



# BEARING 315



The Newsletter of Orienteering in the Pacific Northwest

March, 1994

## Washington College Championships

by Mike Schuh

Inspired by the success of Eric Bone and the UW team at last year's US Intercollegiate Championships, I suggested that Cascade OC host a state intercollegiate event this year. This was accepted by the COC board, especially when I said I would be the meet director. The date was set to follow the WIOL championships and to be a month or so before the national championships. Lake Tradition was chosen as being most suitable, with challenging terrain and a large area.

Intercollegiate scoring was derived from the national rules, with several simplifications: the Washington State event would be just one day instead of two, both men and women would be on the same course, team scores would be the total time of the fastest three finishers from each school, and anyone attending a Washington State post-secondary school full time would be eligible.

There were 14 participants from six schools. To no one's surprise, the UW team, comprised of half of last year's national champion team, took the first three places and the team title. As no other school had three finishers, second place went to Western Washington University, the only school with two finishers. Third place went to Pacific Lutheran University.

Among the individuals, Rune Hoel edged out Eric Bone for the men. For the women, Lisa Nordlund and high school class mate Ellen Boomer (now attending different colleges) were the only entrants with Lisa, a top WIOL participant a few years back, getting to the finish faster.

Of the 14 participants, four (Eric, Tyler, Lisa, and Ellen) are WIOL "alumni". Dan Waugh, ever the promoter of orienteering (and founder of WIOL) brought out four members of the UW's Russia and Eastern Europe program. And, to round out the international flavor of the proceedings, there were three Norwegian students as well—Rune, Kjell, and Harald.

All in all, the meet went quite well. The team and women's competition might not have been keen, but this is the first year for this event, and I hope that it grow in the future. My thanks to all who took part and to the meet staff: Dave Petty, registration; Marti Anderson and Terry Loving, timing; Jackie Ritmire, course 1 design and setting; Neil and Lael Smith, courses 2 and 3 design and setting; Bruce McAlister for providing refreshments; Debbie Newell, awards and vetting; Fred Schmitt, vetting; and Eric Bone, Bill Cusworth, Rune Hoel, Lisa Nordlund, Joseph Ho, Seth Brothers, and Jackie Ritmire for picking up markers. Thank you!

## 1994 WIOL Championships

by Mike Schuh

The Twelfth Washington Interscholastic Orienteering League Championships were held at Seattle's Seward Park on February 12<sup>th</sup>. Competition was keen on the A course, and on the B course as well. Bremerton High School took the team honors, partly due to their large numbers (a bus load...) but also to Terry Bryant's coaching.

Last year's champions, David Thatcher and Rachell Tharp, were both seniors, leaving this year's title open. This year's boy's championships did seem to echo last year's, however: Nicholas Bone beat Fred Schmitt, both ahead of Chris Schreiner and David Stainsby (last year, David placed ahead of Chris). That was on the A course. On the reinstated B course, rookie Chris Hooyman blew past everyone and won with a margin of nearly seven minutes. Second place Randy Coe improved mightily from last year and finished more than a minute ahead of teammate George Alina.

For the girls, Maia Wright was the only one to attempt the A course, earning her the title of champion

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(she placed in the middle of an otherwise all male field). On the B course, Joan Maza was the first girl, placing fifth overall. Christine Matter and Kari Jones took second and third, with Kari having just 30 seconds over teammate Heather Daniels.

For the middle school students, Derek Schmitt repeated as champion. Second was Lael Smith, and Nathan Schmitt was third. Last year, Lael ran in a public category on the same course as the Nathan, but not quite as quickly. Sadly, this year Nathan copied the wrong set of control codes onto his control card, and lost a lot of time on the course. On the bright side, both Nathan and Lael are seventh graders, so they can look forward to five more WIOL championships and, presumably, a few rematches.

No girls took part in the middle school competition.

The only time Angela and Nicholas Tallent took part in WIOL events this season was at the championship where, uncontested, they became the grade school champions. Last year they finished in a tie; this year Angela (a former national age group champion) was faster than her little brother. I suspect that she won't be able to do that too much longer...

There were a few problems at the championships. The worst was Chris Hooyman getting a B course map instead of one for the A course. I allowed him to run the A course later (which he completed in about 41 minutes, two minutes better than Nicholas Bone), but upon reconsideration decided that this wouldn't be fair to the others who competed on the A course. A true sportsman, Chris accepted first place on the B course—and he'll be back next year as a senior.

There was some confusion as to which course was for which participants; next year we will try to be more clear about this (Nathan Schmitt's problems were a result of this). Another problem came from the design of the WIOL B course. The best route to control 1 passed near control 5, which proved to be too great a temptation for a couple of participants. At control 3 on the B course (which was control 5 on the A course) control cards were checked and two competitors had visited controls out order, which is against the rules. A slight change in the design of the course might have prevented this problem.

In general, the event was a good one, and I would like to thank the many individuals who helped make it so: assistant meet director Paul Magnus; mappers Bill Cusworth and Eric Bone (Eric, 1991 and 1992 WIOL champion, also designed and set the courses); starters Marti Anderson, Walt Estep, and Toko Magnus; finish crew David Keyes, Toko Magnus, Mark Howlett, Rick Hood; registration workers Aaron Charlop, Harvey Friedman, and Jim Ley; awards by Debbie Newell; WIOL registration Ardis Dull and Mark Anderson; refreshments by Bruce McAlister; and general assistance by Rick Hood, Tric Charlop, and Margie Bone. I hope I mentioned everyone...

Thank you everyone, and we'll see you in November for next year's league!

## Team REECAS Stuns Sports World

"No Dan O'Briens here!" shouted Paul McClung as he vaulted over a moss-encrusted deadfall and disappeared into a swamp, while leading Team REECAS to stunning near upset of the national champion UW Husky Orienteering team in the Washington Intercollegiate Championship. The REECAS team came out of nowhere in the narrowest finish since the inception of this classic event, with McClung followed by closely by Ben Hanson, Dobek Pater and Rob Smurr.

The medal winning performance was especially satisfying, in the view of the fact that the main opposition, the Husky team, not only fielded the defending national intercollegiate champion but had added a Norwegian ringer, who eked out a win on the 5-kilometer course on the Lake Tradition plateau above the once sleepy town of Issaquah.

When interviewed by CNN after the competition, the team coach, Dan Waugh, who also ran, lauded his runners. "They're compete on a level of those with years more experience," he said, "and in rough terrain." Elaborating, with reference to his patch and torn orienteering suit, gaping scratches in his thighs and muddy ankles, Waugh went on, "Orienteering is like a metaphor for being a program chair at a university—a struggle with limited resources, thorny problems, and a lot of s--t. If it weren't for the inspiration of this outstanding group of graduate students..."

Team REECAS has truly an uphill fight in its quest for the championship. Recalcitrant meet officials tried to award its medal to another school whose "team" consisted of one individual. Worse, one of the team's outstanding performers, Lorca Fitschen, was sidelined by an end-of-quarter term-paper assigned by an East European Historian notorious for his demands on students. When reached at her home, Lorca commented, "It was like a well-aimed blow to the knee with an aluminum truncheon. I kept asking, why me, why me? Why now?" Rumor has it that the professor in question is in the pay of the Husky varsity, which would, it appears, go to any lengths to assure its victory.

In a related development, the Jamaican 4-man bob-

### Submission Guidelines

Bearing 315 welcomes submissions of articles, letters, or photographs about orienteering. If you would like your submission returned, please include a self-addressed envelope. The submission deadline is the 23rd of each even month for the issue to be mailed on the following 1st. Submissions should be mailed to:

Bearing 315  
c/o Peter Golde  
14422 NE 42nd Pl. #801  
Bellevue, WA 98007

If possible, please submit on an IBM or Macintosh diskette, or submit via electronic mail to [petergo@microsoft.com](mailto:petergo@microsoft.com). If you use a word processor (preferred), please submit in Microsoft Word, WordPerfect, MacWrite, or RTF format; plain text format is also an option. Meet directors, please send meet results to Debbie Newell for compilation.



sled team defeated the U.S. sled in the final day of the Winter Olympics at Lillehammer, Norway. Reportedly, hot runners had something to do with the Americans' demise. According to eyewitnesses in Kingston, sports fans briefly rioted when television transmission of their triumph was interrupted by reportage of the Team REECAS victory at Issaquah. Network officials insisted that their decision had been justified: "We go with the new that's important, since we know that is what they want in the bars in Montana."

*[REECAS stands for Russian, East European and Central Asian Studies. Three of the students on the team (Paul, Ben, and Dobek) are M.A. candidates in that program in the Jackson school of International Studies at UW. The fourth, Rob, is a graduate of the M.A. program and is currently a Ph.D. candidate in Russian History.]*

## Jefferson State O.C. Holds First Meet

by Mike Schuh

JSOC held their first "real" orienteering event on March 5 at Bear Creek Park in Medford. I went to Medford earlier in the week to make the map and help organize the event. The area is about the size of Woodland Park and is a flat city park alongside Bear Creek, a tributary of the Rouge River. It is mostly open fields, with some forest (also open) and some blackberry thickets along the creek. Just about perfect for an introductory event.

Dan and Terry Miller obtained an excellent base map from the city's engineering and parks departments (1:1200 with 2 foot contours, showing paths, vegetation boundaries, light poles, man holes, and most buildings—one was asked if I merely colored it in). I was out mapping at 1:30pm on Wednesday (just 11 hours after arrival), and—after some self induced delays involving an incorrect file format—I had 50 color copies of the OCAD produced map and in my hand at 6:05pm Friday.

I gave an informal talk Thursday evening to a small but enthusiastic group, and had several meetings with key club members. Among them, Allyson Kelley called the various media to get some publicity. The event was listed in the Medford paper, and was on at least one television station.

Twelve people came and tried the two courses that I set out, including the meet staff of Allyson, Dan, and Terry. Of note was the appearance of Joe Hallet from Powers (in case your map of Oregon does not show Powers—a strong possibility—let me tell you that is west and then north from Grants Pass, some two hours away). The Medford locals were amazed and impressed that someone would actually drive for two hours—each way—just to run around a city park for a few minutes. Heh, soon they'll be doing the same, driving to Portland or the Bay Area for a one day orienteering event... Anyway, everyone was enthusiastic and plans were made for the next event, to be held in

Bear Creek Park during Medford's Pear Blossom Days in early April.

After the meet, Dan, Terry, and I examined a nearby county park with an eye towards mapping it (I encouraged them to do so), and then drove to Ashland to do some quick field checking of Lithia Park. World famous, the park attracts some half million visitors every year. The park is immediately adjacent to Oregon Shakespeare Festival's Elizabethan Theater and makes for a pleasant stroll before or after a play. While the park might not make for the greatest in urban orienteering (it's long and skinny), I think it would be an excellent venue for a permanent course ("Trim" course), with the maps available from merchants in the plaza across the street from the park. We'll see what happens...

I enjoyed my all-too-brief visit to Medford, and would like to thank my hosts Dan and Terry for their hospitality, assistance, and enthusiasm. Thanks go to Allyson Kelley for her efforts, and to Brad Prior for obtaining a base map of Lithia and arranging a meeting room.

## Orienteering Class

Mike Schuh will teach an introductory class on orienteering through the ASUW Experimental College. The class will be held at Discovery Park and will include outdoor exercises. For information regarding registration for the class, please call the Experimental College at 543-4375 (course number 4164, "Orienteering for Sport and Fun"). Mike may be reached at 783-3960. The class will begin Sunday, April 17<sup>th</sup>, and will continue Sundays through May 7<sup>th</sup>. There will be two sections of two hours each: one beginning at 10:00am, the other at 12:30pm. Tuition \$20, less for seniors, students.

