

In 2002, Solar's second archaeological field season at the Metate Inquis site, Solar continued to uncover more than just the household garbage. Last year Solar dug up the main garbage dump or "middens" at the site. This year, our crew of amateur archaeologists began to unearth an Inquis longhouse. After taking off the first few inches of soil, we discovered 30-year-old plow marks and 500-year-old fire pits, storage pits, and the row of support columns that held up the end of the longhouse. Not to mention plenty of goodies buried on the ground around the house.

Rather than write the usual trip report, we asked some people who went on the trip to explain why they went, what they learned, and the coolest thing they found. Here are a few contributions.

Chris Kleinbrook said that he'd checked a booklet of the National Archaeological Institute to see if they had any digs to come to, now that he's self-employed and can arrange more time to learn things, and just one dig allowed anyone without prior experience. Chris quipped with Dr. Finlayson that he'd expected a "line up." Grab your toothbrushes! Most camp and of experience at the dig and was pleasantly surprised at how supportive and laid back Bill and I were.

Chris located many wonderful artifacts, including a perfect small projectile point (arrowhead). He learned that you can't always trust how historic recreations are presented. Dr. Finlayson pointed out some major inaccuracies in the palisades and longhouses re-constructed at Crawford Lake. Essie Kwan said that she was a history major at M. S. U. (Mich. State Univ.), and since has gotten into advertising. Essie is a new Solar member, enjoys the outdoors and kept us laughing with her amazing sense of humor. She was heard to say when someone was invading her spot, "Mind your own square of garbage." She and new member Miranda Venetrisso discovered a stone pipe

resemble a snake some scraped on it. Dave came great-plowed up on his farm. Dave got to hoped to arrowhead found two very special dog-tooth pendants and a polished stone bead.

Gloria Fontaine said this was her second Solar archaeology trip, this time she came to share the experience with Solar friends. She found a whole horse

needle and a treasured deer toe bone with an animal (turtle, dog?) design etched using burning coals.

Joanna Alexander said that she has long wanted to study the mysterious past, maybe through archaeology, maybe having back to a book given to her as a kid, Richard Halliburton's Seven Wonders of the World. When she was about 10, she had a horse, rode it bareback through dewy

morning high grass, imagining that she was an Indian village, made yampun holy stepping stones, grapevine!

Joanna reports that among the most disciplinary of archaeologists is botany horticulture, which is it. Dr. Finlayson's studies. For instance, clues to the location of sites use the knowledge the original Chaco. Crest was been maybe you are getting close to a site if you find oak-pine or evidence of oak-pine, which

succeded the beech, maple after the Indians cleared them (help to plant corn). Also, a beautiful area near a village re-constructed near it holds similar "fort" evidence for the TIMING of settlements with deepwater, undisturbed microscopic layers of winter/summer sediments which had pollen from two Inquisian crops: portulaca and corn. the sediment covered and a time line established.

The most interesting thing she "found" was not a memorable artifact. Instead, she says she found the granddaddy of the dig and the walk around Crawford Lake with the play of light in its surrounding aquatic Cedar swamp forest and lush undergrowth.

The next dig in July is already full, but we might just have to go back for more.

— Laura James & Joanna Alexander



Solar's Dave Hynes provides some for a storage pit that was unearthed several inches below topsoil. Still pretty visible 500 years after it was used.



June Archaeology Crew



Nancy Doug, Austin & Laura wash and sort the day's finds



Dr. Bill Finlayson photographs the evidence of the longhouse.

bow carved to deer foot with etchings as well. Hynes said he because his grandfather arrowheads that as a kid find. He find a n

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KAYAKING... BUT FOR KIDS!

When: July 6th
Where: Island Lake
Meeting Place: Mill Pond
Time: 10:00 AM

EPI has volunteered kayaks specially designed for kids and their time to teach our kids how to kayak. Kids will have a lesson, play a game and then break for lunch. After lunch we will go for a paddle around the pond. Sorry parents kayaks are for the Kids only. Parents are more than welcome to bring their own kayaks.

For more information Email
Meg Webber at
Email: mwebber@metlife.com



SOLAR BRIEFS

Little Miami State Park and River - July 3 - 7

Come join SOLAR as we celebrate the July 4th holiday. This kid and dog friendly outing is close enough to home (4 hour drive) that even if you do not have a long weekend, you can join us for Friday and Saturday nights.

Caesar Creek State Parks highlighted by clear blue waters, scattered woodlands, meadows and steep ravines. The park offers some of the finest outdoor recreation in southwest Ohio including boating, hiking, camping and fishing. There are 43 miles of hiking trails, 2.5 miles of mountain biking trails, a lake with a 1,300 foot beach and fossil trails. We are going to canoe or kayak the Little Miami River on Sunday and have a potluck dinner on Saturday night.

