



Notes from the Briar Patch

Delaware Valley Orienteering Association

Sept. 2005

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**Members of DVOA launch at the start of the
Canoe-O event at Nockamixon**

For more pictures, see page 21

DVOA Notes from the Briar Patch - September 2005

The **Delaware Valley Orienteering Association** is a non-profit organization founded in 1967 for the purpose of providing education and organized events in the support of recreational and competitive orienteering in New Jersey, Delaware and southeastern Pennsylvania. DVOA is a Mid-Atlantic regional member club of The United States Orienteering Federation (USOF) and the International Orienteering Federation (IOF). Inquiries about orienteering should be sent to DVOA, 14 Lake Drive, Spring City, PA 19475-2721, or use the DVOA telephone hotline (610) 792-0502 (9 a.m. to 9 p.m. EST) or e-mail at Frankdvoa@aol.com

Officers:

President	Ralph Tolbert	610-255-4181	410 Gypsy Hill Rd, Landenberg, PA 19350-1253
Vice President	John DeWolf	610-692-3632	1033 S. New St., West Chester, PA 19382
Secretary/Treasurer	Mary Frank	610-792-0502	14 Lake Drive, Spring City, PA 19475-2721

Trustees:

Term Expires Yr:

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2007	Bob Meyer	610-489-0875	
2008	Bob Gross	610-404-1185	2668 Plow Rd, Birdsboro, PA 19508
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"	Wyatt Riley		
Scout Activities	Ed Scott	610-582-2128	1608 Cocalico Rd, Birdsboro, PA 19508
Mapping	Jim Eagleton	215-283-0137	2507 Navajo Path, Ambler, PA 19002
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Equipment Set #3	Mark & Mary Frank	610-792-0502	14 Lake Drive, Spring City, PA 19475-2721
Equipment Set #4	Gerry Smith	732-922-8125	
Equipment Set #5	Ed & Judy Scott	610-582-2128	1608 Cocalico Rd, Birdsboro, PA 19508
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A-Event Coordinator	Randy Hall	610-935-3088	1632 Oak Hill Rd, Chester Springs PA 19425
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USOF: The United States Orienteering Federation membership entitles you to reduced rates at national events, national ranking points for "A" class participants, and receipt of Orienteering North America™ 8 times a year. Contact DVOA secretary for membership forms and information on nationally sanctioned two-day events.

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"Notes from the Briar Patch" is DVOA's official newsletter. It is published four times a year and is sent to currently enrolled members. Its purpose is to communicate information and serve as a forum for the exchange of ideas and opinions. Articles and letters are welcome and should be sent to the Briar Patch editor, who retains the right to print, edit or reject submitted material on the basis of its appropriateness to this publication and space limitations.

DVOA Hotline: 610-792-0502 (9 a.m. to 10 p.m. EST)
Visit DVOA on the world-wide web at www.dvoa.org

President's corner



Can you believe it? It's the end of summer, and the fall orienteering season is already underway. As many of us know, fall also signals the start of another school and college year. This year, for the third time, I sat in on a parents' session at a college orientation. The session leader asked parents questions about sending their son or daughter off to college: for whom was this the first student they sent to college, et cetera.

That got me to thinking about questions I would want to ask a gathering of our members:

Have you helped at a local event? At a DVOA national-level (A) event? An hour or two is all that's required, and no experience is necessary-only a willingness to help your club and fellow DVOA members. Check out the schedule of upcoming events, identify at least one event where you can spend an extra hour, and contact the event director. And speaking of event directors...

Have you served as an event director? We have numerous members who have, and many have expressed a willingness to serve as a mentor to someone interested in trying out the role.

Have you designed courses? You don't have to design all the courses at an event: offer to design white and yellow courses at a park you may already know fairly well or want to get to know better. Again, we have a number of members who have designed courses and are willing to provide guidance to new course designers.

Have you written an article for the Briar Patch? We all have stories to tell about our experiences in the woods-some of them good, some of them bad, most of them interesting. I enjoy hearing them, and I know our other members would like to read about them as well.

Have you helped with e-punching? The system keeps getting easier to use, and the more people who know the system means the more often we'll get to use it at local events.

At local events you frequently see the same people sitting behind the registration table, working the start and finish tables, designing courses. We need some new faces sitting behind the registration table, at start and finish, some new folks putting their creativity into course design.

"Experienced" volunteers might like to try some new areas that could help further grow the club-adventure racing, educational programs, setting up and coaching a school-based team-but they need other people to step up and fill in the roles they've been performing, the core competencies of orienteering. These new roles are what help to keep the sport fresh for them.

The last few seasons we've had to cross a few events off the schedule for lack of event directors. We have the maps that we could do two A-level events a year, but we've limited that to one a year because the feeling was that we were overextending our volunteers.

We have a large number of very good maps; they're a wonderful asset for our club. After all, what would an orienteering club be without maps? However, our greatest assets are our volunteers; without them, the club would not exist. We could have all the orienteering maps in the world, but without volunteers willing to work at the events, the maps would have no value to us.

Bottom line: in order for the club to continue to grow and be successful, Brer Rabbit-DVOA-needs you!

That's all for now, see you in the woods!

O-regards,

Ralph Tolbert

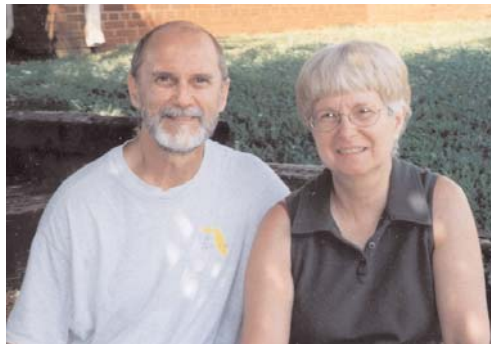
Scoring: "In the Beginning...."

*Listen, my children and you shall hear
Ere Kent-Shaw-scoring, I was here.
'Twas the 18th of April in '79
Hardly a man now in his prime
Remembers John Edwards said "Here again,
Bob's easily flattered, let's give it to him."*

Who better than Longfellow to invoke (with apologies) when the hoary sages are asked to unfetter their memories to tell of the genesis of your sacred institutions. Kent and Caroline Ringo recently asked me to put a short story together on how the DVOA scoring system got started.

