



# Tucson Orienteering Club

October, 1993

---

## Two Days of O at Slavin Gulch, Oct. 16-17

by Pat Penn

Join us at one of our newest and most scenic sites at the Dragoons (Slavin Gulch) in October. Last year at our first meet here, the place was dazzling; it should be equally beautiful this fall.

- \* Crank up your mountain bike (and don't forget your helmet) for the Bike-O on Saturday (course by Mark Parsons).
- \* Leave your gaiters, long pants and big boots at home for the wonderfully runnable 3 regular courses Sunday (courses by Pat Penn).
- \* Bring your camping gear and campfire games, for who knows what might happen on Saturday night.
- \* On your way in, note the historical marker and discover what a 'Dragoon' is.

### Meet Schedule:

#### Saturday, October 16 - Bike-O

- 9:30 AM Registration
- 10:00 AM Courses open. You **MUST** wear a helmet on the course.
- Noon Last time to start a course
- 2:00 Pm Course closes; everyone must check on at the start

continued on p. 3

## **Tucson Orienteering Club Calendar**

<b>October 8</b>	<b>Business Meeting</b>	<b>4600 N. Ave del Cazador</b>
<b>October 16-17</b>	<b>TOC Meet</b>	<b>Slavin Gulch</b>
<b>November 13-14</b>	<b>STATE CHAMPIONSHIPS</b>	<b>Catalina State Park</b>
<b>December 19</b>	<b>TOC Meet</b>	<b>Bajada Loop</b>

**What is Orienteering?** You use a map and compass to find your way through unfamiliar terrain. We place orange and white markers (controls) at various places on the map. The object is to locate the controls in the shortest possible time and return to the finish. You choose the route between controls. Beware: the best route may not be the direct route. At each control you punch a card to verify that you were there.

**What Equipment do I need?** Only a compass. The best aren't necessarily the fanciest, ask for advice at a meet. You can rent one from the club for \$1. We supply a map. Wear running shoes or lightweight hiking boots and old clothes (long pants and long-sleeved shirts are recommended.) Wear a watch, since there is a time deadline. You may want to carry a water bottle. Although water is available on the course, it never hurts to have some of your own on a hot day.

**How do I get more information?** Call Peg Davis. If you have a question about the upcoming meet, call the meet director.

### **TOC OFFICERS**

<b>President:</b>	<b>Pat Penn</b>	<b>326-2339</b>
<b>Vice-President:</b>	<b>Scott Hill</b>	<b>296-4178</b>
<b>Secretary/Treasurer:</b>	<b>Laurie Fellows</b>	<b>790-3652</b>
<b>Membership Secretary:</b>	<b>Marilyn Cleavinger</b>	<b>795-2081</b>
<b>Equipment Chairman:</b>	<b>Mary English</b>	<b>881-4786</b>
<b>Map Chairman:</b>	<b>Roger Sperline</b>	<b>577-8519</b>
<b>Publicity Chairman:</b>	<b>Peg Davis</b>	<b>628-8985</b>
<b>Newsletter Editor:</b>	<b>Sue Roberts</b>	<b>577-8519</b>

**Slavin Gulch (Dragoons) October 16-17, continued from p. 1:**

**Sunday, October 17**

9:00 Registration opens. Beginners' clinic starts. Clinics repeated upon request.

9:30 Courses open

Noon Last time to start a course

2:00 Courses close. Everyone, finished or not, must check at the Timing table; anyone not checked in will be considered LOST - so please save us the considerable effort of going to look for you by checking in with us promptly. Control retrieval begins, volunteers will be joyously welcome. Get extra orienteering practice!

**Cost:** \$5./individual, \$7./team; \$2. discount for TOC/SAHC members. Compasses can be rented for \$1. Whistles may be purchased for \$1.