The same class will be offered through the Lynnwood Parks Department on Saturdays, beginning April 16<sup>th</sup>, from 10:00am until noon. At Lynndale Park; \$22. Information: 771-4030

### Class outline

- I—introduction, map symbols, what to do when lost, map walk
- II—map symbols review, line O' course
- III—compass, pacing, compass course
- IV—route choice, basic tactics, novice course, what next...

## Orienteer in Spokane on Bloomsday Weekend

If you are going to Spokane for the Bloomsday Run May 1, you may want to take in an orienteering event at Manito Park on Saturday afternoon, April 30. Manito is a city park 1:5000 color map. The fee is \$3 for members of any orienteering club. Registration will be from 1:00 to 3:00 p.m. To get to the park if you are eastbound on

I-90, take the Maple Street exit, go straight ahead at the bottom of the exit ramp and follow 4th Avenue (which runs parallel to I-90) east to Stevens, turn right (south) onto Stevens and get in the left lane for Grand Blvd. and follow Grand to the park.

## Orienteer Involved In Rescue

by Mike Schuh

A truism in life is that we never really know what each day will bring—this serves to keep life interesting. On Saturday, February 26<sup>th</sup>, the day before the Washington State Intercollegiate Championships, I was expecting to meet Neil and Lael Smith at Lake Tradition to finish designing and setting the intermediate and advanced courses. What neither I nor about two dozen others did not expect was to be involved in a life saving rescue.

As Neil, Lael, and I were sorting through control markers at about 2:15 and preparing to leave the end of the road, a somewhat frantic teenage boy (Eric), ran by asking if anyone had a phone. A passerby did, and as we helped Eric place a cellular phone call to 911, we learned that his hiking companion (Kari, age 16) had fallen down a rock face and couldn't move. Two other hikers (Jim and Doyle), who were just preparing to set out on a day hike, offered their assistance. At my suggestion, Neil and Lael set out to place the markers on their courses. I called Neil later to tell him what happened.

(I should pause here in my narrative to share a bit of my background, as it is relevant to what follows. During my high school years, I took part in Explorer Scout Search and Rescue. This included my earliest introduction to off trail travel with map and compass (not quite orienteering, but vaguely similar), team leader training, a week at an Air Force survival school, other useful training, and many rewarding experiences. I also have a pilot's license, have taken several first aid courses, and have some rock climbing experience.)

Talking with Eric, Jim and I figured out that Kari was near a rock face 100+ meters east of the Talus Caves. Giving Jim and Doyle a copy of the Lake Tradition map, I sent them up the West Tiger Trail (it forms the eastern boundary of the map) with instructions that if they found her, one was to stay with her while the other came back down the same trail. This would save time for rescue teams later as they would not have to look for her. Shortly after they left (and less than 10 minutes from the phone call), an acting Battalion Chief (Kevin Taylor) from King County Fire District 10 arrived in a command van. He was followed in short order by a county aid van, another one from the City of Issaquah, and a county ladder truck. Why a ladder truck? Because it had a stokes litter, and neither of the aid cars did. I was impressed when the Issaquah medics pulled out of their van a pair of backpacks equipped with sleeping bags, food, water, oxygen bottle, and medic kits. It was after 2:30.

I rode to the trailhead shelter with the firefighters and Eric. At my suggestion, Eric led the two Issaquah medics up the Caves Trail. Now named Nook Trail, it is the most direct route to the Talus Caves and is the trail with which Eric was familiar. I led the five other firefighters up the West Tiger Trail, in part to meet Jim and Doyle and partly because, as an old road, it was the easiest route to carry the litter. Before we left I gave copies of the map to Eric and the Issaquah medics and left one with Chief Taylor (why not? I had a handful of them with me).

As my group approached the site, we were met by Jim and Doyle who confirmed the location and reported that a doctor hiking in the area was with Kari along with a few other hikers. We reached her at the same time that the medics did, and they got to work quickly and professionally. It was now after 3pm, or more than an hour since Kari had fallen. The medics' initial assessment was wrist injury, possible back injury, several lacerations, hypothermia from laying in the mud, and shock. Her vital signs were strong, and she was conscious the whole time. After securing her head in a neck brace, checking her over, and removing her wet clothes, she was placed inside a sleeping bag in the litter.

While the medics worked, I discussed with Kevin Jones, the firefighter in charge, what to do next. On the radio we could hear Chief Taylor first asking their dispatcher for an airlift and then giving us estimates of a helicopter's arrival time. With Kevin's concurrence, I asked Jim, Doyle, and another hiker to start a smoky fire, the idea being to give the helicopter crews an aid in finding us.

The chopper arrived at a little before 4:00. Earlier I had provided Chief Taylor with our position relative to Lake Tradition, the biggest landmark in the area ("1500 yards"—I could have said meters, it was an Army chopper after all—"on a bearing of 160"—all aircraft have magnetic compasses in them. I found out later that "1200 meters at 140" would have been more accurate). This and the fire must have helped, because after an initial pass along I-90, the chopper came straight to where we were. I had coached Kevin Jones on how to talk the chopper directly to us—"11 o'clock, 200 yards", meaning ahead of the pilot and to the left. Shortly, a flight medic specialist (Craig Davison) was lowered down to us. While the chopper hovered directly above, the firefighters and hikers working on Kari huddled over her to shield her from the 100 knot prop wash, which was cold and knocking branches loose (one large one just about hit the flight medic and me while we were figuring out where to lower the airlift's litter).

Under Craig's direction, we moved Kari down the hill to where she could be hoisted by the chopper, a site dictated by openings in the forest canopy. I assisted in setting up a rope arrangement that was readily understood by the other climbers in the group, primarily the doctor who handled the upper belay. During this time, the chopper set down to save fuel, doing so on the High



Point Road, gumming up otherwise normal Saturday afternoon hiker traffic (the High Point trailhead is one of the most popular, not just in Washington State, but in the nation). After Kari had been transferred to the airlift's litter (but still on the county's backboard, which made the transfer easier), we called the chopper back and she was hoisted away, at about 4:30. It was quite a high for me, and I imagine for the others, to see her being pulled into the chopper door and to see the chopper head for Harborview Hospital.

I figured out later that Kari was in the clean, dry, warm emergency room in under 12 minutes, or before we had climbed back up to the trail where she originally lay, to say nothing of packing everything up and walking back down the hillside.

As we were leaving the site, members of Explorer Search and Rescue and Mountain Rescue arrived. Incredibly, they were not called until an hour after the initial call. Among them was Doug Caley, who has worked with Cascade OC in supporting some of our bigger meets with standby ESAR first aid crews. Coincidentally, one of them was the 1992 WIOI championships at Lake Tradition! They got to the scene just in time to watch Kari get hoisted up through the trees and spirited away. Had the airlift not been possible, they would have helped us carry her down the trail.

When I got back to the trailhead, I complimented my fellow rescuers on their efforts. It was 5:40, and I still had not set out any markers for the event the next day. But my thoughts were on how Kari was doing. An article in the March 12 Bellevue Journal American reported that Kari was hospitalized for four days, had metal rods implanted in her back for crushed vertebrae, wears a cast for a broken wrist, and—while recovering rapidly—presently has difficulty walking. It sounds like she will pull through very well.

Those of us involved at the scene reflected on how luck played a big part in her rescue. When she fell, she came to rest near a trail, which proved to be very convenient. It was a place that Eric could describe well enough to Jim and me that we had confidence in her location, which helped plan later efforts. The weather was dry, though cool, and there were several hours of daylight remaining. The trailhead was within cellular phone range (there is a pay phone at the restrooms, but few hikers know it is there), and a cellular phone was available. Many hikers in the Seattle area have first aid training and travel prepared for emergencies (true elsewhere, I'm sure) and a doctor was nearby. The various agencies involved—King County fire, Issaquah fire, Army MAST, Department of Natural Resources, ESAR, and MRC—have the ability to share radio communications, which was most important when the chopper was trying to find us among the trees. How many outdoor accidents are not so lucky? Wet as she was from landing in a creek, it is questionable if Kari would have survived the night.

After things quieted down, I decided that I needed to place at least a few markers. With the gate open, I

made arrangements with Chief Taylor regarding locking it, and drove to the west end of the plateau. There, in what little light was available from the city lights, I put out two markers, one on a spur that Debbie Newell, who vetted the course the next morning, noticed was misplaced (she moved it—thanks!). As I drove to place one more, I thought about what I was doing and what I had just experienced earlier in the day. I decided that walking alone in the dark without a flashlight while exhausted and with no one knowing where I was going was not particularly smart. I drove home, belatedly finished the course design on paper, and slept soundly. Up early, I hung the last four of my markers, having decided to "borrow" some controls from the other courses. It seemed to work out OK, but it would have been a better course (perhaps) if I had been able to walk around Saturday afternoon...

There are several lessons from this experience. The first, I think, is to be prepared for and contemplate the unexpected. How many of us, as we go out to set courses or to field check, seriously consider the possibility and consequences of injuring ourselves? Knowing where we are on the map can give us a false sense of security, which can lead to stupid actions. I can remember the first time I set courses at Drunken Charlie Lake (on a black and white map in 1984)—no one really knew I was out there, much less exactly where I was. If I had fallen...

On the positive side, there are a lot of really wonderful hikers out there who are willing—and able—to contribute valuable assistance in an emergency such as this. Orienteers of all ages, but especially high school boys and girls, can contribute their navigational abilities. One way for students to do so is to join ESAR (adults are also welcome). For more information on ESAR, call 296-3833. I gained a lot from my involvement with ESAR, and I would encourage others to consider joining and going through the training. Hopefully, it will rarely be needed.

## Membership Report

*by Aaron Charlop*

Hello all. This is my first report since taking over the job of Membership Coordinator from Harvey Friedman. I wish to start this report with a note of thanks to Harvey for all his help in getting me situated in this position. I would have been lost with his help.

We have taken the change of coordinators as an opportunity to institute a few changes in the way that the membership database is kept. Most of the changes are invisible to you the member, but it is hoped that they will make the management of the database more efficient. The major change has been that the database has been changed from being in dBase on a CP/M machine to being a Filemaker Pro file on a Mac. We have also added some new fields to the database. For instance, the database has a field for the electronic mail address of members who have access to computer mail networks. Below you will find a list of E-mail addresses

for several members. If you would like your electronic address included in the database, send an e-mail message to me at the address listed below.

Many of you will notice another change that has been instituted with this issue of the newsletter. For those members whose membership has expired there is a brightly colored insert in your newsletter informing you that this will be your last newsletter until your membership is renewed. The insert contains a membership application that has the current database information already entered into it. All that is needed is for you to make any necessary corrections and mail the insert to the club with a check to renew your membership. Also, all labels on the newsletter indicate the date when your membership in COC expires.

Now to thank all the renewing members of COC, Don Atkinson and Family, Mark Bingham and Family, the Croteau Family, Ardis Dull, Larry Farrar and Family, Rick and Linda Hood, Ken Knapp and Family, Michael Mahoney, Boy Scout Troop 398, Robert and Sandy Miller, Carl and Linda Moore, John Nitavdy, Knut and Ralph Olson, Walbridge J. Powell, Michael L. Schuh, Roger Sharp, Neil Smith and Family, and Ross Stevens.

We would also like to welcome several new members to COC; Edwin Armistead and Family, Ann Brooks, Ron Brown, Charles and Lynn Butler, Jim and Rhonda Gorgan, David Korthals, and Terry Loving.