'Twas about the summer of '78, in fact. But '78 didn't rhyme with "prime"....

We were into our third year of orienteering, Janet and I just walking, with Kate in my backpack (getting heavier with each season), when I began to compete individually. "Compete" is a poor descriptor of my results. I had not yet figured out I couldn't run on my toes like a track star for an hour or more, so my knees got sore, and I fell down a lot. I foolishly ran in blue jeans and a heavy shirt. I had not trained since college 15 years before, so I had no endurance. But I knew I could read maps as well as anyone and was motivated by Hugh MacMullan beating all of us at every single event. That guy just never seemed to get tired. I resolved to key my progress to his. But how, exactly?



Bob and Janet Putnam

I recall conversations with Hugh, John Edwards and Paul Kusko on this issue and all agreed a scoring system of some sort would be a good idea. I was the new kid, so when they all more or less said, "You do it," I felt honored rather than suckered, which was closer to the truth.

We knew that USOF had begun a national scoring system to award gold, silver and bronze patches to those at sanctioned events, and that system keyed on the top three finishers on each course. Not a bad place to start. Then, because our local DVOA events have so many people moving up and down in courses, it seemed necessary to be able to handicap the courses somehow so all could be on one list, even groups that first year.

Sometime in late 1978 or early 1979 I spent an hour, or less, working out a system that was soon published in the club newsletter. I thought I'd distilled the scheme to the simplest possible formula, understandable by all. They hooted me out of the room for its complexity. Coming from a long line of numb-skulls as I do, I ignored them and went on calculating. Mind you, this began in the days of manual calculations, so long winter evenings in our colonial cabin were put to use.

That first year's results, for the 1979 season, probably honored the top male and female correctly, but I was not satisfied that the whole field had been fairly treated. My pal Mark Frank (who had joined DVOA that year) was the first to suggest that my feeling in this regard was a direct result of my not winning myself. For the 1980 season, I tweaked the system a little. Mark called to remind me when I still didn't win. So, just to "win" at something, I kept making it a little more complicated each year. He kept calling.

We had a little ceremony at the January 1980 winter annual meeting, presenting plaques to the 1979 men's and women's scoring leaders. This became a fixture throughout the '80s. I suppose it still goes on.

At the fourth winter meeting, after the '82 season, where these scoring results were announced, Hugh MacMullan (who'd won the first three years) introduced the MacMullan Cup to be passed on to the overall winner yearly, with Mark Frank the first recipient. To that was added, after the 1983 season, the Frank Cup (first recipient: Sue Edwards) to be similarly passed along to yearly Women's winners. It was then that the MacMullan Cup became the Men's trophy.

About 1982, Stan Knight and his computer joined the Scoring Committee. From then on it was all I could do to resist complicating things ever further. Stan was a lifesaver. He was perfectly happy (at least I thought so) keying in all the data while I put my feet up, thought deep thoughts and took all the credit at the end of each year. Truthfully, we both toyed with multiple variations every year. I recall when I got my first Commodore 64 computer I was deriving least squares distribution functions for each course, intending to ask the computer at the end of the year to converge on the "true" ranking number for each person. Then I realized I'd have to explain it. So we resisted all but the simplest versions.

Most memories of those early days of the scoring system are of the people who, despite good natured ribbing, contributed to and supported this admittedly quirky obsession. John Edwards was the most helpful technically since he was always interested in the logic behind the math. Mark Frank I figure just owes me, big time, for devising a system in which he wins and I lose. Eric Weyman was not just the coolest orienteer for his superhuman times, but I remember him often dropping by my work to discuss this, among other things. Hugh MacMullan was, and is, an inspiration and helped me keep it in perspective. Stan Knight was the most cheerful partner in crime one could ask for. And to everyone else who helped (I can't remember everyone): bless you all for making it fun and worthwhile.

Our family left DVOA-country in the fall of 1990, and I turned the matter over to others. But before leaving, we were able to honor the first decade of DVOA scoring. I could have done the Decade thing after the 1988 season, since that was in truth the tenth year, but waited until 1989 so we could declare it to be the award for the "Decade of the 80s." While I was fairly proud of the whole thing, I was also a bit concerned that we were taking it too seriously, so for the decade awards. I imposed a counter-perspective gag factor. I mounted/nailed my oldest and foulest pair of Nike Eliminators (Paul Kusko remembers what they are) onto crude wooden stands for the Men's & Women's Orienteer-of-the-Decade Awards: Mark Frank and Sue Edwards. Despite the looks on their faces, I figured deep down they surely appreciated what I was trying to do. They got nice plaques too, but that was purely incidental.

I have not kept current on how Kent Shaw does things nowadays, but reliable spies tell me he's doing a great job. When I'm down here in Florida counting the number of orienteers FLO has sent into the woods (29,507 at this writing), imagine how it warms my heart to hear of Kent counting the number of footsteps DVOA'ers are taking each year, or some such minutiae. Thanks to him and all the others since 1990 for carrying on. Scorekeepers: I hope there will always be enough interested and competitive readers of the annual scoring lists to make it worthwhile. I always did—and Kent still does—try hard to get it right.

I trust all DVOA'ers, old and new, appreciate the unique blend of wonderful folks you still have with you who inspired your club in the early days with the spirit they brought and the fun they share to this day. May you live long, run hard and find The Way.