**Camping:** Bring gear for primitive camping, including water and wood. Small RVs and campers will work at this site.

**Directions:** Take I-10 East from Tucson to exit 303 (Benson, Tombstone, Bisbee, Douglas, and Highway 80. Take AZ Highway 80, south approximately 24 miles to marker 315 where you turn left onto Middle March Road. Go ten miles and six or seven cattle guards east. When you reach the forest boundary, turn left onto a good dirt road, following the O-signs (stop at the historical plaque). We will be at the same site as last year. This is a 1-1/2 to 2 hour drive from Tucson.

**For more information or to volunteer to help:** call Scott Hill at 296-4178. We still need a meet director for this meet.

**Miscellanea:**

**Next Business Meeting Friday, October 8.** The next business meeting will be held at Roger Sperline's, 4600 N. Avenida del Cazador. Potluck dinner at 6:30 followed by the business meeting at 7:00. The pool should still be warm, too. Call for directions.

**Deadline for the November newsletter is October 25.** Announcements of events held before December 14 should appear in the November newsletter. Contributors to this issue are Mark Parsons, Pat Penn, and Roger Sperline. **Address Changes:** Send to the Membership Chair or the TOC Post Office Box, allow 6 weeks for changes to take effect.

## **Election of Officers for 1993**

It's time to think about nominations for the Board of Directors for 1993. Read the list of officers duties below. Do you see yourself in one of these positions? Do you see anyone else that would be perfect for one of the jobs? If you'd like to run for office or would like to nominate someone for an office (with their permission, of course), call Pat Penn. We'll run the list of nominations in the next newsletter. If more than one person is nominated for any position, ballots will also be in the next newsletter.

You must be a TOC member to hold office (to join, see the form on the last page of the newsletter). Only the Map Chair position requires any orienteering experience. Enthusiasm is the most important qualification for any other office.

**President:** Directs and coordinates the affairs of the Tucson Orienteering Club. Presides at board meetings and at general meetings. Plans and sets dates for meets and other activities. Empowered to appoint chairs of special committees. Signatory at Bank.

**Vice President:** Coordinates preliminary meet logistics and obtains permits for meets. Finds meet director and course setter for each meet, and if necessary, obtains help for meets. Presides in the absence of the president.

**Secretary/Treasurer:** Picks up mail from P.O. Box and distributes it on a timely basis. Answers inquiries about membership. Informs membership chair of new members and address changes. Records minutes of meetings. Maintains financial records of the club.

**Membership Chairperson:** Maintains a computerized database for club membership and meet participation records. Provides mailing labels for the newsletter. Keeps all meet registration records.

**Newsletter Editor:** Prepares, prints, and mails the newsletter. Responsible for printing information about upcoming meets, results of past meets, and information or articles of interest to the members. Mails newsletter 10-14 days before scheduled meets. Sets publication guidelines. Distributes ribbons. Logos and graphics are currently in Word Perfect 5.1 format.

**Publicity and Education Chairperson:** Prepares press releases and distributes information to appropriate media sources. Coordinates educational services.

**Equipment Chairperson:** Maintains an accurate inventory of club equipment and supplies. Gives equipment and supplies to meet director 4 to 7 days in advance of scheduled meet. Stores, maintains, and replenishes equipment and supplies when needed. Notifies the president of equipment losses and needed replenishments. Need shed, closet, or garage space.

**Map Chairperson:** Maintains map library available. Identifies new areas for map development, coordinates mapping activities for new and existing areas.

1993 Arizona State Champs  
November 13-14  
Catalina State Park

Registration Form and Details in this Newsletter

Questions you may have about the November State Champs meet

**I'm not very good at this, I'm just a beginner) can I orienteer at the State Champs meet?**

Yes, everyone is welcome. This will be a normal club meet except that the winners will become the Arizona State Champs. There will be the normal basic and intermediate courses and recreational entries are welcome.

**Why do I have to preregister for this meet?**

Because we're using color maps which are a lot more expensive to print than the usual black-and-white maps. We need to know about how many people will be there to have the correct number of maps. We can't afford to copy an extra 100 or so maps at \$0.50 - \$1.00 each.