Here is the promised list of e-mail addresses that are currently in the membership database:

Aaron Charlop	charlop@u.washington.edu
Eric Bone	ebone@u.washington.edu
Bill Cusworth	bill13@u.washington.edu
Harvey Friedman	fnharvey@u.washington.edu
Rich Hood	71753.2332@compuserv.com
Paul Magnus	magnus@npl.npl.washington.edu
Michael Schuh	schuh@halcyon.com
Peter Golde	petergo@microsoft.com
Ardis Dull	ardis@u.washington.edu

## WSOA honors top WIOL runners

The Washington State Orienteering Association has granted to the top boys and girls in this year's Washington Interscholastic Orienteering League memberships in local clubs and in the United States Orienteering Federation. Selection was based on their placing in the championships and their season standings, as well as their perceived level of interest and promise in orienteering. Besides getting Bearing 315 and Orienteering North America, their memberships will give them discounts at local orienteering events and at national Class A meets. It is hoped that this will encourage them to continue their involvement with the sport, and help them improve their skills. These individuals (along with George Alina and Crystal Rollings) will also be recommended to the USOF national team for inclusion on the national development squad. Congratulations to:

Fred Schmitt	Maia Wright
Chris Hooyman	Christine Matter

Chris Schreiner \*  
David Stainsby  
Eric Riggers\*\*  
Matt Ley  
Randy Coe  
Nicholas Bone\*\*

Joan Maza  
Blythe Oraker  
Kari Jones  
Heather Daniels  
Lillyann Estvanik

(\*already a club member, \*\*already club and USOF member)

## Sammamish News

Dave Lilly

- SAMM's "in the works department" includes looking into some updating of maps, possibly with a grouped press run this summer. Pioneer Park and Luther Burbank Park on Mercer Island, and an expanded Robinswood Park in south-east Bellevue, are the projects we're considering. We have yet to delve into "O-CAD" in a big way, but are researching purchasing a copy for club use.
- I feel the need to editorialize about meets. I'd really like to see more people getting out there and helping put them on. It can't be said enough. We have a local core group that does 90% of the work involved in putting on meets. It would really help if every club member could volunteer to do something at least once a year. We can't hope to hold A-meets, or other large functions, if we can only rely on a few people who have always done everything.
- For the rest of the seasoned orienteers, I find we can be an ornery lot. Lets keep are criticisms constructive and not destructive. Course setters need feedback, but lets make this a useful interface of information. We beg people to take on tasks, and then use it as a chance to whine about a bad performance. Let's cut these tenderfoot course setters a break.

## Field Notes

Rick Hood

- Rick & Eileen Breseman are building a new home in Malbey on a 5 acre parcel. Rick has been doing much of the logging and is offering anyone, "cut, unseasoned, ready-to-go" firewood. Give Rick a call for driving instructions. (Is there a micro-O map and event in the works, a la the Fritz course of last summer; stay tuned.) Also with Ryan & Kelsey Breseman and Ben and Peter Sprugel training hard can a national string-O champion from Washington State be that far off?
- Cascade's Sept. 10/11 Cle Elum meet has been upgraded. On Saturday, there will be the first ever official US Short Course Championships which will consist of two sub-events, one in the late morning and the other in the afternoon. Each sub-event course will be about 1/3 to 1/2 as long as normal course. Your times for both sub-events are com-



bined to determine your finish standards. We are please to announce that participants will earn A-meet USOF ranking points, not just credit days. On Sunday, Cascade will offer a traditional A meet including a brown (or short distance advanced) course and quite possibly a Elite course too (a super Blue course, if you will). Course designer Peter Golde, course vetter Rick Breseman, and course consultant Mike Fritz are excited; we hope you are as well.

- The third annual Drunken Charlie Lake Rogaine, slated for May 14 will be run much like last year's successful team event. The 6 hour course will open at 11am and run through 5pm with the 3 hour event having starts options on the ½ hour from 11:30 through 1:30. To add some freshness to the event a new event design team of Paul Magus and Bill Cusworth will work with some of the old guys (myself as MD and Aaron as chief grill chef.) So start lining up your partners now for the DCL classic. The event fee of \$10 will include post-race food.
- We will try to hold our trail and natural bridge building project in June, close to national trail day. We will announce the date in the next issue and we hope you will join us and help demonstrate that orienteers do more than just run in the woods.
- Sammamish's Bob Reddick, was featured in the current International Rogaine Federation Newsletter. Bob and Pat Reddick also hosted Peter Taylor, the IRF president, last month for a few days, showing him the sights and some "potential super Rogaine terrain" down by Mt. Saint Helen.
- Speaking a famous and Sammamish folks, John Rogers and his '93 Mountain Goat Event received a very nice write-up in the current Orienteering North America. A very well deserved congratulation John!
- The Alpine Trails bulletin board served the orienteering community well during the previous year, providing news about local and national orienteering events. Unfortunately, it has now shut down for at least the next six months.
- The US Champs in Alaska is just around the corner (time-wise and travel-wise, especially if you check with our "Air Travel Discount Chairman, Bruce McAlister). It should be a super 3 days of A meets with a Rogaine on the following Saturday. So, don't miss this one if you can and help us support Dan Ellsworth and our Alaskan Pacific Northwest Regional family.
- OK, you don't want to fly and are looking for a fantastic event, drive up to the Kamloops area for the 1<sup>st</sup> ever North American Rogaine Championships. Like last year they will have a full 24 hour course and a split 12 hour option. (Both options start at noon on Saturday with the later stopping at 8pm and restarting at 8am on Sunday.) OK, if you

haven't been to Kamloops for a Sage Rogaine before, you are really in for a treat!!! See what I mean; drive or carpool up with us for the Sage club McQueen Lake event this April 1-4, just around the corner. If you haven't been to Kamloops, some would say you just haven't orienteered on "friendly and exciting terrain".

- Vivien Fritz said don't be surprised to see some new faces at the upcoming Cascade Farrel McWhirter Park meet March 27<sup>th</sup>. The event is being co-sponsored the Redmond Parks and Recreation Department; announcement, the P&R booklet, went out to everyone in the greater Redmond/Woodinville area. (If you would like to help insure that newcomer have a great first experience, I suspect Vivien would love your help; call her at 481-5877.)
- And a "best-of-luck, but doubt-that-you'll-need-it" to the Husky Orienteering Club who are going back east in early April to defend their Intercollegiate Championships. Much success everyone!!!
- Lastly, hats off to Mike Schuh and Ardis Dull and the rest of the 1993-94 WIOL staff; it was indeed a successful season. Don't take my word, just ask those than ran. Here's looking forward to another super next season.

### Where and what are these Orienteering Clubs?

Cascade Orienteering Club, Sammamish Orienteering Club, Ellensburg Orienteering Club, Sacajawea Orienteers, and Husky O.C. are independently administered non-profit organizations chartered by the United States Orienteering Federation. Sammamish primarily operates in the east-side (Bellevue and Redmond) area, while Cascade (the largest club) operates in the greater Seattle area. Ellensburg is centered in that town, and Sacajawea is based in the Tri-Cities area. Husky Orienteering is for University of Washington students, faculty, and staff. Cascade and Sammamish clubs hold orienteering events throughout the year in the Puget Sound area, and eastward into the Cascade Mountains; the other clubs hold events in their areas. Membership is open to everyone, and entitles you to event discounts, club voting rights, and includes a subscription to Bearing 315, published six times per year.

### What equipment do I need?

The only requirement is a compass. The best kind is a protractor-type with a clear plastic base so that you can see through it to the map underneath. Compasses are available for rent at orienteering events if you don't own one. At each event you will receive a detailed topographic map of the area, usually produced specifically for orienteering by the club. Long pants (light nylon is best, but jeans will do) and long-sleeve shirts are recommended because of sometimes dense underbrush. Jogging shoes or lightweight hiking boots are preferable; your feet may get wet and muddy, so a spare pair socks and shoes are nice. Bring a watch so you can keep track of the time.

### COC Officers and Coordinators:

Margie Bone	President	634-2279
vacant	Vice-President	
Sandy Kish Miller	Treasurer	782-1437
Ardis Dull	Secretary	364-4062
vacant	Event Coordinator	
Debbie Newell	Mapping Coordinator	488-7471
Aaron Charlop	Memberships	440-1497
Don Atkinson	Equipment	488-0270
Eric Bone	Training Coordinator	634-2279
Peter Golde	Newsletter	883-3732
Mike Schuh	Executive Board	783-3960
Paul Magnus	Executive Board	821-6862
Bill Cusworth	Executive Board	322-6693
Jim Siscel	Trim Course Coordinator	778-7202
Mark Anderson	Publicity and Promotion	286-9136

### Sammamish Officers and Coordinators:

Dave Tallent	President	392-3061
John Sincok	Vice President	822-3621
Valerie Enger	Treasurer	822-6254
Dave Enger	Mapping Coordinator	822-6254
David Lilly	Newsletter Coordinator	454-4136
Kathy Trost	Memberships	271-5508

### Orienteering Club Membership Application

- ☐ Cascade O.C.      ☐ Sammamish O.C.  
☐ Ellensburg O.C.      ☐ Sacajawea O.C.

Name \_\_\_\_\_

Address \_\_\_\_\_

Home phone \_\_\_\_\_ Work (opt.) \_\_\_\_\_

E-mail \_\_\_\_\_

Family Members \_\_\_\_\_

Optional Information:

Occupation \_\_\_\_\_

Orienteering Experience \_\_\_\_\_

Special Interests \_\_\_\_\_

Orienteering Interests (circle):

- Event Participation    Improving Skills    Writing    Teaching  
 Event Organization    Map Making    Publicity    Coaching  
 Course Setting    Field Checking    Exploration of new areas

- ☐ Family or Group      \$15.00/year  
☐ Individual      \$10.00/year  
☐ Associate (under 18)      \$5.00/year  
☐ Newsletter only [COC only]      \$6.00/year

Mail this form, along with payment, to one of:

Cascade Orienteering      Sammamish Orienteering  
 P.O. Box 31375      P.O. Box 3682  
 Seattle, WA 98103      Bellevue, WA 98009

—OR—

—OR—

Ellensburg Orienteering      Sacajawea Orienteers  
 c/o Will Sperry      c/o Elis Eberlein  
 1006 N. Water St.      520 Meadows Drive S.  
 Ellensburg, WA 98926      Richland, WA 99352

### Other Clubs:

Elis Eberlein, President Sacajawea O.C.	(509)627-0378
Will Sperry, President Ellensburg O.C.	(509)925-4816
John Beck, President Eastern Wash. O.C.	(509)838-7078
Terradan Landchild, Columbia River O.C.	(206)696-9486
Eric Bone, President, Husky O.C.	(206)634-2279

### Event Fees

Event fees are charged on a per-registration basis: two people running together with the same map and punch card pay a single fee. Additional maps are available; the charge varies depending on the map. Fees vary, but the following are typical fees for local ("C") events with color maps. "A" and "B" meets, state championships, rogaines, and other events will cost somewhat more.

Club members (any club)	\$3.00
Non-club members	\$4.00
Junior (< 18, except WIOL)	\$2.00
WIOL (school league) participants	\$3.00
First time orienteering participants	\$2.00
Families	\$1/person after first two



# Meet Results and Standings

## Forest Park

November 14, 1993

*Sammamish Orienteering Club*

Meet Director: John Sincock

Courses: Mac MacDonald

Registration: Pat Reddick

Timing: Jana Urbanova, Jan Urban, Mac MacDonald

Instruction: Bob Reddick, Mac MacDonald

Marker Pickup: John Sincock, Jan Urban, Dave Enger, Mac MacDonald

Course four was a slightly unusual event: line orienteering. Competitors follow a line drawn on the map and punch any controls they encounter along the line. No control codes are given, only the control number. The goal is to follow the line as accurately as possible. You must find all the controls to finish the course.