Bob Putnam

Valley Forge Fatlands - June 4, 2005

Event Director: Mary Frank Course Design: Mark Frank
National Trail Day Event

PI	Name	Class	Club	Time	ORANGE / 5.20km / 60.0m / 12 ctrls				
WHITE / 2.80km / 30.0m / 8 ctrls					1	Clem McGrath	M21	DVOA	30:22
1	Carol Pfister	F0	BSA T98	DNF	2	Mark Cornish	M45	DVOA	35:36
2	Dan, Lee & Elsie Graham	G3		DNF	3	Johnny Wrongway	M40	DVOA	38:42
3	Michael, Adam & Justin	G3	BSA T313	43:58	4	Jonathan Fink	M21	DVOA	54:48
4	Aaron Forringer	G4	GSA T329	46:37	5	Julle Keim	F21	DVOA	55:26
5	Puja, Danielle & Lynn	G3	Methacton HS47:16		6	Kim Pelle	M45	DVOA	57:04
6	Michelle Frank Group	G3	DVOA	54:35	7	Steven Getz	M40	DVOA	59:20
7	Kate Wurster	F21		54:48	8	Tim Gilpatrick	M40	DVOA	61:45
8	Mike Scaring	G6	DVOA	57:23	9	Rick Whiffen	M55	DVOA	66:02
9	James Doughan	G5		58:15	10	John Edwards	M65	DVOA	66:28
10	Emily Sattler & Anisha Grover	G2	Methacton HS63:49		11	Michael Forbes	M55	DVOA	67:57
11	Jenny/Jessica Boccardo	G2	DVOA	69:26	12	Joby Hilliker	M21	DVOA	68:32
YELLOW / 3.30km / 40.0m / 8 ctrls					13	Ryan Pfister	M18	troop 98	70:05
1	Joby Hilliker	M21	DVOA	25:52	14	Eric Pevoto	M35	DVOA	71:15
2	J J Munera	M14	BSA T313	29:00	15	Lou Thomer	G2		86:00
3	Shelly Hogan & Matt Campbell	G2	DVOA	37:35	16	Gregg Davis	M20	DVOA	87:40
4	Michael Jendzurski	G2	BSA T313	41:04	17	Dave Urban	M55	DVOA	91:14
5	Sarah, Wesley, & Nancy Dickson	G3	GSA T386	42:38	18	Corny ?	F14	DVOA	99:47
6	Rob Swift & Thomas Jendzurski	G2	BSA T313	48:12	19	Brenda Harder	F65	DVOA	102:25
7	Robert Frank	M12	DVOA	53:23	20	Peg Edwards	F65	DVOA	104:00
8	Eric Kramer	G2		55:36	21	Kathy Urban	F55	DVOA	105:17
9	Bob Shilling	G2		59:50	22	Larry Geist	M50	DVOA	107:16
10	Bob Grove's Team	G4	DVOA	72:42	23	Mike Schenk Group	G3		108:32
11	Linda Schenk Group	G3		74:17	24	K. I. McCane	M50	DVOA	108:53
12	Robert Friedel	G2		85:51	25	Rich Whiffen	M21	DVOA	123:44
13	Kathy Eddinger	G2	DVOA	97:49	26	Pat Keim	F50	SVO	156:12
14	Joseph/Evan Desantola	G2	BSA T71	114:13	Event Totals				
					Total Maps: 51				
					Total Runners: 91				

DVOA's Grapevine



If you have any news of interest to DVOA members—birth of a baby, a new address, a son or daughter off to college, an engagement or wedding, a milestone anniversary—we'll gladly print whatever space permits. Send the information to the Briar Patch editor, Nancy Sharp, 3439 Fairfield St, Laureldale, PA 19605, or by e-mail to njsharp@aol.com

Jason and Evelyn Tong have a new address:
14 Timothy Drive
Andover, MA 01810
978-475-4264 (h)

Evelyn took a new job in Andover and Jason is the trailing spouse; he's still working for Lucent, in its Massachusetts location. "Looks like we'll be UNO/NEOC members," Jason said, "but we're keeping DVOA as our primary club. Maybe we'll see you at BoulderDash. It's less than an hour from our new home."

DVOA O' Promotion and National Orienteering Day efforts

By Bob Rycharski, USOF National O-Day Director

This year DVOA has designated two orienteering events—both to be held on Saturday, Sept. 10—as National Orienteering Day (NOD) events. What does that mean? NOD events are just regular O events at which the meet organizers try to focus on attracting beginners and first-timers to our sport (by using e-mail or the media. Of course, regular members are welcome, too; it's just that if there are any sponsor gifts, they are earmarked for the beginners. Other nearby clubs are designating Sept. 17 as their NOD day (i.e. SVO's Rocky Ridge O promotion day is scheduled for Sept 17). Last year at each event, four brand-new Brunton baseplate compasses were given away, along with some sponsor baseball caps and Brunton logo shirts, in random drawings. In many other clubs, O tee shirts are given away and sometimes coupons for free orienteering at the next club event are randomly given out for to newcomers.

The meet directors at DVOA's Sept 10th Brandywine Creek State Park and Fort Washington State Park events can use your help at the volunteer table. Please consider helping out sometime during the registration period, either with training tips or just welcoming and encouraging the newcomers. Then you can say you helped USOF promote our outdoors sport in a new way—and maybe you will also make a new O friend. Last year USOF had 52 NOD events. Hopefully, if the weather is nice, the newcomers will enjoy themselves on a map hike and maybe come out for future DVOA events.

Good luck, and I hope for a good DVOA and newbie turnout at these two special beginner hikes. Please spread the good news.



Saying goodbye to Pakim Pond

We all said goodbye to the current Pakim Pond map on June 5th; the new map, being completed, will be used for an A-meet, probably next year. Taken from one point of view, Pakim Pond is a welcome change of pace from the typical DVOA terrain. The park is a beautiful example of South Jersey Pinelands, full of pine forest, blueberry, subtle topography, and a unique and intricate system of fire ditches.

June 5th was just early enough to avoid the dreaded Pinelands peril chiggers (if you've never experienced this tiny insect, count your blessings) but not the onset of summer vegetation. Course setter Bob Burg planned to do a little trimming to make a trail on the Yellow course easier to follow, and two weeks before the event that's all it needed. But when we actually set out to trim two days before the event, we found that the recent growth had given new meaning to the term "indistinct trail." It took the two of us four hours to clear the trail and two fire ditches. Then, on Sunday morning, Bob completed a little remedial trimming on a third fire ditch.

Bob designed a full set of courses, including a very long Blue course designed to visit some of the most beautiful areas of the park that aren't included on the new map. The Blue course was also the only course that skirted some spectacular tornado damage (left over from July 2004) on a more northern part of the map. Swaths of large trees had been uprooted, some just snapped in two 20 feet up their trunks. Some of the damage could be seen from the main park road, but the most breathtaking and humbling damage was along a dirt road leading out of the park.