Just north of the park is John Bryan State Park which offers hiking, biking, rock climbing and rappelling. You will need to supply your own climbing gear and obtain a permit for the park.

We will be camping at the Group Horseman's Camp within the park. There are pit toilets, but no water. Please bring a water container with you that you can fill at the main campground, which also have showers.

Costs: Adults: Camp and canoe \$35, camp and kayak \$40, camp only \$20.

Children: Camp and canoe \$20, camp and kayak \$25, camp only \$5.

Dogs: \$5 (not allowed in canoes or kayaks)

If you are interested please contact Leslie Cordova at (248) 547-5626 or lesliecova@aol.com to reserve your spot.

Archaeology update! - July 20 - 21

This is your last chance to participate in SOLAR's Ontario archaeology field school so grab those trowels and shovels with us July 20-21. For those of you who have paid a deposit to go in July, the balance due is US \$127.20, payable to SOLAR. We have to pay a 7% Ontario Goods and Services Tax, which is included. You will owe me \$10 Canadian when we get to the campground. Those folks planning on going need to pay in full at the July meeting. I will also work on putting some carpools together and making sure everyone has the gear for car camping, so drop me a line at Laura4991@prodigy.net to let me know what your traveling plans and gear needs are.

-- Laura James



Gloria Fontaine shows off a complete, unbroken bone needed.

Wyandotte Caves State Recreation Area Marengo Caves US National Landmark

WHEN: AUGUST 18-19, 2002

Can't get enough slithering around underground? If you are 12 years old or older, come join SOLAR as we head down to Corydon, Indiana for 1 1/2 days of guided caving.

Saturday morning: We will participate in an "ALL DAY TOUR" at Wyandotte Caves. The parks description is, extraordinary stamina is required for the inexperienced caver to survive six to seven hours of walking, climbing and crawling on this "All-Day-Tour". Lots of energy is spent as participants crawl past the appropriately named "Normed Alley" and "Gravelly Spring". Splendid formations can be seen in "Malroy's Temple". NOTE: For those that went the past 2 years to Wyandotte Caves, this is a totally different tour.

Sunday: We will go to Marengo Caves for a 2-hour "Underground Adventure". In this cave exploration you will get wet and muddy, learn cave diving and little bit of cave ecology and conservation. All this caving might make your muscles sore, don't worry, I have thought of everything!! We'll be staying at the Hampton Inn in Corydon, complete with hot tub. Also there, is an exercise room, swimming pool, free breakfasts, in-room coffee and real beds to sleep in.

COST: \$100

(space is limited, first to pay, first to go)

Leslie Cordova - lesliecova@aol.com
or (248) 547-5626



Junior Kayaking Class: Bird's eye view from top of the Silver Lake Dunes

Backpacking the Continental Divide - Wyoming September 7 - 15

I'm leading a trip to the Wind River Range from Sept. 7 through 15. This is an area about an hour east of the Tetons. Highlights include alpine lakes, meadows, mountain views, wildlife, and the legendary Cirque of the Towers. All of this, and enough altitude to take your breath away (literally).

This trip will be a trip to change you. The trail elevations range from 9,100-11,853 feet. Days range from 2.75 to 7.75 miles with most about 6.5, with LOTS of elevation change. We will cross the Continental Divide twice and a mountain face that's even higher. The total distance hiked will be about 39 miles over 7 days. THIS IS NO mountaineering trip, but IS a trip for advanced level, well conditioned backpackers. Good navigation skills and wilderness first aid a plus. There will be a couple of shakedown coming up soon. Cost??? Will be made depending on some decisions made amongst the party. Questions, please email or call me or just see me at the next meeting.

-- Karl Overholt - cybernorrat@backpacker.com

THIRD ANNUAL Double JJ Resort WEEKEND - November 1 - 3

located in Rothbury, Michigan, 3 hours west of Detroit - Halloween Theme Weekend Friday-Sunday, November 1-3, 2002

Arrive by 7:00 p.m. on Friday, check out by 1:00 PM on Sunday, but stay till 4:00 PM

\$251 PER PERSON - INCLUSIONS

- Two nights in simple camp/bunk style rooms at the Adult Exclusive Fench with private bath
- Horseback riding for every level Saturday & Sunday (one ride/day, but we'll wrangle more, so be prepared to be sore)
- Haunted bar, corn roast and hayride Friday night, B.L.D. Saturday, brunch on Sunday
- Multiple activities throughout day & evening (archery shooting, mechanical bull riding, line dance instruction, DJ dancing, Halloween cabin decorations, trick or treating, party at night)
- All taxes & gratuities

Packing list, driving directions, and all details mailed upon registration. Pre-trip meetings sat. Oct. 5 to go over carpooling, costumes decorations and treat! Payment Schedule & Cancellation Policy: \$50 pp deposit due by June 4, 2002 - Balance due October 5, 2002 - All payments are non-refundable unless you find a replacement. Contact Lisa Buose (w) 248-358-5130. lisa@cadillactravel.com

Not done yet! MORE Help is NEEDED on Pontiac Lake trails...