### Course 1 (5 controls)

Urban family	9:15
Anne Diaz	12:25
Favero	13:30
Rob Simpson	16:20
Ric Ewing	17:00
Nancy Coon	17:50
Hopper	19:53
Enger family	20:38
Gregg	35:00

### Course 2 (8 controls)

Steve Stevens	20:45
Howard Halter	20:45
Jana Urbanova	25:02
James Hamaker	26:15
Chris Burns	33:30
Else Raadal	39:25
Steve McConnell/Anne Diaz	48:30
Toko Magnus	51:20
Ewing	51:45
Rob Simpson	55:10
Nancy Coon	57:20
Hollie Jones	58:38
Keyes family	60:44
Hopper	61:10
Favero	79:00
George & Nancy Lilly	93:34
Kynion	100:40

### Course 3 (9 controls)

Magne Raadal	39:20
Aaron Charlop	55:40
Ardis Dull	56:53
Don Atkinson	60:20
Sandy Kish Miller	65:38

Robert Roose	82:36
Ken Lew	102:25
Bob Williamson	Map hike
Marti Anderson	Map hike
Chris Burns	Map hike
Ron Brown	Map hike
Margie Bone	Map hike
James Hopper	Map hike

### Course 4 (Line-O) Missed Controls

Bill Cusworth	3, 8, 9
Dave Enger	3, 4, 5, 6
Howard Halter	2, 3, 6, 8
James Hamaker	2, 3, 8
Mark Howlett	3, 8
Paul Magnus	2, 3
Steve McConnell	2, 3
Robert Miller	2, 3, 5, 8, 9
Steve Stevens	2, 3, 6, 8
Jan Urban (ran in reverse order)	2, 3, 5
Dale Width	2, 3, 9

*Note: Since nobody found Control #3, control placement was suspected. However, further investigation showed that the placement was correct and that all participants made the same navigational error on that control.*

## Rambo VI

Point Defiance Park  
January 22, 1994

Meet Director: Carl Moore

Control Pickup: Ken Peters, Linda Moore, Carl Moore

The winter classic: standing between you and the finish are 40 controls, 3 hours, and about 1000 rootstocks. Light rain didn't deter nearly a hundred people from attending this time-honored Score-O/Rogaine format event. Carl Moore's course didn't disappoint them either, with all the features we come to know and love: the control that's off the map, the rootstock in the middle of nowhere, and the thick, wet undergrowth that makes this event live up to its name. 2800 points were distributed among the 40 markers.

1. Arne Skog (top individual)	2800
2. Mark Howlett	2800
3. Rune Hoel	2800
4. Bill Cusworth	2800
5. Fred Veler/Bob Miller (top group)	2800
6. Steve Miner	2800
7. Nick and Eric Bone	2750
8. Debbie Newell (top woman)	2620

9. Rick Bresemen	2520
10. Ken Peters/Sven Stroosma	2480
11. Peter Golde	2380
12. Mike Miller	2320
13. Matt Ley/Gabe Wingard	2320
14. Waugh/Harteringer/Hall	2300
15. Eva & Michael Corey (top mixed)	2200
16. Ardis Dull	2120
17. Keith Wren	2120
18. Stahlbaum/Magee	2080
19. Brett Aniballi	2080
20. Ellen Boomer	1960
21. Mark Marshall	1940
22. Don Atkinson	1920
23. Bradshaw/Hansen	1920
24. Jan & Jana Urban	1900
25. Marti Anderson	1900
26. Trihn/Riggers (Top HS)	1780
27. Dave Hull	1780
28. Petty/Olson	1780
29. Ho/Aboel-Nil	1760
30. Neil Smith	1740
31. Mark Anderson	1700
32. Dave Korthals	1660
33. L Moore/Casey	1640
34. Neff/Nist	1640
35. Lew/Reddick	1640
36. Steve Fredrickson	1620
37. Topolski/Houg (top HS mixed)	1600
38. Matter/Zalewski	1580
39. Patrick Kelly	1360
40. Hopper/Hopper/Trout	1160
41. McCarthy/Fineout	1060
42. Chris Burns	980
43. J Jones & Troop 249	940
44. Steve Lynch	780
45. Brad & Darren Robinson	740
46. Berlin et al	680
47. Sally Riggers	660
48. M Bone/Hopper	620
49. Sesso/Sesso/Wells	460

## Trollhaugen Ski-O

January 23

*Cascade Orienteering Club*

Meet Director, Courses, Registration, and Timing (Whew!): Don Atkinson

### Course 1

Margie & Eric Bone	86:00
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### Course 2

Ron Brown + 2 kids	160:00
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# Marymoor Park

WIOL #4

January 15, 1994

Sammamish Orienteering Club

Meet Director: John Sincock

Courses: John Sincock

Timing: Mike Schuh, Jan Urban, Dave Enger

WIOL Registration: Ardis Dull

Refreshments: Bruce McAlister

## Course 1 (7 controls)

Public

Stahl & Magee	19:50
Susan Williams & Adam Grimstad	21:43
Ryan Dorman	25:14
Jennifer Williams	27:17
John Obie	34:00
George Lilly	38:06
Matej & Anna Urban	54:57
Den 4 cubs	57:10
(no name recorded)	58:14
Markos Psonos	DNF
Chris Burke	DNF
WIOL Elementary.	
Corey Morgan	RENTPRKE DNF
WIOL Middle School	
Derek Schmitt	POULSBHJH 22:47
Lael Smith	EVERGRMS 25:15
Tommy Stainsby	TOTEMJHS 29:55

## Course 2 (10 controls)

WIOL B

B. Cox & G. Covert	GARFIELD	31:57
Mah Anderson	BREMERTN	49:43
Stephen Oraker	BREMERTN	54:57
Nathan Oraker	BREMERTN	56:56
Randy Coe	BREMERTN	62:09
Christine Matter	WILSON	64:49
Mickael Hersey	BREMERTN	78:14
Jason Dempsey	BETHEL	78:40
Joan Maza	BREMERTN	79:14
Lance Ackerman	BREMERTN	80:10
Blythe Oraker	BREMERTN	81:14
Kristopher Alina	BREMERTN	86:48
Trinda Stephanson	BREMERTN	89:14
Crystal Rollings	BREMERTN	92:03
Becky Kozey	BREMERTN	94:28
Kari Jones	BREMERTN	96:00
Ryan Daniels	BREMERTN	MSP
George Alina	BREMERTN	DNF
Crystal Johnston	BREMERTN	MSP
Johnathan Devine	BREMERTN	DNF
Leland Rollings	BREMERTN	DNF
Heather Daniels	BREMERTN	DNF
Erin Daniels	BREMERTN	DNF
Patrick Pittman	BREMERTN	DNF
Siobhan Doyle	JEFFERSN	DNF
Mackenzie Douvier	JEFFERSN	DNF
Arriel Atienza	BREMERTN	MSP
Jeremy Watson	BREMERTN	DNF
Robert Daniels	BREMERTN	DNF

Jennifer Abram BREMERTN DNF

Public

Bob & Pat Reddick 72:00

## Course 3 (8 controls)

Bobby Bonds	41:20
Don Atkinson	42:00
Alison Keyes	42:25
Marshall Magee	44:16
Ardis Dull	50:01
Michelle Everett	50:53
Neil Smith	53:42
Ken Lew	54:42
Harvey Friedman	59:38
Phil Everett	65:36
Maureen Traxler	70:05
Lorna Williamson	74:40
Bob & Debbie Berreth	78:00
Ron Baird	83:03
Ginny Haver	84:00
Terry Loving	84:22
Susan Scarpello	86:28
Sally Vanderzee & Lisa Moore	87:00
Tony & Ann Amort	88:24
Joshua & David Matay	88:37
Susan Ulrich	92:17
R & K Ewing	94:00
Paula Brown	96:03
Jay Hopper	108:15
Mary-London Eldred	146:50
Mary Campbell	148:50
Alice Park	151:40

## Course 4 (9 controls)

Public

Mark Howlett	23:53
Paul Magnus	26:33
Bill Cusworth	32:01
Rick Breseman	34:15
Peter Golde	35:30
Debbie Newell	36:58
Howard Halter	37:12
Fred Veler	38:11
Peter Breach & Rob Baker	39:59
Steve & Tyler Fredericson	42:00
Ellen Boomer	43:46
Lisa Nordlund	44:15
Jackie Ritmire	46:45
Jim Sisco	55:30
Aaron Charlop	56:46
Sandy Kish Miller	57:10
Chris Burns	63:45
Brad Robinson	64:37
Kirk Stahlbaum	78:10
Coley & Deutsch	MSP

WIOL A

J. Fred Schmitt	NORTKITS	31:28
Nicholas Bone	GARFIELD	32:35
Chris Schreiner	JEFFERSN	37:32
Chris Hooyman	LAKESIDE	39:37
David Stainsby	JEFFERSN	42:22
Tomas Clark	GARFIELD	43:42
Jon M. Topolski	WILSON	49:07
Daniel Baird	BREMERTN	50:38
Eric Heistand	BREMERTN	54:14

Eric Riggers

Tim Tuan

INGLEMOR 54:26

INGLEMOR 56:16

# Priest Point Park

WIOL #5

January 29, 1994

Nisqually Orienteers

Meet Director: Gary McCausland

Courses: Gary McCausland

Timing: Mike Schuh, Stewart Bradshaw

Registration: Lori McCausland, Ardis Dull

Refreshments: Bruce McAlister

## Course 1 (1.4km, 7 controls)

Eric Bone	9:05
Ackerman & Devine & Rollings	12:22
Lori Ryan	20:03
Marchal Magee	21:41
Ian Weintraub	47:12
Knapp family	52:13
Wolfgang Loera	DNF

## Course 2 (1.9km, 8 controls)

WIOL B

Stephen Oraker	BREMERTN	25:10
Eric Riggers	INGLEMOR	25:41
Nathan Oraker	BREMERTN	26:05
Mah Anderson	BREMERTN	28:43
George Alina	BREMERTN	28:46
Jason Baker	BREMERTN	30:09
Arriel Atienza	BREMERTN	30:35
Leland Rollings	BREMERTN	32:21
Patrick Pittman	BREMERTN	32:53
Johnathan Devine	BREMERTN	33:13
Blythe Oraker	BREMERTN	33:23
Lance Ackerman	BREMERTN	33:57
Joan Maza	BREMERTN	34:26
Ryan Daniels	BREMERTN	35:11
Brigitte Estvanik	BREMERTN	35:14
Crystal Rollings	BREMERTN	36:30
Jennifer Abram	BREMERTN	36:33
Jeremy Watson	BREMERTN	37:35
Kari Jones	BREMERTN	38:16
Robert Daniels	BREMERTN	38:34
Jenny Smith	SHELTON	38:36
Crystal Johnston	BREMERTN	44:35
Louis Oliveri	BREMERTN	49:34
Bryan Carpenter	BREMERTN	55:15
Mickael Hersey	BREMERTN	59:17
Heather Daniels	BREMERTN	63:55
J Roush & A Shelley	SHELTON	74:48
Erin Daniels	BREMERTN	85:59

Public

Matt Ley	GIGHARBR	20:27
Randy Coe	BREMERTN	23:27
Daniel Baird	BREMERTN	23:31
Ardis Dull		25:23
Clayton Bennet	SHELTON	25:43
Bob & Pat Reddick		33:17
Norm & Gerri King		61:33
Sally VanderZee		70:00



Course 3 (2.4km, 9 controls)

WIOL A

J. Fred Schmitt	NORTKITS	24:35
D Clark & C Bennett	SHELTON	32:15
Chris Schreiner	JEFFERSN	35:54
Matt Ley	GIGHARBR	44:27
Mara Wright	NORTKITS	58:38
Randy Coe	BREMERTN	60:55
Daniel Baird	BREMERTN	62:07
Kyle Gott	SHELTON	96:03

Public

Eric Bone	20:21
Pamela Karlsson	50:21
Harvey Friedman	67:02
Anne York	69:51

Course 4 (4.1km, 13 controls)