After a cool spring, the weather suddenly warmed up just in time for the event. With the abrupt change in temperature, it seemed no one was acclimated to summer weather yet. The heat, along with the unaccustomed subtlety of the terrain, appeared to cause a number of runners to throw in the towel early in their courses. Interestingly, almost all the runners on the Long-O Blue course finished.

Again I was blessed with a wonderful group of volunteers. They all worked longer shifts than I would have liked without any complaint despite the uncomfortable heat. We were able to have e-punching due to the efforts of John DeWolf, Alice Bortz and Sandy Fillebrown. Sandy stretched the equipment to cover both the Pakim Pond event and a prior commitment to an HVO event. She did her usual programming magic and also printed the courses. John spent a lot of time training on the system in time to solo at our event. He was ably assisted by Alice, who was also training on the system.

Caroline and Kent Ringo brought the library with them and were there all day helping with registration, set-up and moral support. Kent also quietly rerouted the flags I had set up from Registration to Start that were leading people through a mudbath. Gerry Smith and Rick Slater, with son Drew, were there all day helping with Start, Finish and control pickup. Rick helped with control hanging on Saturday, and Gerry provided us with tables, chairs and tarps. Several volunteers helped with multiple jobs: Shelley Pennington, Registration and Start; Vadim Masalkov, Start and control pickup; and Ron Mavus, Registration and Finish. Clem McGrath and Robert Smith helped with control pickup. Eric Weyman was course consultant and helped with control pickup. And thanks again to Bob Burg. In addition to designing some great courses, he did more than his share of work and made life much easier for me.

Marianne Cassidy

Scenes from Pakim Pond



Alice Bortz handled the e-punch start.



Hugh MacMullan, John Swaren and Ron Bortz compare route choices



Rick Slater and son Drew carrying e-punch equipment.



Maryann Cassidy, co-director of the event.

Pakim Pond - June 5, 2005

Event Director: Maryann Cassidy

Course Design: Bob Burg

PI	Name	Class	Club	Time	Kim Pelle	M45	DVOA	DNF
WHITE / 2.90km / 10.0m / 9 ctrls								
					Brian Hill	M45	DVOA	DNF
1	Stephanie Zimmer	F14	DVOA	49:05	Kathy Urban	F55	DVOA	DNF
2	Sandy Van Staskus	G2	DVOA	54:45				
3	Gian Dodici	G4		57:37				
4	The Connellys	G2	DVOA	60:27				
5	Olds Boys	G2	DVOA	64:37				
GREEN / 6.10km / 25.0m / 10 ctrls								
1	Rob Wilkinson	M55	DVOA	70:27				
2	Bob Fink	M55	DVOA	77:58				
3	Ed Scott	M60	DVOA	98:07				
4	Donna Fluegel	F45	WCOC	113:39				
	Gary Dettinger	M40	SVO	DNF				
	Sandy Ahlswede	F35	DVOA	DNF				
	Hunter Cornish	M18	DVOA	DNF				
YELLOW / 3.70km / 10.0m / 9 ctrls								
1	Read Howarth	G4	DVOA	78:11				
2	Jerry Zimmer	M16	DVOA	78:58				
3	Drew Mazeyek	M45		81:30				
4	Caroline Ringo	F75	DVOA	91:00				
5	Joby Hilliker	M21	DVOA	99:22				
6	Michael Brown Family	G4		100:52				
7	Peter Zakrevski	G2	DVOA	109:55				
8	John Kalicki	M40	DVOA	110:41				
9	Mike Dobbs	G2		114:52				
10	Timothy Richards	G3		114:52				
11	Bryon Farnsworth	G3		119:46				
12	Jim Stavros	G3		119:46				
13	Larry Stevens	G2		121:46				
14	Yuri Zakrevski	M14	DVOA	157:22				
15	Alan Lavory & Laura Bryan	G2		161:40				
16	Brad Hofferkamp	M21	DVOA	167:22				
	Mirage Orienteers	G7	DVOA	DNF				
	Shelley Hogan	F21		DNF				
	Drew Slater	G2	DVOA	DNF				
RED / 8.20km / 55.0m / 14 ctrls								
1	Alex Berilo	M21	DVOA	64:00				
2	Serge Fedorov	M21	DVOA	72:37				
3	Michael Frei	M21	none	92:44				
4	Mark Cornish	M45	DVOA	101:18				
5	Warner Haag	M50	BAOC	102:39				
6	Johnny WrongWay	M45	DVOA	107:57				
7	Matthew Campbell	M21	DVOA	119:40				
8	Ron Bortz	M50	DVOA	125:35				
9	Rick Whiffen	M55	DVOA	170:04				
	Shelley Pennington	F21	DVOA	MP				
	Ron Cook	M45	DVOA	DNF				
	Eric Pevoto	M35	DVOA	DNF				
	Angelica Riley	F21	DVOA	DNF				
BLUE / 13.80km / 62.0m / 21 ctrls								
1	Clem McGrath	M21	DVOA	110:25				
2	Wyatt Riley	M21	DVOA	116:24				
3	Randy Hall	M40	DVOA	118:53				
4	Mihai Veres	M40	SVO	118:56				
5	Vadim Masalkov	M35	DVOA	121:52				
6	Florin Tencariu	M21	DVOA	135:38				
7	Jim Rayburn	M40	SVO	158:53				
8	Karl Ahlswede	M40	DVOA	165:30				
9	Brian Supplee	M45	DVOA	205:49				
10	Hugh MacMullan	M65	DVOA	207:12				
	Michael Forbes	M55	DVOA	DNF				
	Udaya Bollineni	M21	DVOA	DNF				
ORANGE / 5.40km / 25.0m / 10 ctrls								
1	Jamie Hill	F16	DVOA	101:17				
2	Gregg Davis	M21	DVOA	108:00				
3	Robert Smith	M45	DVOA	109:24				
4	Donna Zimmer	F45	DVOA	125:22				
	Deb Katz	F21	DVOA	DNF				
	Nicholas Scheffler	G3	BSGS-O	DNF				
	Mitch Zimmer	M50	DVOA	DNF				
BROWN / 4.10km / 20.0m / 9 ctrls								
1	Gerry Smith	M45	DVOA	82:11				
2	Valery Havaka	M21	DVOA	82:22				
3	Bob Rycharski	M45	DVOA	88:45				
4	Ron Mavus	M45	DVOA	93:34				
5	Ben Canales	M21		97:21				
6	Fred Huntington	M65	DVOA	105:12				
7	Dave Urban	M55	DVOA	146:09				
	Kent Ringo	M70	DVOA	DNF				
	Tom Olds	M40	DVOA	DNF				
Event Totals								
Total Maps: 75								
Total Runners: 106								

Hickory Run State Park - June 19, 2005

Those willing to spend three hours in the woods of Hickory Run State Park in mid-June were greeted by perfect orienteering weather: cloudy, with temperatures in the mid and upper 60s—quite a change from the muggy 80s and 90s of the preceding two weekends.

