (various lengths & models -- call for availability and prices). Bruce 404-231-5624 (day or evening).

FOR SALE - Equipment. Wooden canoe paddle, Remos Tropicales 56". \$65. Kayak spray skirt, Aquaterra, size small/p. \$40. Both in new condition. 404-636-9339 after 5 PM.

FOR SALE - Kayak, Whipit. Call Sara Kraushaar @ 828-837-3511 or 423-338-5990 or 338-5190.

FOR SALE - Kayak, Corsica S, aqua, used 3x, stored indoors, great condition. Includes spray skirt, lower back brace, air bags. \$425 obo. Call Jody at 770-270-8150.

FOR SALE - Kayak, Prijon Hurricane, blue, very good condition. Comes with flotation and back brace. Great intermediate boat for medium-sized paddler. \$450. Also: Perception spray skirt, barely used (does not fit Hurricane), \$20. Call 404-875-8503.

FOR SALE - Kayak, Pyranha Acrobat, blue, paddled twice, perfect condition, \$500. Call Roman, pager 404-690-8171.

FOR SALE - Kayak, Pyranha Stunt 300, blue, 2 years old, paddled 1 year, good condition, \$450. C-1, Hydra Centaur, good shape, \$125. Mountain bike, Spalding 18 speed, Shimano shifting, great shape, used 8-10 times, \$160. OBO on all. Call Bill Kelly 770-926-4925.

FOR SALE - Kayak, Dagger Blast w/ bags, blue/black multicolor, stored indoors, and in great condition. \$425 Call Jim @ (Day) 770-421-3280, or voice mail 800-572-4181.

FOR SALE - Kayak, Dagger Crossfire. Red, very good condition. XS sprayskirt and airbags. \$350 or best offer. Extrasport Hi-float PFD, red, size M, like new, \$35. North Face Goretex shell parka, blue, size M. \$60. Please call 404-876-3911 between 6 and 10 p.m.

FOR SALE - Kayak, Piranha Acrobat 270, 2 years old, fully outfitted with air bags, back brace and hip & thigh pads, purple. Great all around boat. \$450. Jim@770-587-1172 (eve).

FOR SALE - Kayak, championship quatro racing kayak. Yellow Kevlar "glass". Light weight. Great shape!! 1/2 cut for smaller boaters. \$400. Call Pam Sullivan @ 912-953-9935 or email pamsullivan@juno.com.

FOR SALE - Kayak, Pyranha Creek 280. Blue. Very good condition, includes air bags, back band, hip, thigh pads. Excellent creek boat or beginner boat. Very predictable; Rolls by itself in most places. \$450. Ray -- 404-636-5944.

FOR SALE - Kayaks, (2) Perception Dancers. Both in excellent condition and include air bags. New style (key-hole) cockpit. Paddled about 12 times (ea.). Pick your color -- blue or lavender. \$250/ea. or twofer \$450. Ray -- 404-636-5944.

FOR SALE - Kayak, Perception Overflow. Bright Red. Excellent condition. Includes air bags. Good choice as creek or beginner boat for larger paddler. \$525. Ray -- 404-636-5944.

FOR SALE - Kayaks, Perception Pirouette, purple in excellent condition, \$400. Perception Corsica S in excellent condition for \$350.00. Call Joe (Cotton) Webb @ 770-954-9609 in McDonough.

FOR SALE - Kayak, "New Baby Clearance Sale," Sit-on-top aqua color Torrent Andes by Perception with knee straps. Used just a few times, \$425 obo.

Werner 82" (that's 208 cm for you foreigners), fiberglass paddle, also used just a few times, \$50. Also have female's medium spray pants/jacket, helmet, & PFD, make offer. Call Larry or Carol @ 770-591-4215

FOR SALE - Kayak, New Wave Sleek - 1997 model -- Excellent Condition -- \$550 or trade. Call KT 770-956-1767.