The trail segregation project at Pontiac Lake Recreation Area started several years ago is moving ahead, albeit slowly. Recent developments in the DNR staffing have greatly increased the need to finish the segregation of the horse and mountain bike trail systems. The situation today is that we MUST finish separating the trails by the end of this year. Unfortunately, the amount of work ahead of us is much greater than the number of volunteers we've been able to get out at the trail days. Unless we can increase the number of volunteers, the only way we can finish the segregation is to NOT build the miles of trail that would replace the sections lost to the overall project. The bottom line is, without more people helping at trail days, the trail system at Pontiac Lake will be 6 to 7 miles of uninspiring trail by the end of the year - not the 10 to 11 miles envisioned under the proposed plan. To regain the lost sections of trail might be very, very difficult. The quality of the trail at PLRA is completely dependant on the number of volunteers who show up to help with this project - it is completely in our hands, riders.

What we need to do: There are 4 more workdays scheduled for 2002 - the next upcoming is Saturday, July 13th. The work is hard, but the reward is great. I'm asking everyone to do their best to come out to help. Whether you can make it only this Saturday, all the days left this year, or only half of one day, please come and lend a hand. The day will start at 9:00 am, lunch is provided at about noon, and the day finishes at about 3:00 or 4:00 pm. Come at 9 or come at 1, just please come. One time or 4 times, whatever you can do will help.

The remaining workdays at Pontiac Lake this year are:

Saturday, July 13
Sunday, August 11
Sunday, September 22
Sunday, October 13

Meet at the Organizational Campground parking lot off Teggerdine Rd on the West side of the park. Take M-59 to Teggerdine north. Go about 2 or 3 miles and turn right (east) into the park entrance. The parking lot is on your left about 1/4 mile in.

Don't forget, the time you log at a maintenance day is credited toward your total in the Ed Berta First Across the Finish Line awards. If you log 10 hours trail work for 2002, you will get a gift as a reward for your efforts. Last year's recipients got a custom, stainless steel coffee mug.

Thanks, Robin Scurr,
MMBA Membership

12th Annual Fossil Hunt

Once again I am leading this year's Annual Fossil Hunt. It is the 12th year. For those of you who have NOT gone on this trip you won't want to miss it this year. Once again we will meet at the museum then go for a hike and fossil hunt. Then a potluck lunch which will lead into the hike UNDER the 35 foot waterfall, after playing under the falls they hike down the stream to the river, where the best fossils can be found. Which then includes more hiking some swimming and a beautiful unusual trip?

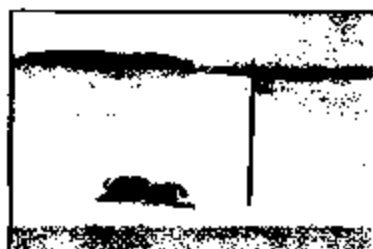
This is a good trip to take the kids on as there are plenty of fossils to be found. I will also supply the balloon animals at lunch. This is a traditional non-Solar trip, so you can bring your friends and neighbors. The trip is FREE, but there is a small fee to get into the park. It is a 2 hour drive from the Detroit area, and the meeting time is 11 am.

You can call me for more information. Handouts will be available at the July Solar meeting. Call 734-513-9460 or email UncleJim@aol.com and mark this trip down on your calendars now. In past years I've had over 25 kids at a time and more adults."

- thanks, Jim Gilfix



Rock Glen Falls, Ontario
35 Foot Waterfall



June Kayaking Class: John Moffat
gasping for water.

Oakland County Parks Calendar of Events

Environmental: July 27 & Aug 24

Free wood chips pick-up days, 9 am - 4 pm.
Orion Oaks. Enter at Clarkston Rd gate. Bring
shovels, wheelbarrows, buckets, etc.

Wint Nature Center (located at
Independence Oaks County Park. (A)
indicates event at center's outdoor
amphitheater. Call (248) 625-6473 to
register)

July 17 & Aug. 15, Healthy Hikers, 10:30 a.m.

Noon, \$2/person.

July 10: Just Friends Trio (A), 7:30-8:30 pm.
\$2.50/person.