The main event was a three-hour score-O' with 25 controls, each worth between 20 and 40 points, with a maximum point total of 750. There was a mass start at 11 a.m., with maps given out about 10 minutes beforehand, imitating rogaine rather than normal orienteering rules. A severe penalty of 10 points was deducted for each minute over three hours. A look at the bottom of the results list will show who got caught out trying to do too much.

No one made it to all the controls, but Randy Hall got all but two, winning with a total of 690 points, even though his watch died on him before finishing. Eddie Bergeron and Clem McGrath both got 22 controls worth 665 points, but Eddie edged Clem by finishing a minute earlier. Sandy Fillebrown was the first woman and 8th overall. Wyatt Riley could have been a contender, but he had to leave early to catch a plane. Chuck Crabb came in after about an hour after twisting his ankle, and Alison and John Campbell were out for only the last 70 minutes after Alison ran the yellow course.

There were several reports of a bear spotted near control 1 shortly after the start, but he apparently wandered off, as later arrivals saw no sign of him or her.

The yellow and white courses were competitions between the Campbell and Ruberdall families, with Alison Campbell winning yellow and the Ruberdalls taking white.

Dave Urban, sidelined with a bum foot, was a critical helper at registration and finish, and got to witness his wife Kathy delivered to the finish in a park ranger's SUV about 15 minutes overtime. Other helpers included Sandy Fillebrown on results (as usual), Ed Scott and George Hart with registration and control pickup and Michael Forbes also doing pickup.

Rob Wilkison

Pl	Name	Gross Pts	Penalty	Net Pts	Time				
1.	Randy Hall			690		22. George Hart		130	(2:47)
2.	Eddie Bergeron			665	(2:50)	22. Dennis Wolfe		130	(2:47)
3.	Clem McGrath			665	(2:51)	22. Laura Eline		130	(2:47)
4.	Vadim Masolkov			575		25. Eric Pevoto		125	(2:57)
5.	Mark Cornish			565		26. Maryann Cassidy		125	(2:58)
6.	Jon Torrance	585	-140	445		27. Alison & John Campbell			105
7.	Wyatt Riley			430		28. David Evans		90	
8.	Sandy Fillebrown			385		29. Rebecca Meyer		85	(2:50)
9.	Johny Wrongway			355		29. Sheryl Meyer		85	(2:50)
10.	Steve Barr	355	-10	345		31. Chuck Crabb		80	
11.	Ed Scott			340		32. Marge Evans		60	
12.	Bob Meyer			310		33. Steve Aronson	75	-30	45
13.	Ury Backiev			295		34. Kathy Urban	55	-140	-85
14.	Bob Fink			280		35. Bob Berg	235	-340	-105
15.	Udaya Bollineni			255		36. Sharon Seigler	100	-560	-460
16.	Rick Whiffen			245					
17.	Steve Getz			205		Yellow: 2.9Km,45m climb, 7 controls			
18.	Larry Geist	205	-20	185		1. Alison Campbell	F-14	25:20	
19.	Kim Pelle			170		2. John Rubendall	G-2	34:01	
20.	Vic Culp	175	-10	165		White: 2.0Km,25m climb, 7 controls			
21.	Michael Forbes	160	-20	140		1. John Rubendall	G-3	25:57	
						2. Heather Campbell	F-10	35:05	