Paul Magnus	43:10
Bill Cusworth	43:52
Dave Enger	45:47
Harald Gundersen	47:54
Sture Karlsson	50:55
Mark Howlett	56:01
Fred Veler	57:45
Jan Urban	58:42
Steve Miner	59:05
Debbie Newell	60:16
Jana Urbanova	65:38
Dave Tallent	65:44
Mike Miller	69:18
Ken Peters	72:13
Kjell Thompson	72:21
Don Atkinson	72:46
Mark Anderson	76:11
Sidney Whaley	78:09
Carl Moore	80:18
Steve Frederickson	80:42
Linda Moore	80:48
Ken Lew	84:00
Chris Burns	89:51
Marchal Magee	90:35
Jackie Ritmire	94:33
Patrick Kelley	100:15
Neil Smith	100:49
Ellen Boomer	105:20
Toko Magnus	124:57
Jim Sissel	138:46

## Bridle Trails State Park

WIOL #6

February 5, 1994

Sammamish Orienteering Club

Meet Director: Dave Enger

Courses: Mark Howlett

Timing: Mike Schuh, Dave Enger, Mark Howlett

Registration: Valerie Enger, Ardis Dull

Course 1 (1.8km, 8 controls)

Public

Gretchen Hale	16:51
Lance & Leland & John	20:51
Holly Axe	21:35
Bryan Carpenter	BREMERTN 25:01
Meghan Johnson	25:17
John Lee	29:05
Roger & Alan Carr	29:31
Sally Vanderzee	33:25
Matthew Wilson	34:40
Karen Nordeng	35:10
Curt & Lori Esperum	44:10
Brandon Yamamura	52:47
Tony Amort	61:51
Berkley Lamb	map hike
Thomas Lamb	map hike

WIOL Middle School

Derek Schmitt	POULSBHJH	12:53
Nathan Schmitt	POULSBHJH	14:28
Charlie Barnes	POULSBHJH	16:46
Lael Smith	EVERGRMS	22:06
Tommy Stainsby	TOTEMJHS	35:32

Course 2 (2.7km, 11 controls)

Public

Rod Miller	35:40
Ronald Baird	41:20
Sally Vanderzee	44:40
Joe Johnson	46:43
Craig Johnson	49:15
Roger & Alan Carr	53:24
Joe Hammond	53:31
Ric & Kristin Ewing	55:17
Joshua & David Mathey	57:59
Matt Wilson	58:04
Ben & Sandy Graees	58:29
Karen MacDonald	61:50
Art Boll	61:50
John Obie	63:56
Ginny Haver	67:39
Ann Amort	70:50
Norm & Gerri King	75:00
Dave Muerdter	89:15

WIOL B

T Clark & N Atkins	GARFIELD	25:33
George Alina	BREMERTN	26:30
Jeremy Watson	BREMERTN	26:30
Daniel Baird	BREMERTN	27:27
Robert Daniels	BREMERTN	27:30
Lance Ackerman	BREMERTN	29:42
Jacob Harrison	BREMERTN	30:33
Stephen Oraker	BREMERTN	30:41
Leland Rollings	BREMERTN	30:42
Matt Anderson	BREMERTN	31:01
Kristopher Alina	BREMERTN	31:40
Johnathan Devine	BREMERTN	31:42
Arriel Atienza	BREMERTN	31:53
Jacob Korpela	BREMERTN	34:12
Christine Matter	WILSON	35:20
Jennifer Abram	BREMERTN	36:11
Jason Baker	BREMERTN	37:01
Louis Oliveri	BREMERTN	37:26
Blythe Oraker	BREMERTN	38:06
Brigitte Estvanik	BREMERTN	38:50
Joan Maza	BREMERTN	39:11

Trinda Stephanson	BREMERTN	41:05
Mackenzie Douvier	JEFFERSN	42:45
Ryan Daniels	BREMERTN	43:04
Crystal Rollings	BREMERTN	44:24
Patrick Pittman	BREMERTN	45:54
Erin Daniels	BREMERTN	47:08
Heather Daniels	BREMERTN	47:32
Crystal Johnston	BREMERTN	49:37
Randy Coe	BREMERTN	50:53
Kari Jones	BREMERTN	51:53
Mickael Hersey	BREMERTN	61:34
Meda Higa	GARFIELD	69:10
Bryan Carpenter	BREMERTN	MSP

Course 3 (3.8km, 11 controls)

Public

David Keyes	42:59
Nathan Beedle	59:04
Robert Roose	61:11
Harvey Friedman	61:42
Wasser Schmitt	62:50
Vivien Birtwistle-Fritz	63:52
Neil Smith	64:42
Dave Petty	69:37
David Nichols	71:30
Knut Olson	71:31
Margie Bone	75:02
Pam Carlsson	79:02
Carl McNabb	79:40
Brad Robinson	88:30
Mari Friend	97:56
Lorna Williamson	107:43
Ron Brown family	116:40
Nick Nguyen	122:13
Monkey Saru	130:50
Fred Veler	DNF
Ardis Dull	DNF

WIOL A

J. Fred Schmitt	NORTKITS	39:52
Nicholas Bone	GARFIELD	42:50
David Stainsby	JEFFERSN	44:50
Chris Schreiner	JEFFERSN	45:52
Eric Riggers	INGLEMOR	54:54
Mara Wright	NORTKITS	68:55
Casey Daniels	JEFFERSN	77:20
Tim Tuan	INGLEMOR	112:55
Bryan Carpenter	BREMERTN	DNF

Course 4 (5.6km, 15 controls)

Rune Hoel	43:23
Paul Magnus	46:06
Eric Bone	48:59
Ben Hall	49:00
Mike Miller	50:35
Bill Cusworth	52:24
Harald Gundersen	57:11
Rick Breseman	58:24
Sture Carlsson	59:20
Debbie Newell	59:40
Peter Golde	64:14
Mike Fritz	66:17
Steve Miner	66:30
Mac MacDonald	68:44
Dave Hall	69:44
Howard Halter & B Flynn	70:14

Carl Moore	72:42
Jana Urbanova	72:53
Jan Urban	74:40
Gary Kraght	76:20
Brad Miner	76:55
Sandy Kish Miller	79:35
Sid Whaley	80:13
Mark Anderson	81:16
Don Atkinson	82:00
Ken Peters	88:30
M Magee & K Stahlman	88:33
Dave Tallent	90:14
Michael & Eva Corey	97:21
Jackie Ritmire	97:55
Ken Lew	101:03
Toko Magnus	117:44
Linda Moore	122:17
Bob Reddick	127:04
Howard & Josh Smith	173:00
Kjell Thompson	DNF

## Lincoln Park

WIOL Wind-Up Trivia-O  
February 26, 1994  
Husky Orienteering Club

The courses had to be voided due to misplaced controls. Apologies to all who attended this event. Official finishers are listed below:

### Novice Course (6 controls)

Chad Jespersen  
JJ Laymon  
Ethan Jennings  
Daniel Curtin

### Long Course (14 controls)

Chris Rudolph  
Jay Hopper / Sue Jami  
Mike Miller  
Shannon Danielson  
Sture Carlsson  
Jan Urban  
David Musick / Mark Schmidt  
Ken Lew  
Jana Urbanova  
Lenny Laymon  
Roger Sharp

### Trivia-O (freestyle-14 controls)

Don Atkinson  
Mark Howlett  
Ron and Diamond Baird  
Jake Harrison

## WIOL Relay Champs

January 30  
Husky Orienteering Club

Meet Director: Bill Cusworth  
Courses: Eric Bone  
Registration: Joseph Ho  
Timing: Rune Hoel, Bryce Jensen  
Refreshments: Bruce McAlister

A 3-person relay with each team member running one of the 3 similar legs: Leg X: 2.66 km, Leg Y: 2.64 km, Leg Z: 2.67 km. Each leg had 11 controls with controls 3,4,6,8,9, & 11 common to all legs and controls 1,2,5,7, & 10 were forked (different control locations for each leg). The legs were set up to pass through the Quad twice before finishing, allowing for a lot of spectator cheering. Bracketed letters indicate which course.

### Team #1 (Open #1)

Debbie Newell [Y]	18:31	
Paul Magnus [X]	18:20	36:51
Mark Howlett [Z]	15:25	52:16

### Team #2 (Masters #1) Two Old Men and

#### Goldie Locks

Fred Veler [Z]	19:15	
Dave Tallent [X]	21:52	41:07
Peter Golde [Y]	18:09	59:16

### Team #3 (Open #2) Walla Walla Walla

Nils Bergman [X]	16:26	
Frank Skorina [Y]	18:50	35:16
Holly Howard [Z]	37:24	72:40

### Team #4 (Masters #2) Cyan-O-sis

Marti Anderson [X]	28:34	
Margie Bone [Z]	28:32	57:06
Harvey Friedman [Y]	26:07	83:13

### Team #5 (Open #3)

Jan Urban [Z]	28:13	
Ardis Dull [Y]	28:43	56:56
Jana Urbanova [X]	27:31	84:27

### Team #6 (Open #4)

Howard Halter [Y]	24:01	
Bruce Neal [Z]	39:22	63:23
Steve Stevens [X]	23:04	86:27

### Team #7 (WIOL #1) Garfield High School

Nick Bone [X]	17:30	
Glen Covert [Y]	58:36	76:06
Tomas Clark [Z]	22:25	98:31

### Team #8 (Open #5) Grunts

Phil Everett [Y]	41:13	
Michelle Everett [Z]	26:20	67:33
Peter Breach [X]	49:15	116:48

## WIOL Championships

Seward Park, Seattle  
Cascade Orienteering Club

Meet Director: Mike Schuh, Paul Magnus  
Courses: Eric Bone  
Mapping: Bill Cusworth, Eric Bone  
Start: Marti Anderson, Walt Estep, Toko Magnus  
Finish: David Keyes, Toko Magnus, Mark Howlett, Rick Hood  
Registration: Aaron Charlop, Harvey Friedman, Jim Ley, Ardis Dull, Mark Anderson  
Awards: Debbie Newell  
Refreshments: Bruce McAlister  
General Assistance: Rick Hood, Trish Charlop, Margie Bone.

### Course 1 (1.8km, 7 controls)

#### Public

Kirk & Magee	16:11
Scott Sangder	25:54
Jan Sangder	26:10
Lenny Laymon	27:12
Matej & Anna Urban	29:35
J Mount	51:12
Steve Paulson	52:04
Joe Paulson	54:09
Daniel Bowen	58:12
Andrew Hynson	58:33
Sally Vanderzee	70:13
Norm & Gerri King	70:52
Arlo Smith	DNF

#### WIOL Elementary

Angella Tallent	ISSAQVLY	15:12
Nicholas Tallent	ISSAQVLY	17:35

#### WIOL Middle School

Derek Schmitt	POULSBJH	12:33
Lael Smith	EVERGRMS	17:33
Nathan Schmitt	POULSBJH	23:27
Tommy Stainsby	TOTEMJHS	27:37

### Course 2 (2.2km, 9 controls)

Pamela Carlsson	32:31
David Nichols	36:03
Ron Baird	38:45
Lorna Willilamson	43:05
Josh & David Matney	50:12
Grayson & Thompson	53:53
Mary London Eldred	58:34
Gerry Croteau	DNF

### Course 3 (3.1km, 9 controls)

#### WIOL B (split times in minutes at #3, 1.1km)

Chris Hooyman	LAKESIDE	14	34:45
Randy Coe	BREMERTN		41:42
George Alina	BREMERTN	12	42:55
Patrick Pittman	BREMERTN		45:50
Joan Maza	BREMERTN	19	46:23
Nathan Oraker	BREMERTN		47:18
Dave Bratton	GARFIELD	27	49:11
Robert Daniels	BREMERTN	15	49:48