July 16 - July 18: Eco Explorers Nature Play,
1:30-4 pm. Ages 6-8, \$10/child/day or
\$25/child/all 3 days.

Outdoors at Orion: (taking place at Orion
Oaks County Park. Pre-register at Wint
Nature Center call (248) 625-6473 for more
info.)

August 16: Lake St. Clair Canoe Tour, 6:30-8
pm. Canoes available for rent or bring your
own to run the shoreline. Life jackets are
needed. Joslyn Rd. parking lot at Lake
St. Clair. \$7/canoe rental.

July 6: Reptile Hike, 11 am-Noon. Clarkston
Rd parking lot

Aug. 28: Nature's Healthy Hikers, 10 am-
Noon. Baldwin Rd parking lot. \$2/person.

Keep in mind that you may have to pay a
vehicle entry fee.

If you have any questions can take them by
email or phone at: www.co.oakland.mi.us
(248) 838-0906 (Admin Office/Waterford)



NATIONAL TRAIL DAY INJURY...

...well, I was given a box of clippers to carry, and stepped on a root. My foot hurt a lot after that, but I thought it was only sprained and walked out with the help of a walking stick Doug made. I went to the doctor the following Tuesday, and though I was bruised, the doc said it was probably just sprained and didn't give me an x-ray, just some anti-inflammatory medicine. The next day, I felt a strong POP in my foot and thought everything might be back in place. However, by the next Saturday (the 8th) my foot still hurt, so I got a second opinion from a doctor who did perform an x-ray, and the finding is that my fifth metatarsal bone is separated (maybe the POP was when a hairline fracture turned into a break clean through). I'm not sure yet if this means surgery, but it's something that isn't making my day. Anyway, I wanted to share this both as an example of what may happen when wearing tennis shoes instead of hiking boots on the trail, and also, not to always trust a doctor's opinion that something is only sprained. Thanks for arranging the groups to go on the trail - I just thought to provide feedback about what happened afterwards.

- Ted Huff

The Did you know... Corner

Early to bed, early to rise, makes campers less itchy and is much more wise. This variation on an old saying teaches us that bugs are more prevalent at night than during the day. This is especially true if the day is hot, sunny, and more windy than a cool, calm night. In tuggy conditions, try going to bed early and getting up early to avoid the times when insects are most prevalent.

— Author unknown

June SOLAR Roy Mistake / Correction:
NEW STEERING COMMITTEE
Programs Director - PAM RIEHL
(not Amy Fedyk)

July RAY Photo's taken by:

Fruit Cakes, Laura James

Pg 2: Top right - Roy Risk; Bottom left - Laura James

Pg 3: Top right - Jim Gilix; Bottom left - Roy Risk

Pg 4: Top right - Stacie Kitchen; Bottom left - Roy Risk

Pg 5: Middle left - Laura James; Top & Bottom right

A.J. Pnatula & Nick Waller

Pg 7: Top left - Laura James; Bottom center - Roy Risk

Solar Kayak Class

Nineteen of us met at Silver Lake State Park June 7-9 for the SOLAR kayak class. Fourteen students, three instructors (Ron and Susie and Laurie), one very significant other (Reggie Hayes) and me. On the drive up many were caught off guard by the construction on I96 at Lansing and the extent of the backup, some got hung up for an hour or two and many arrived at the campsite late in the evening. But what was a rough beginning turned out to be a great weekend. The weather cooperated splendidly giving us a comfortable partly cloudy day Saturday with just enough wind to make the kayak practice interesting and an absolutely beautiful day Sunday, warm and sunny, not a cloud in the sky.

All will testify that Ron teaches a thorough class covering just about everything you need to know that can be taught in two days. We had classes on kayak nomenclature, proper



June Kayaking Class: SOLARites and the instructors

clothing, necessary safety equipment, weather, navigation, hypothermia, heat stroke, wave action, signaling, and much more. Or a practical evening we learned basic paddling as well as bracing, sculling strokes, paddle float

Land Navigation Class - Details (AT LAST!!)

The response to the Land Navigation class has been overwhelming. I had about 40 people sign up for 12 spots. I added a couple of classes, but they weren't even quite enough! The classes are full, and I have a substantial waiting list, so I'm not accepting any more sign-ups. If I have some ampithe openings, I'll announce them at the meetings, and/or in the Ray. I will have another class in the spring.

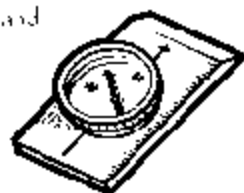
I'm sorry I couldn't accommodate you all.