**What is this pre-assigned start time stuff about?**

Everyone who preregisters will get an assigned start time. At that time they will receive their map (with the courses printed on it) and their clue sheet. You will not have to copy the course onto your map. Just look at it and go. Allow yourself 10 minutes to walk to the starting point.

**What if I don't preregister?**

Come on out anyway and run the courses. BUT, if we run out of color maps you'll only get the usual black-and-white map. AND you'll have to copy the course onto the map (like usual). This'll cost you time if you're competitive. You may also have to wait for your start time if we get lots of pre-registrants.

**How come you're doing it this way?**

This is closer to the way standard orienteering meets are run. All A-meets and most state or club champs events are run in this manner. We thought it was time to test this out.

**How are the color maps different from our normal maps?**

They're easier to read and contain more information. Contours are printed in brown, trails, roads, buildings, cliffs, etc. are printed in black. Water features are blue. So it's easier to tell trails from contours. Vegetation is also marked in green (thick vegetation; slow running); white (open forest – we don't have much of that); and orange (open with good visibility). So you can choose routes to avoid thick vegetation, etc.

continued on p. 9

INTERNATIONAL ORIENTEERING FEDERATION (IOF) SYMBOLS  
ORIENTEERING SHORTHAND

*Reprinted from the 11/89 TOC Newsletter*

Something that all participants at TOC events will soon be seeing are IOF symbols on master map boards. What are IOF symbols?

These symbols are standard forms of notation which have been adopted on a worldwide basis to provide orienteers with detailed information concerning control features and control locations. When using IOF symbols as 'clues' to where control markers are located, it is not necessary to copy a lengthy English language description. As an example, instead of copying a clue for control #2 with control code AB as 'Foot of cliff which is 9m high', the orienteer can annotate the same information with the following symbols:

2	AB	III	9.0	L	
---	----	-----	-----	---	--

This is obviously a quicker way of describing control features and locations than writing the English language clues!

The format for using IOF symbols consists of eight columns, each containing specific kinds of information relevant to the control feature and actual location of the control marker. This is illustrated by the following example:

A	B	C	D	E	F	G	H
7	60	III	▲		2.0	0	⊖

Column A lists the control number (control 7).  
 Column B gives the control code (code 60).  
 Column C is which of a number of similar features (middle).  
 Column D describes the control feature (boulder).  
 Column E gives details of appearance.  
 Column F gives the dimensions of the feature (2m high).  
 Column G gives the location of the control marker (north side).  
 Column H is for supplemental information (water control).

The English language for the above example would be:  
 'Control 7, control code 60, is on the north side of the middle boulder which is 2m high. Water is available at this control.'

Listed below are examples of symbols used to describe control features and control locations.

Column C

	northern
	southwestern
	upper
	lower
	middle
	between

Column D

	terrace
	spur
	reentrant
	gully
	dry ditch
	hill
	small knoll
	saddle
	depression
	small depression
	pit
	cliff
	bare rock
	boulder
	boulder field
	stony ground
	stream
	clearing

Column D (continued)

	thicket
	vegetation boundary
	tree cluster
	road
	trail
	wall
	fence
	bridge
	building
	ruin
	rock pillar
	single tree
	rootstock

Column E

	shallow
	deep
	overgrown
	open
	rocky
	sandy
	end (or beginning) of
	bend
	junction
	crossing

Column F

	height in meters
	length/width in meters

Column G

	northern side
	southeast edge
	west corner (inside)
	northeast corner
	eastern tip
	western part
	upper part
	lower part
	on the top
	southern foot
	at the foot of

Column H

	drinks
	manned control
	first aid

## '93 State Championships Map/Courses - by Roger Sperline

The new color map for the November event at Catalina State Park is nearly finished. I've entered a map area of about 11" x 11" at 1:15,000 into OCAD and have only one more field checking session left (finally!). All the areas being used for the Champs will have been explored on foot. The 5 m contour portion of the map is outlined to contrast with the 12 m contour portions, but in one area I've surveyed on foot and added form lines about 5 m apart. We will use color photo-copies - probably 8.5" x 11" - definitely 1:15,000. Every sheet will have a legend.