DVOA Notes from the Briar Patch - September 2005

Independence Day sprint results - continued from page 13

9 Randy Hall	DVOA	M40+	20:34	4 Sergei Fedorov	DVOA	M-21+	25:35
10 Vadim Masalkov	DVOA	M-21+	20:35	5 Ted Good	QOC	M40+	26:08
11 Tom Overbaugh	DVOA	M45+	20:47	5 Pavlina Brautigam	WCOC	F40+	26:08
12 Vladimir Gusiatnikov	BAOC	M-21+	20:48	7 Tom Overbaugh	DVOA	M45+	27:00
13 Pavlina Brautigam	WCOC	F40+	21:14	8 David Onkst	QOC	M40+	27:52
14 Mihai Veres	SVO	M40+	21:38	9 Randy Hall	DVOA	M40+	28:22
15 David Onkst	QOC	M40+	21:45	10 Peggy Dickison	QOC	F45+	30:03
16 Chris Gross	DVOA	M-21+	22:00	11 Nadim Ahmed	QOC	M40+	31:25
17 Peggy Dickison	QOC	F45+	23:01	12 Sandy Fillebrown	DVOA	F50+	34:47
18 Nadim Ahmed	QOC	M40+	23:22	12 Marcinko/ Resinski	DVOA	G2	35:18
19 Karl Ahlswede	DVOA	M40+	23:28	14 Daria Babushok	DVOA	F-21+	36:47
20 Glen Tryson	EMPO	M50+	24:47	15 Rob Wilkison	DVOA	M55+	36:53
21 Marcell Zombori	none	M-21+	25:06	16 Karl Ahlswede	DVOA	M40+	37:12
22 Daria Babushok	DVOA	F-21+	27:08	17 Valerie Meyer	QOC	F45+	37:38
23 Sandy Fillebrown	DVOA	F50+	28:51	18 Dave Darrah	DVOA	M60+	39:00
24 Rob Wilkison	DVOA	M55+	31:05	19 Sandy Ahlswede	DVOA	M35+	39:05
24 Valerie Meyer	QOC	F45+	31:05	20 Marcell Zombori	none	M-21+	41:20
26 Heidi Onkst	QOC	F40+	32:22	21 Heidi Onkst	QOC	F40+	43:16
27 Bob Gross	DVOA	M45+	32:59	22 Bob Groves	DVOA	M45+	44:07
28 Kim Pelle	DVOA	M45+	34:38	23 Eric Pevoto	DVOA	M35+	44:17
29 Janet Tryson	EMPO	F50+	35:12	24 Mark Jacobson	none	M-21+	53:22
30 Marcinko/ Resinski	DVOA	G2	35:17	25 Tim Walsh	DVOA	M55+	59:06
31 Kent Shaw	DVOA	M55+	36:10	26 Michael Forbes	DVOA	M55+	1:01:57
32 Fred Kruesi	DVOA	M50	36:21	27 Roger Martin	DVOA	M60+	1:08:05
33 Bill Shannon	DVOA	M65	37:14	28 Bill Shannon	DVOA	M65	1:11:12
34 Eric Pevoto	DVOA	M35+	38:16	29 Maryann Cassidy	DVOA	F50+	1:13:14
35 Sandy Ahlswede	DVOA	M35+	38:43	30 Deb Samans	DVOA	F50+	1:13:44
36 Julie Keim	SVO	F-21+	39:41				
37 Michael Forbes	DVOA	M55+	42:19	Willows 2: 3.2 km. 95 m, 12 C			
38 Bob Groves	DVOA	M45+	42:51	1 Jon Torrance	OOC	M-21+	17:48
39 Joby Hilliker	DVOA	M-21+	43:17	2 Eddie Bergeron	SVO	M35+	18:53
40 Tim Walsh	DVOA	M55+	47:23	3 Vadim Masalkov	DVOA	M-21+	19:14
41 Maryann Cassidy	DVOA	F50+	52:47	4 Wyatt Riley	DVOA	M-21+	19:31
42 Mark Jacobson	none	M-21+	53:08	5 Ted Good	QOC	M40+	20:27
43 Rebecca Brown	none	F21+	55:07	6 Nadim Ahmed	QOC	M40+	21:20
44 Deb Samans	DVOA	F50+	56:10	7 Randy Hall	DVOA	M40+	21:54
45 Jorge Cabrales	none	G/	57:00	8 David Onkst	QOC	M40+	23:36
46 Pasha Temkin	none	M-21+	58:27	9 Karl Ahlswede	DVOA	M40+	24:45
47 Galina Robinson	none	F-21+	1:17:03	10 Marcinko/ Resinski	DVOA	G2	25:38
48 Kathy Urban	DVOA	F55+	1:31:58	11 Peggy Dickison	QOC	F45+	32:53
				12 Joby Hilliker	DVOA	M-21+	39:07
				13 Heidi Onkst	QOC	F40+	39:33
Willows 1: 3.2 km, 95 m, 12 C				14 Valerie Meyer	QOC	F45+	39:47
1 Jon Torrance	OOC	M-21+	21:21	15 Bob Groves	DVOA	M45+	40:31
2 Joseph Brautigam	WCOC	M40+	22:08	16 Tim Walsh	DVOA	M55+	50:08
3 Eddie Bergeron	SVO	M35+	22:37				

Making the Mount Misery map

In 2002 Eric Weyman held a workshop on map making at our house, which is on Mount Misery. At that time I was given copies of the base map that was used to make the Mount Joy map but which also covered Mount Misery.

In the workshop Eric taught us how to make maps using colored pencils and Mylar on top of sections of the base map. To make maps by this method you need to be neat and tidy, which I am not, so I suspected that I would have difficulty with the method. This turned out to be true when I tried it out.

I had previously made maps for environmental organizations such as The Nature Conservancy and the Natural Lands Trust. These maps did not require the accuracy of an orienteering map (especially relative to the relative placement of features), so it was possible to use a GPS unit. I used an incremental approach for these maps, taking GPS measurements in one visit, and then using the measurements to produce a partial map, which I used as a base for my next mapping trip.

As I had a copy of OCAD (the software used these days for producing orienteering maps), I decided to use the incremental approach for Mount Misery. It worked well.

Contours

The base map of Mount Misery had areas where the contours were not defined. These areas were either in deep shadow (the equivalent of *terra incognita* on ancient maps) on the aerial photographs that were used to produce the base map, or the actual ground was obscured by mountain laurel. To fill in these blank areas I tried to “walk the contours.” This involved starting at a point where there was a defined contour on the base map and then walking at a constant level until I got to another point where the contour reappeared on the base map.

Unfortunately, I need to improve my contouring skills. I tried “walking the contours” a couple of times but ended up on contours too high or low. I was despairing of a means to solve this problem when Liza Rupp of Valley Forge Park came to my rescue. The park had been given a set of electronic contours of Mount Misery produced by a commercial firm as part of a contract outside the park. These contours fitted in well with the contours that did exist on the base map, so I used them to fill in where contours were missing on the base map. I then validated the contours by walking the areas (not an easy task on the steep, rocky hillsides in some areas).

New Symbols

As I made the map, I thought how it would be nice to have some extra orienteering symbols. Here are my semi-serious suggestions:

a) A knoll-and-depression symbol. You sometimes see point knolls and shallow depressions next to each other. This is often due to a large tree falling over and pulling up its roots to form a rootstock. Where the roots were located you get a depression, while after the rootstock is rotted away you get a point knoll. Sometimes these features are large enough that you would like to map both of them. On Mount Misery there are a good number of such features. I do not think they are due to downed trees but due to exploratory diggings.

Unfortunately, on a map there is often not enough space to include both features. Lacking a symbol for the combined feature I had to decide which of the two was the most obvious to the orienteer and then map that one.

b) More rocky-ground symbols. Mount Misery has lots of rocky areas. The symbols the mapper has to work with are the rocky ground and boulder field symbols. These are used at differing densities to denote the amount of rock. After a period of mapping these areas, there seemed to be more range of rocky ground types than I could describe using those features. So I would like more sym-

bols. I suppose the orienteer is not so interested in these subtleties when traversing such areas. More likely they are muttering rude words about the course setter sending them through the rocks!

c) The rocky-footpath symbol. The trails on Mount Misery are eroded in places, making them rocky and difficult to run on. I would like a symbol that would help persuade orienteers to run in the woods rather than on the trails.