Things have been a little confused regarding the date(s), so let me clear things up:
Class #1 - June 22nd - 23rd - McConness Campground, Holly Res. Area, Holly, MI
Class #2 - July 30th - 31st - Burns Cabin #1, Waterloo Res. Area, Chelsea, MI
Class #3 - October 26th - 27th - Burns Cabin #1, Waterloo Res. Area, Chelsea, MI

Trips are shown as Saturday and Sunday, but students are encouraged to join us after 3:00 p.m. Friday evening as we're ready to go in the morning. Classes will begin on 8:30 Saturday morning, and end around 3:00 on Sunday.

I will have maps and maps at the next meeting.

— Karl Overmoe - cyberNomad@backpacker.com



rescue and T-rescue out of the water.

Silver Lake turned out to be perfect for our class. One side of the lake is tree lined with small patches of beach here and there. The other side is one huge beach with sand dunes over a hundred feet high coming right down to the edge of the water. Our campsites were close enough to the lake so that we were able to carry our kayaks from the campsites to the put-in site, a small beach, and I mean small. The water was no more than a couple of feet deep out to about two hundred feet of shore. This gave us plenty of safe space to practice. We had a few dunks but as the classes progressed students began helping each other get back into their boats using the rescue techniques they had learned in the classes.

On Sunday after bracing and rescue practice we all paddled over to the dunes. We beached our kayaks and climbed to the top for a beautiful view of the lake, the surrounding dunes and forest.

We will be meeting to practice the skills we learned in the local lakes during the summer and Laurie has offered to take a group to Les Chateaux Islands. All agreed that it was a great class and a beautiful weekend. Oh, and last I forget, we had a great SOLAR pot luck Saturday night. Thanks Ron, Susie and Laurie for a great class. And, thanks to an enthusiastic group of students. Have fun paddling this summer!

— John Moffat & Tom Hayes

Do you want to tell the SOLARites that you're back?



June Kayaking Class: Laurie & Ron from Black Parrot Paddling, LLC



Non-SOLAR - Therapeutic Canoe Trip

Location: Proud Lake Canoe Rental, meet at 1 PM. we'll get back @ 5 PM.

We'll go someplace for dinner after. Everyone who has a canoe (or two) and can bring it, it would be appreciated. Cost for the canoe captains is free. I need to know if you are coming so I can match them up with a bowman ahead. All canoe captains have to be able to paddle their boat even if the person in the front can not paddle or paddles backwards (it happens). Anyone who is not able to captain a boat is invited to join us, rent their own boat, and come along. We'll all have a great time. I will provide a snack for everyone at the midpoint, probably fruit, juice, and cookies. I can promise that the therapeutic program member in the boat will be very friendly, and will greatly enjoy the trip. I don't promise that

the program member will be able to paddle. But that's sometimes the fun of it.

People can sign up at the meeting, also contact me at home 734-721-2821 or work 734-722-7620, or e-mail me at home.

~ Margaret



June Archaeology Dig: Gloria & Chip work in the pits.

SOLAR starts an e-group to keep in electronic touch!

SOLAR has started a new e-group to help members keep in touch via email. That way, only those members who WANT to get Solar email will get it... the rest will miss out! The new e-group is a great way to keep up on club news and events by getting a maximum of just one email a day that has all the latest news and information about the club, including:

- photos from Solar events
- information about upcoming Solar meetings, trips, classes, volunteer opportunities and service projects
- last-minute openings on Solar trips
- special sales available to Solar members - we get such short notice on most sales that we can't put them in the newsletter

- Solar Ray articles
- non-Solar events that might interest our club members
- astronomical events

To cut down on spam, adult material, or other inappropriate messages, only steering committee members can post messages and photos, so general members who have things to share will have to email it to a steering committee member first.

If you want Laura to automatically sign you up just send her an email

To sign up go to
<http://groups.yahoo.com/group/Solaroutdoors/>

-- Laura James



SIERRA NEVADA - PALISADE RANGE TRIP

May 25 - June 2, 2002

The most magnificent places of Planet Earth will never be observed from the window of a tour bus. Hiking for 10 miles up the North Fork Big Pine Creek Trail in the John Muir Wilderness of the Sierra Nevada exposed 7 SOLAR members (Rick Waller, Mike Backus, Patrick Meehan, Adam Pastula, Jacob Sams, Lori Seigmiller, and Janet Stevens) to the stunning beauty of the Palisade Range of Mountains. Base camp was established at 12,400' between Palisade and Thunderbolt Glaciers. Mt. Sill (14,621'), North Palisade (14,242'), Thunderbolt Peak (14,000+), the "U" and "V" Notches were all at our doorstep. This week long trip was highly successful with memories that will last a lifetime.

- Rick Waller

The attached photos are:

Above: Mike Backus & Rick Waller on the summit of North Palisade.

Below: A. J. Pastula in base camp with "U" Notch in background.