FOR SALE - Kayak, Wave Sports Lazer -- Good condition, fuchsia/purple -- \$400. Includes a new Seals spray skirt and back band. 10' 9" 69 gallons -- fast hull, crisp turns? Excellent gen. purpose white water kayak for small & medium sized paddlers. Perfect beginner boat! Excellent big-water boat! Call KT 770-956-1767.

FOR SALE - Kayak, Dagger Crossfire, red. Very good condition, with drain plug installed. Asking \$350. Call Jody @ 770-455-9292 after 6pm.

FOR SALE - Kayak, Perception Pirouette S, Perception Horizon Line paddle and Perception Harmony LC-1 spray skirt. Excellent shape. Paddled less than one season. Must see to believe! \$550. David @ 770-962-3169.

FOR SALE - Kayak, Perception Pirouette S, excellent condition, purple, \$450. Contact Nic Freeman at 770-614-9858.

FOR SALE - Kayaks, paddle. Wooden Sidewinder paddle, 206cm., in excellent shape \$90. Epiot boat, (beginners kayak) for children, like new \$75. Also purple Pirouette in great shape, \$400, and a Corsica S, teal in color, in excellent condition, for \$350. Call Joe Webb 770-954-9609.

FOR SALE - Kayak; Dagger AQII in excellent condition, only used 2x. Included is spray skirt and air bags. Will sell all for \$540. Call Joe at 404-843-1645.

FOR SALE - Kayak, Savage Gravity. Excellent condition. Spray skirt included. \$450. Call Roscoe 706-276-4691.

FOR SALE - Kayaks. Dagger Free Fall LT, blue & green, used a few times this year, looks great. \$500! WOW!! New Wave Cruise Control with C-1 conversion kit if you want it. Also looks good. \$325. Call Ben Whittle at 770-887-7821 after 4:30 PM.

FOR SALE - Kayak, Wave Sport Frankenstein, used twice - excellent condi-

tion. Includes Seals skirt, Perception Horizon Line paddle, floatation, PFD and helmet. Must sell! \$775 for everything! Call Brad 770-505-9566.

FOR SALE - Kayak, Perception Corsica S. Red w/ air bags. Well used, but not abused. Asking \$350. Call Neil at 770-410-7786.

FOR SALE - Kayak, Aquaterra Spectrum. Expedition package. Very stable boat - 14'4". Great light touring boat - good condition. \$575. Call Mike at 770-518-9848.

FOR SALE - Land, 10(+) mountaintop acres in Pickens County. Close to Atlanta AND several great river runs! Overlooks Bent Tree's golf course and lakes. Elevation 3,100 ft., beautiful heavily wooded site with driveway and gate. Underground power and phone at site. Restrictive covenants in place. Awesome view!!! Just off Hwy 515 and a bit above Jasper, Georgia, on Monument Road. (Only 1 hr. from I-75 & I-285 interchange in Atlanta.) \$4,950/acre. Transouth Realty (Martha Herndon) Owner-Agent 404-231-5367.

FOR SALE - Rafting Company on the Ocoee River. For details, call Roger Scott at 423-478-1857.