Printing

Once the map looked good when printed on my home ink-jet printer, a decision had to be made how to print the map in sufficient quantities for a meet. One option is to photocopy the map, but the quality of the print can then be questionable. Another option is to use offset printing (the method used for most DVOA maps), but that involves high set-up costs, and is appropriate for high-quantity print runs. A third option is to electronically transfer the map to a laser printer /copier, and that is the approach I decided to take.

The next issue to be faced is getting the colors to look the way you want them. The colors you obtain on a laser printer can be quite different from those you see off an ink jet. It took a number of visits to the printer to get the greens acceptable. Unfortunately, the brown turned out to be a little light, and brown features on the map tend to be swamped by black features. Next time the map is printed that problem can be eliminated.

The Future

There is a further part of the Valley Forge base map that has not appeared on an orienteering map. That is the area between Route 23 and the Schuylkill River that is west of Valley Creek. It has a feature that I find intriguing: the remains of a mill race that ran up a stream valley, opposite the way the stream runs.

I hope to finish mapping that area in 2006 and organize a meet using an extended Mount Misery map. Come along and enjoy!

Mike Bertram

Meet Report - Mount Misery, 24th July 2005

Originally Kathy and I volunteered to run a meet at French Creek this summer, but this interfered with other French Creek meets, so we had to select another site. There are lots of places where summer orienteering is not a pleasant experience due to the vegetation. Luckily my mapping of the main part of the Mount Misery area was nearing completion. The woods there are open all year round, so we decided to use the new map for the event.

The Mount Misery map is not large, so we were very happy to accept John De Wolf's offer to run electronic punching. This gave us a lot more flexibility in course planning.

As the time of the event approached, and once the maps had been printed, the main concern became the weather. We were very lucky, as it was humid before and after the event, but the weather was more pleasant for the weekend itself.

As usual we tried to produce enough maps before the event so that we did not have to make any on the day. The record number of people on the yellow course caught us out. In contrast we overestimated the number of orange runners.

Thanks go to those who helped on the day: Alison Campbell, John & Peg Edwards, Mark, Robert & Mary Frank, John De Wolf, Sandy Fillebrown, Tim Walsh, Johnny Wrongway.

Mike Bertram

DVOA Notes from the Briar Patch - September 2005

French Creek North - July 10 - continued from page 15

10	Ralph Tolbert	M50	DVOA	109:27	3	Jim Rayburn	M40	DVOA	94:15
11	Mary Frank	F45	DVOA	114:07	4	Hugh MacMullan IV	M35	DVOA	119:17
12	Bob Fink	M55	DVOA	115:45	5	Johny WrongWay	M45	DVOA	122:08
13	Fred Kruesi	M50	DVOA	116:54	6	Steve Barr	M21	DVOA	126:56
14	David Seifrit	M35	DVOA	123:50	7	Shelley Pennington	F21	DVOA	129:08
15	Mike Hoinowski	M21	DVOA	126:07	8	Sam Listwak	M45	QOC	129:10
16	Dale Parson	M50	DVOA	128:42	9	Sandy Fillebrown	F50	DVOA	134:49
17	Kim Pelle	M45	DVOA	135:28	10	Udaya Bollineni	M21	DVOA	135:40
18	Harry Nevus	M40	DVOA	139:53	11	Rick Whiffen	M55	DVOA	193:25
19	Kathleen King	F50	DVOA	146:19	12	Guy Olsen	M45	DVOA	205:33
20	Steve Aronson	M45	DVOA	147:18		Ron Bortz	M50	DVOA	NC
21	Tom Perry	M45	SVO	149:35					
22	Mark Kern	M60	DVOA	151:40					
23	Julie Keim	F21	DVOA	158:05					
24	Ron Hoinowski	G2	DVOA	160:26					
25	Donna Terefenko	F50	DVOA	174:16					
26	Mike Borovicka	M55	DVOA	192:30					
27	James Kite	G2		195:20					
	Sharon Siegler	F55	DVOA	MP					
	Bob Burg	M55	DVOA	MP					
	Christine Alaniz	F18	DVOA	MP					
	John Edwards	M65	DVOA	MP					
	Dave Darrah	M60	DVOA	MP					
	Csaba Tisztartó	M35	HVO	MP					
	Kent Shaw	M55	DVOA	DNF					

BLUE / 10.30km / 275.0m / 18 ctrls

1	Randy Hall	M40	DVOA	94:14
2	Wyatt Riley	M21	DVOA	95:27
3	Clem McGrath	M21	DVOA	98:11
4	Mihai Veres	M40	SVO	106:26
5	Florin Tencariu	M21	DVOA	109:17
6	Karl Ahlswede	M40	DVOA	141:27
7	Mark Cornish	M45	DVOA	149:08
8	Brian Supplee	M45	DVOA	164:55
9	Matthew Campbell	M21	DVOA	171:32
	Mike Bertram	M55	DVOA	MP
	Joby Hilliker	M21	DVOA	MP

Event Totals

RED / 7.70km / 205.0m / 14 ctrls

1	Sergei Gnatiouk	M35	HVO	88:47
2	Mark Frank	M45	DVOA	92:52

Total Maps:	131
Total Runners:	159

French Creek West - June 12 - continued from p. 11

5	Sandy Fillebrown	F50	DVOA	83:29	4	Vadim Masalkov	M35	DVOA	95:33
6	Jon Prine	M21	DVOA	96:19	5	Karl Ahlswede	M40	DVOA	105:46
7	Hugh MacMullan	M65	DVOA	97:21	6	Jim Rayburn	M40	DVOA	110:52
8	Joby Hilliker	M21	DVOA	106:09	7	Johny WrongWay	M45	DVOA	111:11
9	Steve Gong	M21		117:32	8	Matthew Campbell	M21	DVOA	124:03
10	Rick Whiffen	M55	DVOA	121:25	9	Brian Supplee	M45	DVOA	127:37
11	Resinski Murray & Cherri Marcinko	G2	none	131:38	10	Mike Bertram	M55	DVOA	135:48
12	Bob Burg	M55	DVOA	134:21	11	Udaya Bollineni	M21	DVOA	152:49
13	Steven Getz	M40	DVOA	138:48					

Event Totals

BLUE / 10.30km / 305.0m / 16 ctrls

1	Clem McGrath	M21	DVOA	75:31
2	Mihai Veres	M40	SVO	76:27
3	Florin Tencariu	M21	DVOA	81:56

Total Maps:	104
Total Runners:	136



More scenes from DVOA's June 2005 Canoe-O event at Nockamixon.