SOLAR CALENDAR

School for Outdoor Leadership, Adventure & Recreation



JULY ACTIVITIES

#	TUES	GENERAL MEETING	COLONY HALL		
3-7	HOLIDAY	CAESAR CREEK STATE PARK	Ohio	Tom Oloff	mcmountainman@yahoo.com
6	SAT	KIDS KAYAKING	Island Lake	Leslie Cordova	lesliegene@aol.com
13	SAT	MONTHLY BIKING**	Paini Creek Trail	Mag Webber	mwebber@netlife.com
14	SUN	FOSSIL HUNT (Kid Friendly)	Ontario	Stacie Kitchen	daydreamer07@yahoo.com
19-21	WKND	ROCK CLIMBING**	Rattlesnake, Ont.	Jim Gifix	(734) 513-9460
20	SAT	SPIRIT ADVENTURE RACE**	Brighton Rec. Area	Laure Albin	albinlau@msu.edu
20-21	WKND	ARCHAEOLOGY DIG	Rattlesnake, Ont.	Faul Piorkowski	faul.piorkowski@gm.com
27-28	WKND	CANOE TRIP	Manistee River	Laura James	laura4591@prodigy.net
				Tom Oloff	mcmountainman@yahoo.com

JULY CLASSES

12-14	WKND	ADVAN. B.P. QUALIFYING TRIP	N. Manitou	Mike Banks	slvwolfe52@hotmail.com
20-21	WKND	BASIC LAND NAVIGATION # 2	Burns Cabin, Pickney	Karl Overhual	cybemomad@backpacker.com
20-21	SAT/SUN	ADVANCED B.P. TRIP # 1	U of M	Mike Banks	slvwolfe52@hotmail.com

AUGUST ACTIVITIES

#	TUES	GENERAL MEETING	COLONY HALL		
9-11	WKND	ROCK CLIMBING**	Rattlesnake, Ont.	Tom Oloff	mcmountainman@yahoo.com
16-18	WKND	WYAN/MORENGO CAVING	Indiana	Laura Albin	albinlau@msu.edu
23-25	WKND	CANOEING**	DeFrance Cabin	Leslie Cordova	lesliegene@aol.com
				Woe DeFrance	modesfrances@aol.com

AUGUST CLASSES

9-11	WKND	PRIMITIVE SKILLS **	Eois Blanc Island	Glen Krueger	gkrueger@comcast.com
9-11	WKND	ADVANCED B.P. TRIP # 2	Ludington SP	Mike Banks	slvwolfe52@hotmail.com
24-25	SAT/SUN	ADVANCED B.P. TRIP # 3	Manistee River	Mike Banks	slvwolfe52@hotmail.com

SEPTEMBER ACTIVITIES

#	TUES	GENERAL MEETING	COLONY HALL		
6-8	SAT/SUN	ROCK CLIMBING**	Rattlesnake, Ont.	Tom Oloff	mcmountainman@yahoo.com
7-14	WEEK	BACKPACKING	Wind River, Wyo.	Laura Albin	albinlau@msu.edu
22	SUN	CANOE TRIP (Therapeutic)**	Proud Lake Rec.	Karl Overhual	cybemomad@backpacker.com
				Margaret Martin	Mlmpiuscat@cs.com

SEPTEMBER CLASSES

7-8	SAT/SUN	ADVANCED B.P. TRIP # 4	Pigeon River	Mike Banks	slvwolfe52@hotmail.com
27-Oct. 6	WEEK	ADVANCED B.P. TRIP # 5	Pukaskwa N.P.	Mike Banks	slvwolfe52@hotmail.com

OCTOBER ACTIVITIES

#	TUES	GENERAL MEETING	COLONY HALL		
5-6	SAT/SUN	24 HOUR ADVENTURE RACE**	Metro Detroit	Tom Oloff	mcmountainman@yahoo.com
				Lucas Osborn	lucas.osborn@nematrck.com

OCTOBER CLASSES

18-20	WKND	WOMEN'S B.P. WORKSHOP (part 1)	T.B.D.	Peggy Medved	meddsn@voyager.net
25-27	WKND	WOMEN'S B.P. WORKSHOP (part 2)	T.B.D.	Peggy Medved	meddsn@voyager.net
28-29	SAT/SUN	LAND NAVIGATION CLASS # 3	Burns Cabin, Pickney	Karl Overhual	cybemomad@backpacker.com

FOR INFORMATION ON JOINING THE SOLAR CLUB, CONTACT MARY PRICE (248) 477-7341 or VISIT WWW.SOLAROUTDOORS.ORG

IF YOU WOULD LIKE TO HELP PLAN AND/OR LEAD A SOLAR ACTIVITY, CONTACT PEGGY MEDVED AT (248) 390-3969 OR WWW.MEDDSN@VOYAGER.NET

SOLAR HAS A NO-REFUND POLICY. IF YOU ARE UNABLE TO ATTEND AN ACTIVITY YOU MAY SELL YOUR SPOT TO ANOTHER CLUB MEMBER.