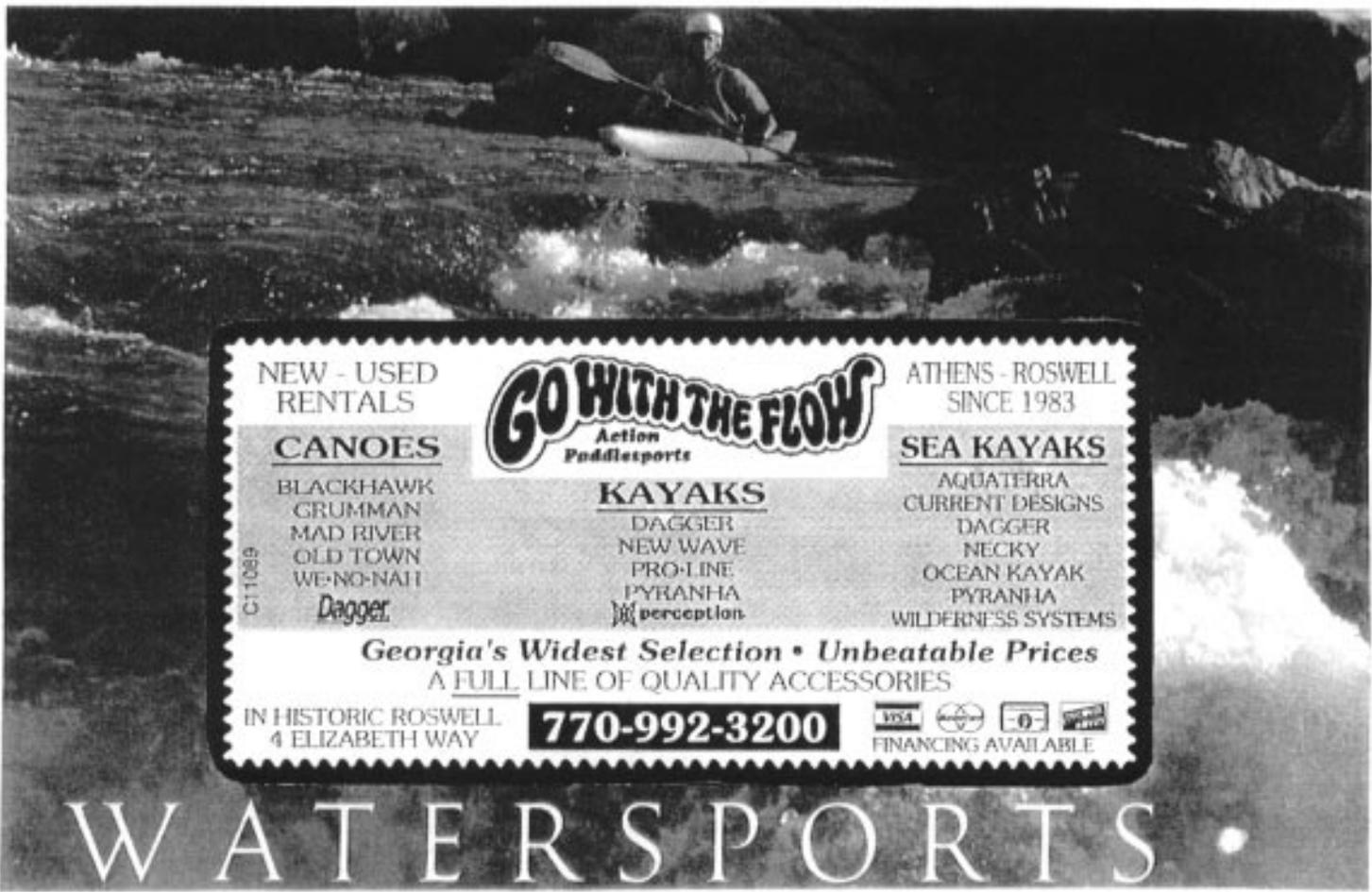
FOUND - Paddle, kayak. On may 9, 1998, a kayak paddle was found on the Cartecay River. If this belongs to you, please call Andy McBride at 404-872-1090.

FREE KAYAK INSTRUCTION - Women are great boaters! For women only... help with paddle or hands roll. (Married) ACA-certified female instructor, boats regularly. Limited offer. Carol 770-479-9478.

HELP WANTED - Yes, the GCA needs your help. We need volunteers to serve on committees, label and mail newsletters, etc. Call 770-421-9729 and leave a message.

SURF & SHOOT - Anyone interested in paddling the Ocoee then shooting at the rifle range call John Turk at 770-436-8523. Must be an experienced Ocoee paddler and shooter. Also, the police want all guns unloaded and ammunition stored separately when in the parking lots.

WANTED - Canoe, Dagger Encore in good condition. Danny Andrews, 205-934-3197.



NEW - USED
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OLD TOWN
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Dagger

CT1089

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PRO-LINE
PYRANHA
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