Lance Ackerman	BREMERTN	51:17
Brian Heigh	JEFFERSN	21 51:51
Kristopher Alina	BREMERTN	23 54:56
Christine Matter	WILSON	23 56:08
Jeremy Watson	BREMERTN	21 56:11
Stephen Oraker	BREMERTN	30 56:59
Glenn Covert	GARFIELD	19 57:02
Nick Fitch	GARFIELD	24 57:07
Jared Johnson	NEWPORT	15 57:17
Jake Downs	WILSON	24 62:36
Van Trinh	INGLEMOR	64:20
Joe Endsley	JEFFERSN	33 65:29
Arriel Atienza	BREMERTN	22 65:47
Mickael Hersey	BREMERTN	66:22
Jacob Harrison	BREMERTN	18 66:51
Cheol Kang	WILSON	30 68:37
Matt Anderson	BREMERTN	19 68:46
Jeff Clark	NEWPORT	45 69:09
Kari Jones	BREMERTN	74:02
Heather Daniels	BREMERTN	74:32
Crystal Rollings	BREMERTN	41 79:15
Lillyann Estvanik	BREMERTN	80:13
Jennifer Abram	BREMERTN	19 81:05
Brigitte Estvanik	BREMERTN	19 81:20
Leslie & Higa	GARFIELD	36 98:57
Louis Oliveri	BREMERTN	32 105:05
Casey Daniels	JEFFERSN	105:15
Trinda Stephanson	BREMERTN	26 107:54
Crystal Johnston	BREMERTN	107:59
Bryan Carpenter	BREMERTN	111:09
Jacob Korpela	BREMERTN	47 147:51
Erin Daniels	BREMERTN	47 MSP
Ryan Daniels	BREMERTN	MSP
Mackenzie Douvier	JEFFERSN	DSQ
Blythe Oraker	BREMERTN	MSP
Jason Baker	BREMERTN	DNF
Johnathan Devine	BREMERTN	DNF
Leland Rollings	BREMERTN	DNF
Daniel Baird	BREMERTN	MSP
Jon M. Topolski	WILSON	MSP
Jeremy Blacklow	GARFIELD	DSQ
Jason Dadakis	BELLEVUE	DNF

Course 4 (3.0km, 12 controls)

Neil Smith	62:06
Mari Friend	67:02
Jackie Ritmire	67:55
Terradan Landchild	74:42
Chris Burns	78:41
Harvey Friedman	80:21
Tony & Ann Amort	92:10
Ron & Andy Brown	93:38
Anne York	98:51
Bob & Pat Reddick	109:58
J Flatton	130:52

Course 5 (3.8km, 15 controls)Public

Rune Hoel	26:56
Mark Howlett	29:54
Paul Magnus	31:04
David Enger	34:57
Arne Skog	38:39
Fred Veler	40:10
Mike Miller	41:11

Sture Carlsson	42:18
Jana Urbanova	44:29
Debbie Newell	47:13
Dan Waugh	48:29
Don Atkinson	49:02
Rob Knutson	50:14
David Tallent	50:27
Mac Macdonald	50:31
Jam Urban	51:16
H Halter & B Flynn	52:29
Carl Moore	53:25
David & Garth Lilly	53:45
Sandy Kish Miller	55:03
Ross Stevens	57:07
Ken Lew	59:14
Henry Morgan	59:58
Michael Corey	61:01
Marti Anderson	62:35
Marshall Magee	66:18
Linda Moore	73:22
Tyler Frederickson	73:41
Steve Frederickson	74:25
Mark Anderson	78:06
Mark Marshall	82:32
Ellen Boomer	86:40
Kirk Stahlbaun	87:51
<u>WIOL A (split times in minutes at #5, 1.2km)</u>	
Nicholas Bone	GARFIELD 12 43:49
J. Fred Schmitt	NORTKITS 11 46:50
Chris Schreiner	JEFFERSN 15 47:11
David Stainsby	JEFFERSN 14 52:15
Eric Riggers	INGLEMOR 52:43
Maia Wright	NORTKITS 53:19
Matt Ley	GIGHARBR 16 67:19
Tim Tuan	INGLEMOR 83:42
Tomas Clark	GARFIELD 90:41

WIOL Team Results (# placing, total points)

Bremerton HS	4	150
Thomas Jefferson HS	4	138
Garfield HS	4	133
Inglesmoor HS	3	97
North Kitsap HS	2	88
Wilson HS	3	63
Lakeside HS	1	41
Gig Harbor HS	1	40
Newport HS	2	35

**Bear Creek Park**

Medford, Oregon  
March 5, 1994

Meet Director: Mike Schuh  
Course Setter: Mike Schuh  
Registration: Allyson Kelley  
Timing: Terry Miller  
Dan Miller

Course 1 (6 controls, 1.1km)

Joe Hallett	6:30
Brad Prior	7:51
Dan Miller	8:22
Allyson Kelley	10:02

Terry Miller	11:39
MacLellans	13:20
Becky Thomas	13:55
Carol Ingelson	15:30

Course 2 (9 controls, 1.8km)

Brad Prior	13:51
Joe Hallett	16:15
Dan Miller	16:20
MacLellan	19:15
Terry Miller	24:00
Allyson & Laurel	27:55
Beth Rathburn	
& Shad Thomas	27:55
Carol Ingelson	32:10

**Lake Tradition**

Washington Intercollegiate Champs  
February 27, 1993  
Cascade Orienteering Club

Meet Director: Mike Schuh

Courses: Jacki Ritmire, Neil & Lael  
Smith, Mike Schuh

Vetting: Debbie Newell, Fred Schmitt

Registration: Dave Petty

Timing: Marti Anderson, Terry Loving

Refreshments: Bruce McAlister

Awards: Debbie Newell

Marker Pickup: Eric Bone, Bill Cusworth,  
Run Hoel, Lisa Nordlund, Joseph  
Ho, Seth Brothers, Jackie Ritmire

Team scoring was by the total time of each team's top three finishers, but only the UW had three finishers. The remaining teams were ranked first by the number of finishers, and then by individual placing. Results published in the Seattle Times were incorrect, and omitted the womens individual results, but we thank Fred Veler for sending them in.

Course 1 (1.9km, 1 controls)

Camilla Eggum	PLU 22:35
Brett Fletcher-McGrook	23:55
Megan Hunt	32:31
Matej & Anna Urban	35:02
Jamie-Paloma	38:52
Annette-Colbi	39:45
Leslie Wright	40:52

Course 2 (3.6km, 1 controls)

Karen Nodeng	79:25
Johanne Klepsch	92:16

Course 3 (4.4km, 1 controls)

Jean Davis	82:25
Christopher Hammond	84:15
Peter Losh	93:00
Tomas-Jennifer-James Clark	97:12
Scott Smith	128:16

Landon Mace	134:16
Bruce McAlister	map hike
Geoff Garrett	DNF
Seth Brothers	WWU DNF

Course 4 (4.5km, 1 controls)

Knut Olson	76:47
Tim Tuan	96:14
Eric Riggers	99:14
Harvey Friedman	99:47
Linda Moore	DNF
Ken Klepsen	DNF
Margie Bone	DNF

Course 5 (5.0km, 1 controls)Public

Paul Magnus	48:33
Rick Breseman	55:19
Dave Enger	59:41
Mike Miller	61:59
Jan Urban	63:14
Dan Waugh	64:50
Steve Miner	69:22
Don Atkinson	73:19
Jana Urbanova	75:46
David Lilly	77:36
C Moore	78:51
Sandy Kish Miller	79:16
David Tallent	82:56
Mark Marshall	86:41
Ardis Dull	87:50
Steve McConnell	88:27
Peter Golde	95:44
Howard Halter	96:32
Marti Anderson	101:31
Steve Fredrickson	102:18
Ken Lew	105:05
Sid Whaley	116:20
Brad Miner	119:27

Intercollegiate

Rune Hoel	UW	41:31
Eric Bone	UW	42:34
Bill Cusworth	UW	52:05
Kjell Thomphsen	PLU	61:40
Fred Veler	SU	76:58
Paul McClung	REECAS	89:47
Ben Hansen	REECAS	98:05
Tyler Fredrickson	WWU	98:15
Dobek Pater	REECAS	111:32
Robert Smurr	REECAS	112:14
Lisa Nordlund	WWU	119:21
Joseph Ho	UW	135:20
Ellen Boomer	UPS	159:44
Harold Gunderson	PLU	DNF

Team placings

UW	136:10
REECAS*	299:24
WWU	(2 finishers)
PLU	(1 finisher)
SU	(1 finisher)
UPS	(1 finisher)

\* Unofficial UW team.

## Carkeek Park

March 12th, 1994

*Cascade Orienteering Club**Meet Director:* Aaron Charlop*Course Setter:* Peter Golde*Registration:* Patricia Charlop, Linda

Hood

*Starts:* Jim Sisco, Bill Cusworth*Finishes:* Paul Magnus, Rick Hood*Vetting:* Paul Magnus*Control Pickup:* Sandy Miller, Peter Golde*Water:* Bruce McAlister

We had a beautiful day for an event. The Olympic Mountains were majestic over a Puget Sound full of sails. The dry days of the preceding week helped to mostly dry some of the courses. However, several participants came back with significant portions of the terrain attached to their anatomy. Everyone reported to have a good time. I would like to thank the meet staff and the participants for making my first attempt to direct a meet an enjoyable one. I look forward to working with them on future meets. — Aaron

Course 1: 1.7 km, 8 Controls

Mi. Weeks, S. Harken, G. Harken	10:22
Ma. Weeks, R. Slater	27:20
M. Urban, A. Urban	27:20
Kathy Pravitz	29:06
F. King, S. King	29:12
C.A.R. Gargan	31:20
Colin Booth	39:04
Ann Brooks	41:00
Jeff Nicholl	44:54
J. Johnson, E. Weeks, G. Johnson	47:35
Jackie Ritmire	DNF
Steve Stone	DNF
Tom and Bill	Map Hike

Course 2: 2.3 km, 10 Controls

Jim McCaa	31:54
Doug Sprugel	37:22
Harvey Friedman	50:42
Mi. Weeks, S. Harken, G. Harken	51:15
Pamela Carlsson	56:40
Anne York	57:51
John Whitmer	57:56
Knut Olson	59:42
Charles Butler	61:55
Ma. Weeks, R. Slater	62:07
D. Matney, S. Matney	68:10
J. Johnson, E. Weeks, G. Johnson	70:57
Nick Nguyen	73:18
T. Amort, A. Amort	86:02
R. Ewing, K. Ewing	89:02
Haines Family	100:29
Sally Vanderzee	107:19
S. Woods, B. Woods, D. Woods	118:57

Karen Nordeng	134:13
Lael Smith	DNF
Jim Gorgan	DNF

Course 3: 3.6 km, 13 Controls

Eric Bone	36:51
Mark Howlett	37:25
Dave Enger	40:48
Bill Cusworth	44:03
Rick Breseman	45:21
Mike Schuh	47:17
Steve Carlsson	48:29
John Whitmer	51:10
H. Halter, B. Flynn	51:25
Ed Kobos	55:25
Jana Urbanova	56:03
Fred Veler	58:48
Ross Stevens	60:11
Don Atkinson	61:57
Jan Urban	66:08
Eric Riggers	71:36
Sandy Kish Miller	75:13 NR
Dave Petty	75:16
N. Bone, R. Dorman	80:36
Ardis Dull	83:13
Ellen Boomer	86:22
Ken Lew	90:03
Margie Bone	103:03
Neil Smith	DNF
Arne Skog	DNF
Roger Sharp	DNF
Ron West	DNF



## WIOL Final Season Standings

1993-1994 Season

Washington Interscholastic Orienteering Association

Season standings were calculated for the WIOL A and B courses using the ratio between each participant's time and the average of the first three finishers. Misspunches and not finishing earned zero points.

For each participant, the best four scores were used to calculate the final standings. It should be noted in passing that North Kitsap's Fred Schmitt won each and every regular season meet that he ran.

Events were, in order: 1. Fort Stielacom, 2. Bog Slog (St. Edwards), 3. NAD Park, 4. Marymoor Park, 5. Priest Point, 6. Bridle Trails, 7. Kelso.