**Denotes Non-Solar Activity (Solar will not be held responsible for these activities).



June Archeology Dig: Solarites unearthed lots of neat artifacts from the garbage dump (shown above), including a long, sharpened bone used as a hairpin, a large dog or wolf's tooth with one bone drilled in the end of it, and a large jawbone.

Kayaking Enthusiasts - Lake Michigan Challenge Grand Marais, Michigan - July 18 - 21, 2002

Sponsored by the Great Lakes Sea Kayak Club and supported by the American Canoe Assoc., sea kayak manufacturers and retailers, and the town of Grand Marais, the Symposium is designed to expand your knowledge of this unique and rewarding sport. This symposium, known for the high quality of its staff, brings together some of the world's most experienced sea kayakers to share their knowledge with you. It is designed to encourage kayakers to interact with these experts and deepen their appreciation of the sport. It also offers fun for everybody: trips to the scenic cliffs of Pictured Rocks, night paddling and bonfire, morning mist paddling in the harbor, a symposium dinner, wine & cheese party, lectures, seminars, on-the-water classes and a race. The symposium is also an ideal opportunity to try different types of kayaks. Many boats will be available for your examination and testing. Leading kayak manufacturers will exhibit and sell sea kayaks and accessories. For more info, check these websites out: www.watertribe.com or www.watertribe.com/lakemichigan

LET'S GET
HIKING!

WOMEN'S BACKPACKING WORKSHOP

PREREQUISITE: SOLAR'S BASIC BACKPACKING CLASS

(THIS WORKSHOP IS NOT INTENDED TO REPLACE ANY OF SOLAR CLASSES,
BUT TO ENHANCE SKILLS LEARNED FROM THE BASIC BACKPACKING CLASS)

DO YOU RELY ON YOUR HUSBAND OR BOYFRIEND TO DO THINGS FOR YOU WHILE YOU ARE BACKPACKING?
HAVE YOU LEANED ON YOUR FELLOW BACKPACKERS TO HELP CARRY YOUR OWN PERSONAL GEAR?
ARE YOU THE TYPE OF WOMAN THAT DOESN'T FEEL COMFORTABLE BACKPACKING ALONE?
EVER WONDER WHAT TO DO IF YOU ARE ON YOUR OWN DURING A BACKPACKING TRIP?
ARE YOU STILL NOT SURE HOW TO PROPERLY USE YOUR STOVE, TENT, OR WATER FILTER?

THESE ANSWERS CAN BE RESOLVED WITH A NEW COURSE BEING OFFERED TO SOLAR MEMBERS. IT IS A WORKSHOP THAT OFFERS HANDS ON EXPERIENCES. IT IS INTENDED TO GIVE WOMEN THE CONFIDENCE TO REALIZE THE STRENGTHS AND SKILLS THAT THEY ALREADY HAVE. THE WORKSHOP COVERS GENDER SPECIFIC INFORMATION ON EQUIPMENT, HYGIENE, COMMON INJURIES, SAFETY, STRESS, BUILDING SELF-CONFIDENCE, PLUS MUCH MORE. IT GIVES INDIVIDUALS A CHANCE TO PRACTICE THEIR BACKPACKING SKILLS. IN ADDITION THERE WILL BE GUEST SPEAKERS THAT WILL ADDRESS TOPICS GEARED TOWARDS WOMEN. THIS WORKSHOP WILL BE OFFERED AT THIS TIME FOR WOMEN ONLY, AND IT WILL BE TAUGHT BY WOMEN. THE CLASS SETTING WILL HOLD A MAXIMUM OF 16 STUDENTS TO ENSURE MORE INDIVIDUAL ATTENTION.

THE COURSE WILL BE A TWO-PART WORKSHOP. THE FIRST PART TAKING PLACE AT A LOCAL RECREATION CABIN. THERE HANDS-ON AND CLASS INTERACTION WITH INSTRUCTORS WILL TAKE PLACE. THE SECOND PART OF THE WORKSHOP IS A TWO OR THREE DAY PRACTICAL. THE PRACTICAL WILL FOCUS ON SMALL GROUP DYNAMICS. BEING PART OF BOTH THE WORKSHOP AND THE PRACTICAL WILL BE REQUIRED TO PASS THE CLASS.