Rocky Mountain Orienteering Club

A tale from the Colorado five-day relay.

In the four-point category, DVOA knew they were facing strong competition from SVO & RMOC.

On the first leg, Angelica was pitted against Brad Whitmore (M50 SVO) and Neal Barlow (M35 RMOC) - Neal had not run at all the previous day, and Brad had skipped the Night-O' to rest for the Relay, whereas Angelica had run two hard races the previous day and night. While Neal and Brad led out of the gates, Angelica was navigating and running well, and finished within 15 seconds of both Brad & Neil. Along with them, a Scandinavian team and an M14 on BAOC's four-point team finished as well.



DVOA's 12-point relay team: Jim Eagleton, Sandy Fillebrown, Daria Babushok and Lynn Aldrich

On the second leg, Vadim was faced with a daunting task - keep up with Mark Voit of SVO, one of the fastest runners in all US orienteering. While Mark managed to out-run Vadim up the first hill, Vadim kept focused on the navigation and managed to catch back up with Mark after he'd made a few bobbles. Meanwhile, the 'Scandinavian' team and BAOC's Jim Waite had a very clean run together, and finished the second leg in first place, followed a few seconds later by Mark Voit, and then a few seconds later by Vadim!



DVOA's four-point relay team: Clem McGrath, Wyatt Riley, Angelica Riley and Vadim Masalkov.

On the third leg, Clem was pitted against Mihai Veres, and BAOC had Steve Gregg. On the very first leg, it was clear that Mihai and Clem were much stronger than Steve Gregg, and they ran away from Steve Gregg. Yet somehow, the Steve Gregg relay magic took over again, and Mihai and Clem made a 5-7 minute error mostly together, allowing Steve Gregg to briefly take the lead again! Mihai recovered just before Clem, passing Steve mid-course, and Clem held onto the same approximately two minute-gap all the way to the end.

Starting the fourth leg, Wyatt was starting two minutes behind Eddie Bergeron, and Eddie had already proved himself to be one of the fastest Colorado orienteers on previous days of competition. Three minutes later, BAOC's Mark Prior starting, and over 10 minutes further back, but not to be discounted, RMOC's Mikell Platt started the last leg. After Wyatt made about a one-minute route error on the way to #2, and BAOC's Mark Prior gave a Sprint-O'-paced early effort to catch up, BAOC's Mark Prior had passed Wyatt by #3, about 2.5km and 250m climb into the 8km course... On the way

to #4, Mark and Wyatt chose different routes, and on the long, technical course back toward the finish area, neither knew who was ahead.

Just before the spectator control, Mark made a few-minute error, allowing Wyatt to come into the spectator control in second place, three minutes ahead of Mark Prior. In the final kilometer after the spectator control, as advised by his teammates, Wyatt gave a careful effort, holding second place for DVOA, over 10 minutes behind SVO after a great run by Eddie Bergeron.

In the 12-point category, the DVOA team of Lynn Aldrich, Daria Babushok, Sandy Fillebrown and Jim Eagleton pulled off a stunning second-place finish - the details of that story are to-be-written!

Musings from the field...

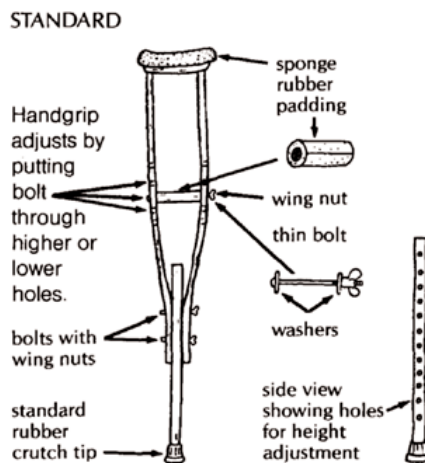
What was I thinking?

Dale Parson

The orthopedic surgeon whom I met this morning said to stay off my foot for at least a week, maybe two if it still hurts, so that I don't mess it up further. Apparently the vertical fracture that I incurred while orienteering Sunday often causes the bone to separate, but mine didn't, and I'd like to keep it that way. 6 to 8 weeks total healing time, as usual.

This shouldn't cause any problems for doing Mt. Penn Pagoda field work starting late September. I am going to do some rethinking running in the woods, though. After a kneecap scraped by quartzite on a fall at Hawk Mtn. in '96, heel spur from Green Lane fieldwork in '98 (probably my shoes), rotator cuff damage twice by two falls in '01 (and months of therapy), bad ankle damage to the same ankle in '03 (didn't have it x-rayed, and this morning's x-ray showed that I probably had two fractures in '03), and now this, I guess I'd rather be able to come out and walk reliably rather than putting myself out of commission for 8 weeks every year. (Last year it was a kayaking accident that I only aggravated by doing the long O a week later, but that doesn't count as a O accident.)

Does anybody else ever think about not running in the woods?



Thousands of tired, nerve-shaken, over-civilized people are beginning to find out that going to the mountains is going home; that wildness is a necessity; and that mountain parks and reservations are useful not only as fountains of timber and irrigating rivers, but as fountains of life.

John Muir, naturalist, explorer, and writer (1838-1914)

O-Puzzle By Jean O'Conor

SUDOKU-O

		▲	⊞		○	∩	
>	•			∨			⊞
			>		•	∩	∨
∨	∩		▲	∩			
		○			∩	∨	▲
▲			∨	⊞		•	○
	>	∩				▲	
		∩	∩		•	∨	
			⊞				•

Help the event director set courses for this event. She needs nine courses using the same nine features for each map. The nine maps are outlined in the grid below and some of the controls are already in place. Your task is to map the rest of the controls so that there is only one of each feature in each row, each column, and each map.