WIOL A	#1	#2	#3	#4	#5	#6	#7	Total
J. Fred Schmitt	128.4	129.7	115.6	107.6	125.7	106.6	-	499.48
Nicholas Bone	112.0	97.3	88.6	103.9	-	99.3	-	412.47
David Stainsby	-	-	97.4	79.9	-	94.8	100.0	372.13
Chris Schreiner	68.9	82.2	90.3	90.2	86.1	92.7	-	359.25
Chris Hooyman	-	83.2	-	85.5	-	-	-	168.68
Scott Neff	75.3	-	84.1	-	-	-	-	159.39
Jon M. Topolski	71.2	-	-	68.9	-	-	-	140.18
Eric Riggers	-	0.0	-	62.2	-	77.4	-	139.64
Eric Heistand	-	-	54.4	62.4	-	-	-	116.88
Dan Baird	-	-	-	66.9	49.8	-	-	116.64
Maia Wright	-	-	-	-	52.7	61.7	-	114.40
Kyle Gott	-	-	68.3	-	32.2	-	-	100.47
Tim Tuan	-	-	-	60.2	-	37.7	-	97.83
Tomas Clark	-	-	-	77.5	-	-	-	77.49
Matt Ley	-	-	-	-	69.5	-	-	69.54
Chris Weltzer	65.8	-	-	-	-	-	-	65.75
Casey Daniels	-	-	-	-	-	55.0	-	54.97
Randy Coe	-	-	-	-	50.7	-	-	50.74
Tony Bertocchini	50.7	-	-	-	-	-	-	50.73
Craig Nicholson	46.7	-	-	-	-	-	-	46.71
Jason Dempsey	46.0	-	-	-	-	-	-	46.03

WIOL B	#1	#2	#3	#4	#5	#6	#7	Total
Nate Oraker	103.3	-	86.3	80.0	98.3	88.2	-	376.13
Steve Oraker	98.3	-	62.3	82.9	101.9	85.3	-	368.42
Matt Anderson	66.6	-	38.8	91.6	89.3	84.4	-	331.92
George Alina	69.1	-	53.3	0.0	89.2	98.8	-	310.34
Christine Matter	62.7	85.1	-	70.3	-	74.1	-	292.19
Jeremy Watson	65.3	-	37.4	0.0	68.2	98.8	-	269.75
Joan Maza	66.1	-	45.7	57.5	74.5	66.8	-	264.85
Lance Ackerman	0.0	-	39.7	56.8	75.5	88.2	-	260.21
Blythe Oraker	-	-	45.0	56.1	76.8	68.7	-	246.61
Patrick Pittman	67.0	-	35.8	0.0	78.0	57.0	-	237.76
Kristopher Alina	48.6	-	49.0	52.5	-	82.7	-	232.74
Crystal Rollings	-	-	51.6	49.5	70.3	59.0	-	230.32
Jon M. Topolski	-	141.8	85.0	-	-	-	-	226.80
Robert Daniels	64.1	-	-	0.0	66.5	95.2	-	225.77
Johnathan Devine	-	-	46.9	0.0	77.2	82.6	-	206.69
Leland Rollings	-	-	35.6	0.0	79.3	85.3	-	200.20
Randy Coe	73.0	-	0.0	73.3	-	51.5	-	197.71
Heather Daniels	59.9	-	39.7	0.0	40.1	55.1	-	194.80
Brigitte Estvanik	53.4	-	-	-	72.8	67.4	-	193.58
Ryan Daniels	0.0	-	55.3	0.0	72.9	60.8	-	188.98
Eric Riggers	-	-	87.1	-	99.8	-	-	186.92
Jennifer Abram	43.1	-	0.0	0.0	70.2	72.4	-	185.61
Mickael Hersey	40.1	-	39.5	58.2	43.3	42.5	-	184.07
Dan Baird	79.7	-	0.0	-	-	95.4	-	175.06
Arriel Atienza	0.0	-	0.0	0.0	83.8	82.1	-	165.97
Kari Jones	0.0	-	-	47.4	67.0	50.5	-	164.93
Crystal Johnston	51.8	-	-	0.0	57.5	52.8	-	162.08

Jason Baker	0.0	-	-	-	85.1	70.7	-	155.79
Trinda Stephanson	0.0	-	38.1	51.0	-	63.7	-	152.86
Tim Tuan	-	89.3	59.8	-	-	-	-	149.13
Louis Oliveri	-	-	24.8	-	51.7	69.9	-	146.47
Matt Ley	-	-	128.5	-	-	-	-	128.51
Erin Daniels	-	-	34.1	0.0	29.8	55.5	-	119.50
Casey Daniels	-	-	-	-	-	-	100.0	100.00
Alan Lee	98.5	-	-	-	-	-	-	98.51
D Clark & J Smith	-	-	92.7	-	-	-	-	92.70
Clayton Bennett	-	-	87.5	-	-	-	-	87.48
Jacob Harrison	-	-	0.0	-	-	85.7	-	85.71
John Urdal	-	83.7	-	-	-	-	-	83.74
Maia Wright	-	-	78.6	-	-	-	-	78.62
Jacob Korpela	-	-	-	-	-	76.6	-	76.56
Jenny Smith	-	-	-	-	66.4	-	-	66.44
Mackenzie Douvier	-	-	-	0.0	-	61.3	-	61.25
Jason Dempsey	-	-	-	57.9	-	-	-	57.89
Van Trinh	-	-	55.5	-	-	-	-	55.46
Lillyann Estvanik	54.1	-	-	-	-	-	-	54.07
Becky Kozey	-	-	-	48.2	-	-	-	48.21
Bryan Carpenter	0.0	-	0.0	-	46.4	0.0	-	46.42
Meda Higa	-	-	-	-	-	37.9	-	37.86
R Garner & Z Taber	-	-	35.3	-	-	-	-	35.29
Luke Caldwell	0.0	-	-	-	-	-	-	0.00
Crystal Cloutier	0.0	-	-	-	-	-	-	0.00
Rouch & Kenndy	-	-	0.0	-	-	-	-	0.00
Robert Givens	-	-	0.0	-	-	-	-	0.00
Gary Yarbrough	-	-	0.0	-	-	-	-	0.00
Michael Kruk	-	-	0.0	-	-	-	-	0.00
Michael Altafler	-	-	0.0	-	-	-	-	0.00
Siobhan Doyle	-	-	-	0.0	-	-	-	0.00

Team Standings	#1	#2	#3	#4	#5	#6	#7	Total
BREMERTN	5	-	5	5	6	6	-	17
JEFFERSN	1	2	4	4	3	5	6	15
GARFIELD	4	5	-	6	-	4	-	15
NORTKITS	3	6	2	1	5	3	-	14
WILSON	6	4	1	2	-	1	-	12
SHELTON	-	-	6	-	4	-	-	10
INGLEMOR	-	1	3	3	1	2	-	8
LAKESIDE	-	3	-	-	-	-	-	3
GIGHARBR	-	-	-	-	2	-	-	2
STADIUM	2	-	-	-	-	-	-	2
BETHEL	-	-	-	-	-	-	-	0

## Winter O' Series

During the WIOL season, Cascade held a competition for the general public. On the advanced course at each meet, individuals received points based on their finish order. At the end of the season, each person's four best scores were added together to determine final placings. In the men's competition, Rune Hoel (Husky O' Club), a UW student from Norway, edged out defending champion Eric Bone (Husky O' Club), who fell to third while Mark Howlett (Sammamish O' Club) retained his second place position. Eric was the course setter at the final meet, so had no opportunity to improve his position. Paul Magnus (Cascade O' Club) finished just 2 points behind Eric. In the women's division, Debbie Newell (Cascade O' Club) successfully defended her title, finishing in 8th place overall. Marti Anderson (COC) vaulted to second place by virtue of her winning run at the Kelso meet and Sandy Kish Miller (COC) was close behind in third place.

Events used were: 1. Fort Stielacom, 2. Bog Slog (St. Edwards), 3. NAD Park, 4. Marymoor Park, 5. Priest Point, 6. Bridle Trails, 7. Kelso, 8. Seward Park.

Name	#1	#2	#3	#4	#5	#6	#7	#8	Total
Rune Hoel	-	95	95	-	90	100	-	100	390
Mark Howlett	100	88	92	100	88	-	-	95	387
Eric Bone	92	100	100	-	-	92	-	-	384
Paul Magnus	88	92	88	95	100	95	-	92	382
Dave Enger	95	89	-	-	92	-	-	90	366
Bill Cusworth	85	83	89	92	95	88	-	-	364
Mike Miller	90	-	90	-	81	89	-	87	356
Debbie Newell	-	79	-	88	84	84	-	84	340
Fred Veler	-	75	-	86	87	-	-	88	336
Jan Urban	89	-	-	-	86	76	-	78	329
Marti Anderson	80	72	-	-	-	-	100	70	322
Carl Moore	-	81	81	-	75	78	-	77	317
Sandy K Miller	81	80	-	80	-	73	-	75	316
Don Atkinson	83	-	-	-	78	70	-	82	313
Ellen Boomer	82	-	69	85	66	-	-	63	302
Sid Whaley	-	70	79	-	76	72	-	-	297
Linda Moore	-	74	76	-	73	64	-	68	291
Jackie Ritmire	-	-	70	83	69	67	-	-	289
Jim Sisco	77	65	-	82	64	-	-	-	288
Ken Lew	73	66	-	-	72	66	-	73	284
Rick Breseman	-	86	-	90	-	86	-	-	262
Sture Carlsson	-	-	-	-	89	85	-	86	260
H Gundersen	87	-	84	-	-	87	-	-	258
Jana Urbanova	-	-	-	-	83	77	-	85	245
Peter Golde	-	71	-	89	-	83	-	-	243
Lisa Nordlund	78	-	77	84	-	-	-	-	239
Ken Peters	-	-	82	-	80	69	-	-	231
Dave Tallent	-	-	-	-	82	68	-	80	230
S Frederickson	74	-	-	-	74	-	-	66	214
Mark Anderson	-	-	-	-	77	71	-	65	213
Toko Magnus	-	-	68	-	65	65	-	-	198
Ben Hall	-	90	-	-	-	90	-	-	180
Nils Ostenfor	86	87	-	-	-	-	-	-	173
Dan Waugh	-	85	-	-	-	-	-	83	168
Steve Miner	-	-	-	-	85	81	-	-	166
Aaron Charlop	79	-	-	81	-	-	-	-	160
Mac MacDonald	-	-	-	-	-	80	-	79	159
Mike Fritz	-	76	-	-	-	82	-	-	158
Gary Kraght	-	82	-	-	-	75	-	-	157
Than Nguyen	75	-	80	-	-	-	-	-	155
Patrick Kelley	-	-	83	-	68	-	-	-	151
Chris Burns	-	-	-	79	71	-	-	-	150
Dave Lilly	-	73	-	-	-	-	-	76	149
Michael Corey	76	-	-	-	-	-	-	71	147
Kirk Stahlbaum	-	-	-	77	-	-	-	62	139
Marchal Magee	-	-	-	-	70	-	-	69	139
Tyler Frederickson	-	68	-	-	-	-	-	67	135
Arne Skog	-	-	-	-	-	-	-	89	89
Howard Halter	-	-	-	87	-	-	-	-	87
Matt Ley	-	-	85	-	-	-	-	-	85
David Thatcher	-	84	-	-	-	-	-	-	84
Keith Wren	84	-	-	-	-	-	-	-	84
Rob Knutson	-	-	-	-	-	-	-	81	81
Dave Hall	-	-	-	-	-	79	-	-	79
Kjell Thompson	-	-	-	-	79	-	-	-	79
Brad Robinson	-	-	-	78	-	-	-	-	78
David Korthals	-	-	78	-	-	-	-	-	78
Scott Donald	-	78	-	-	-	-	-	-	78
Alison Keyes	-	77	-	-	-	-	-	-	77
Edwin Armistead	-	-	75	-	-	-	-	-	75
Brad Miner	-	-	-	-	-	74	-	-	74
Ted Smith	-	-	74	-	-	-	-	-	74
Ross Stevens	-	-	-	-	-	-	-	74	74
Wasser Schmitt	-	-	73	-	-	-	-	-	73
Chuck Ward	72	-	-	-	-	-	-	-	72
Daniel Baird	-	-	72	-	-	-	-	-	72
Henry Morgan	-	-	-	-	-	-	-	72	72
Margie Bone	-	69	-	-	-	-	-	-	69
Jonathon Newmark	-	67	-	-	-	-	-	-	67
Neil Smith	-	-	-	-	67	-	-	-	67
Terry Loving	-	-	67	-	-	-	-	-	67

Venita Casey	-	-	66	-	-	-	-	-	66
Mark Marshall	-	-	-	-	-	-	-	64	64
Bob Reddick	-	-	-	-	-	-	63	-	63

## PNW Rankings

Rankings cover events from March 1, 1993 to March 1, 1994.