COST WILL BE \$70 PER STUDENT, COVERING BASIC MATERIALS, CABINS, PERMITS, PARKING, AND MISC. ADDITIONAL INDIVIDUAL STUDENTS COST FOR THEMSELVES WOULD INCLUDE: FOOD, AND ANY EXPENSES NEEDED FOR THE PRACTICAL, SUCH AS GAS, LODGING, FOOD, ETC.

TO PRE-REGISTER CALL OR E-MAIL ME AFTER JULY 8, 2002, SINCE THE WORKSHOP IS LIMITED, FIRST PAY ROLL WILL BE IN EFFECT.

THE FOLLOWING DATES ARE THE MANDATORY DATES FOR THE TRIP:

WORKSHOP: OCTOBER 11-13
PRACTICAL: OCTOBER 25-27 OR OCTOBER 24-27

PLEASE CALL OR E-MAIL ME IF YOU HAVE ANY QUESTIONS
PEGGY MEDVED - MEDDSN@VOYAGER.NET OR (248) 390-3969



Open Hikes for Solarites and Friends

All summer long, we are having open hikes for anyone to attend. The hikes are every weekend. We will alternate Saturdays and Sundays, and alternate the locations between Pontiac Lake and Maybury.

The schedule is:
Every other Saturday - Hike at Pontiac Lake Rec Area in Waterford.

Every other Sunday - Hike at Maybury in Northville.

For more details visit the Solar e-group or email me.

- Laura James



June Kayaking Class: Roy Risk! lifting up his shirt to show off some leg. Wuu, Huu!

Monthly BIKING or PAINT CRACK TRAIL

NEXT Dates: July 13th (Sat.)

July 21st (Sun.)

Aug 10th (Sat.)

Time: 10:00 AM

Miles: 16 Miles total, 8 miles to Lake

Orion & 8 Miles back to Downtown Rochester.

What to Bring: You & a Bike of course! Cash for Lunch at Soro's in Lake Orion.

Email me or call me for the meeting place:
daydreamer07@yahoo.com or (586) 212-2335

See you there, Stacie Kitchen



SOLAR is a non-profit club with 400 plus members dedicated to the intelligent enjoyment of nature and outdoor pursuits.

Membership is only \$40 a year per person (\$55 per family) and includes discounts to a number of retail outfitters, access to club-owned equipment, a monthly newsletter, and a chance to meet hundreds of other like-minded adventurers drawn together by a common love of pristine lakes, breathtaking vistas, virgin forests and scenic shorelines, and the experiences to be found there.



SOLAR Steering Committee

<i>President</i>	Tom Oloffe	<i>Equipment</i>	Carol McCrie
<i>Vice President</i>	Tom Hayes	<i>Historian</i>	Denise Kordie
<i>Secretary</i>	Cindy Taylor	<i>Membership</i>	Mary Price
<i>Treasurer</i>	Reggie Hayes	<i>Programs</i>	Pam Reihl
<i>Activities</i>	Peggy Medved	<i>Pub. Relations</i>	Laura James
<i>By-Laws</i>	Gloria Fontaine	<i>Solar Ray</i>	Stacie Kitchen
<i>Education</i>	Harry Price	<i>Web Master</i>	Roger James

At Large: Mike Barks • Moe DeFrance • Al Fylak • Steve Gardner
Bill Halvingis • Cindy Harrison-Felix • Doug Lanyk • Larry Martin
Joan Ryan • Leslie Cordova • Joan & Bob Westbrook

SOLAR Meetings are generally held the first Tuesday of every month in Southfield at the Colony Hall, 21780 Evergreen (between 8 & 9 Mile Roads) at 7:30 pm. Visitors can come for FREE.

SOLAR RAY is a monthly publication of SOLAR and is sent free to current dues paid members. If you change your address please tell the membership chairman, Mary Price, hmprice@ameritech.net.

Submission Guidelines:

Articles must be 500 words or less or depending on the room available.
SOLAR events have priority over non-club events; events in the next 2 months have priority over other events.
Please submit all articles and photos w/ **SOLAR RAY** in the Subject line if e-mailing (original Photo/Art, Microsoft Word, PDF, JPEG, TIFF, EPS, and or IMAGE files) to:
Stacie Kitchen, 45064 Utica Green East, Utica, MI 48317 or call (586) 212-2335
email: daydreamer07@yahoo.com or capnher32@aol.com

NEXT ISSUE DEADLINE: SUNDAY, JULY 21st
NO submissions will be accepted after that date

CLINE & LESLIE CORDOVA
14520 BORGMAN
OAK PARK, MI 48237

**THE SCHOOL FOR OUTDOOR LEADERSHIP,
ADVENTURE & RECREATION**
P.O. Box 2438
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