Name	days ranked	points
1 Rune Hoel	5	100.0
2 Eric Bone	6	91.3
3 Ben Hall	7	89.9
4 Mark Howlett	9	88.3
5 Paul Magnus	10	88.2
6 Dave Enger	8	82.9
7 Rick Breseman	6	81.2
8 Bill Cusworth	14	79.0
9 Arne Skog	5	77.5
10 Harald Gundersen	6	75.6
11 Mike Miller	5	75.0
12 Debbie Newell	10	72.1
13 Steve McConnell	6	69.6
14 Dan Waugh	4	68.5
15 Fred Schmitt	4	67.9
16 Jan Urban	12	67.6
17 Peter Golde	10	65.7
18 Fred Veler	6	63.8
19 Mike Schuh	4	63.1
20 Arne Lund	4	62.1
21 Mac MacDonald	8	61.8
22 Mike Fritz	4	61.5
23 Nick Bone	7	61.2
24 Robert Miller	4	60.9
25 Jana Urbanova	8	59.2
26 Sandy Kish Miller	8	58.3
27 Chris Schreiner	4	57.8
28 Dave Tallent	6	56.4
29 Don Atkinson	8	55.6
30 Howard Halter/Blake Flynn	4	55.0
31 Carl Moore	6	52.6
32 David Stainsby	4	54.2
33 Mark Anderson	6	51.9
34 Sid Whaley	6	50.2
35 Aaron Charlop	4	47.382
36 Ardis Dull	6	47.377
37 Marti Anderson	4	46.6
38 Marchal Magee	4	45.4
39 Ken Lew	9	45.00
40 Linda Moore	5	44.98
41 Eva & Michael Corey	6	44.4
42 Lisa Nordlund	4	43.8
43 Steve Frederickson	5	41.5
44 Chris Burns	4	41.14
45 Jackie Ritmire	4	41.13
46 Ellen Boomer	5	40.5
47 Jim Sisco	5	37.5



# Upcoming Orienteering Events

## (call 783-3866 for latest information and details)

Date/Time	Location and Comments (events close to Seattle in bold)	Type	Club	Map	Contact
<b>MARCH</b>					
Sun., Mar. 20 10am-noon	Kelsey Creek Park, Bellevue. East from I-405 SE 8th Eit, cross Lake Hills Connector onto SE 7th and follow signs to park.	C	SAMM	color 1:3000	John Sincock (206)822-3621
Sun., Mar. 27 10am-noon	Farrel McWhirter Park, Redmond. Hwy 520 to end, straight on Avondale Way. Right on Novelty Hill Rd, then left and follow signs to park.	C	COC	color 1:3500	Vivien Fritz (206)481-5877
<b>APRIL</b>					
April 1-4	McQueen Lake, Kamloops, BC. Meets and training camp.	B/X	SAGE	color 1:15000	Doug Smith (604)372-1993
Sat., Apr. 9 10am-noon	Sacajawea State Park, Pasco, WA.	C	SACO	color 1:5000	Elis Eberlein (509)627-0378
Sun., Apr. 10 noon-2pm	Mt. Tabor Park, Portland, OR.	C	CROC		T. Landchild (206)696-9486
Sat., Apr. 16 10am-noon	Gonzaga University (park by Martin Center). Course registration 10:00am-noon. Teacher workshop 9:00 a.m.-4:00 p.m.	C	EWOC		John Beck (509)838-7087
Sat., Apr. 16 10am-noon	Fire Mountain Scout Camp, Mt. Vernon. New area! I-5 N to Mt Vernon, exit 227. E Hwy. 538, S Hwy. 9, left on Walker Valley Rd. to end.	B	COC	new clr 1:15000	Jim Sisco (206)778-7202
Sat., Apr. 23 10am-noon	Forest Park, Everett. West on 41st St. which becomes Mukilteo Blvd.; park is on Mukilteo Blvd.	C	SAMM	color 1:10000	Bob Reddick (206)487-0099
Sat., April 30 1:00-3:00pm	Manito Park, Spokane. I-90 Maple Street exit, 4th Ave. east to Stevens, right onto Stevens, left lane to Grand Blvd to park at 18th and Grand.	C	EWOC	color 1:5000	John Beck (509)838-7087
<b>MAY</b>					
Sun. May 1- Mon. May 2	Newcastle Island, Nanaimo, B.C. BC School Champs.	B	CVO	color 1:15000	Jim Traynor (604)743-9854
Sat., May 7 10am-noon	Sacajawea State Park, Pasco, WA.	C	SACO	color 1:10000	Elis Eberlein (509)627-0378
Sun., May 8	University of B.C. Endowment Land, Vancouver BC.	B	GVOC	color	George Pugh (604)261-1075
Sat., May 14 10am	Drunken Charlie Lake 3/6 hr. Rogaine, Duvall. Start at 11am sharp. I-405 to Bothell, 522 to Woodinville-Duvall Rd E to Duvall, N to Cherry Valley Rd.	X	COC	color 1:15000	Rick Hood (206)367-2606
Sat., May 14 noon-2pm	Champoeg State Park, Newberg, OR.	C	CROC		T. Landchild (206)696-9486
Sun., May 15	Canoe-O, University of Washington Canoe House. Trim Course.	X	COC	color	Rick Hood (206)367-2606
Sun. May 15 1:00-3:00pm	Riverside High School, near Spokane. N 34525 Newport Highway, Chattaroy.	C	EWOC		John Beck (509)838-7087
May 21-22	Sage Stomp, Kamloops, BC.	A	SAGE	color 1:15000	Alan Vyse (604)372-8607
Wed., May 25 5:30-7:00pm	Lake Sammamish State Park. I-90 exit at Hwy 900 and north to park. Possible mass-start event, see next issue or call hot-line.	C	SAMM	color 1:10000	Dave Enger (206)822-6254
May 28-29	Newcastle Island, Nanaimo, B.C.	B	CVO	color 1:15000	Jim Traynor (604)743-9854
<b>JUNE</b>					
Sun. June 5 1:00-3:00pm	Lincoln Park, Spokane. On 17th Ave.	C	EWOC		John Beck (509)838-7087
Sat., June 11 noon-2pm	Whipple Creek Park, Vancouver, WA.	C	CROC		T. Landchild (206)696-9486
June 11-12	Aspen Grove/Hamilton Corrals, Merritt, BC.	B	GVOC	color 1:15000	Jim Ackersfeldt (604)987-3239
Wed., Jun. 15 5:30-7:00pm	Luther Burbank Park, Mercer Island. I-90 Island Crest Way exit. North one block to 26th St., east to park.	C	SAMM	color 1:5000	Dave Enger (206)822-6254
Sat. June 18 10:00am-noon	Riverside State Park at Camp Seven Mile.	C	EWOC	color 1:15000	John Beck (509)838-7087
<b>MAJOR NATIONAL EVENTS (See Orienteering North America for additional listings)</b>					
April 9-10	U.S. Intercollegiate Championships, Devil's Soup Bowl, MI.	A		1:15000	
June 20-23	U.S. Championships, plus one-day Individual "A". Anchorage, AK.	A	ARCT	1:15000	(907)561-5582
June 25-26	North American Rogaine Championships, Kamloops, BC.	X	SAGE	1:30000	(604)372-9263
June 28-July 3	Colorado 5-day.	A	BSK	1:15000	(303)494-8695
Aug. 13-21	Canadian Champs, North American Champs, O-Fest, USOF Convention	A/X	ROC	1:15000	(716)865-2161
Sept. 10-11	USOF Sprint Champs, Individual "A", Cle Elum Ridge, Cle Elum, WA.	A	COC	1:15000	(206)367-2606

**CLUBS:**

COC: Cascade Orienteering Club  
EWOC: Eastern Wash. O. C.  
CROC: Columbia River O. C.  
HUSK: Husky O. C.

SAMM: Sammamish O. C.  
EOC: Ellensburg O. C.  
SACO: Sacajawea O. C.  
SAGE: Sage O. C., Kamloops B.C.

NISQ: Nisqually O. C.  
WIOL: Wash. Interscholastic O' League  
GVOC: Greater Vancouver O. C.  
VO: Victorienteers

**MEET TYPES:**

C: Regular local meet  
B: Large local meet, more courses  
A: National-level meet, must preregister  
X: Special event

*United States Orienteering Federation*

P.O. Box 1444  
Forest Park, GA 30051  
MEMBERSHIP APPLICATION

☐ New member    ☐ Renewal    ☐ Address Change

As a U.S. Citizen or U.S. Resident, I hereby apply for USOF membership. I understand that I am entitled to a one-year subscription to *Orienteering North America*, voting rights, and membership in the IOF. Please print.

Date \_\_\_\_\_ Yr. Born \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Home Phone (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

If family membership, list other persons:

Name \_\_\_\_\_ Year Born \_\_\_\_\_

Member of a chartered club? Club \_\_\_\_\_

- ☐ Individual \$25 member of a chartered club  
☐ Individual \$30 at-large  
☐ Family \$30 members of a chartered club  
☐ Family \$35 at-large  
☐ Student \$10 (21 & under)  
☐ Junior \$5 (18 & under/no vote/no magazine)  
☐ Individual Life \$300    ☐ Couple Life \$450  
 For mailing O/NA overseas (except APO & FPO):  
☐ \$5 extra surface    ☐ \$25 extra airmail

**What is USOF?**

Often in this newsletter, or in orienteering conversation, you will hear references to "yousoff," and you may have seen the magazine "Orienteering/North America." But why do they need so much money, you ask? We charge \$10/year for local dues, so why should it cost an extra \$25 to join an organization that doesn't seem to do much? The answer, of course, is that USOF does quite a bit.

The largest part of USOF dues goes for the O/NA subscription. This is not only a great source of information, it is well written and edited, and has many articles of general interest on health, exercise, and training. From time to time, we reprint articles from O/NA, and there are always copies available at major meets and club meetings. Most of the rest of USOF dues goes to pay for insurance. Although we, as individuals, might be willing to waive insurance, virtually all land owners, both public and private, require insurance as a precondition even to talking about using their land for orienteering. USOF members get a small rebate, about \$2 per national meet, to help balance out the insurance, but, basically, USOF subsidizes our meets. Without USOF, I doubt that either Cascade or Sammamish could afford the insurance to hold another meet.

So we encourage you not only to join your local club, but to join and support USOF. The magazine along is worth the cost. You will also find as many opportunities to serve on national committees as there are to serve locally. USOF, like our local clubs, has no paid employees, and does not pay travel or per diem expenses for its officers. USOF, like Cascade, is an IRS section 501c(3) corporation. Which means that donations, including out-of-pockets costs, are fully tax deductible. JOIN NOW!

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