The Southern Arizona vegetation presents a mapping challenge. Unlike in "forest", one cannot run under the branches of desert trees - they droop to the ground. The exception is the ocotillo forest, but North-Woodsy types will argue that ocotillos are not trees. As a result, the runability changes abruptly from rough-open-scattered-trees to medium-green (50% running speed) when the trees close ranks. Catalina St. Park has some areas of tall grass and some open sandy areas, but generally the low desert is not easy-running-open anywhere. The plants are the usual scenic mixed bag of mesquites, palo-verdes, acacias, prickly-pears, chollas, ocotillos, and saguaros. North-facing steep slopes are often heavily covered, as are the borders of sandy washes. The only big plant out here which really doesn't resent your passing by is called the "greasewood".

Two range fires have occurred in the Park, but if anything, they have made the flora more dense. Cat-claw acacia is an opportunistic plant and you'll probably not see happier, healthier cat-claw anywhere else. Fortunately, they are distinctive looking. I have marked most of the cat-claw areas light-green. At the University of Arizona, there is one plant at least 15 feet high. They call it a "specimen". We call it ... (well, never mind). Whether the stuff will slow you down depends on either a) your having "adequate" gaiters, or b) your personal pain threshold and bodily blood volume. I strongly recommend sturdy long pants and long sleeves. Only the Red (longest) and Green (next hardest) courses will visit much cat-claw, but this is the desert, after all, and even the plants must be tough to survive.

The ground is stony everywhere except in the bottom of the valley and the crests of some ridges. Most of the stony ground is runnable if you pay attention. I've marked the worst of it with stony-ground dots or with boulder field marks. Nearly all the boulders larger than 2 m are marked. I decided to give as many people as possible a chance to run by doing the field checking myself. If I've missed a few things, tough noogies.

Some of you will remember Martin and Claudia Greiner, who have returned to Germany. Martin designed three courses for each of the Champs' two days. I have

continued on p. 9

## **State Champs Map/Course - continued from p. 8**

modified these courses a little, being more familiar with the land and added a White course. The course lengths will be approximately: White 2-2.5 km, Orange 3.5-4 km, Green 5-5.5 km, and Red 7-7.5 km both days. White will rely heavily on trails and washes. Orange will offer some route choices and have catching features, but going cross-country will often give the fastest times. Green will be a shorter version of the Red, and both are considered "Advanced" because of the technical challenges. My opinion is that route choices will have less bearing on the outcomes than staying in contact with the map.

## **State Champs Questions, continued from p. 5**

**Will I need to know the official IOF symbols for control descriptions?**

Yes if you're on the red or green course. A list of IOF symbols is given on pages 6-7.

**What about the map? Can I find out what the new symbols are?**

There will be more information in the November newsletter about the maps; what the symbols mean, etc.

**Is this a one-time thing or will other meets be done this way?**

I don't know. Let us know whether you like the new maps and procedures. If they're roundly hated, we probably won't do it this way again. If you like it, we may adopt this procedure for "big meets". I doubt if this will become the "standard" way TOC meets are run because it's a lot more work for the meet director.

**Is there camping at the meet?**

We will be camping at the group campsite in Catalina State Park on Friday and Saturday nights. The park charges a fee for camping (\$7./day per vehicle which includes day use). Mid-November can still be very nice, so plan to come out and spend the weekend, even though the park is not far from town.

**Do I have to pay to get into the park?**

Yes. There is a day use fee of \$3./vehicle. Do NOT plan to park just outside the park entrance and walk in. If the \$3. fee is a burden, please car pool to the park.

## The Cave Creek Results - by Mark Parsons

The event was held on the old 1:10,000 map. All courses were routed in a counter-clockwise direction with a start/finish area at the corral/campsite. The orange course circled the central hills and was won by someone who had never been in this area before. All four courses were won by newcomers to the site. The weather was perfect and with the bumper crop of cattle mowing the meadows the scene at the foot of Wrightson was still beautiful. The red course was a very strenuous 15 control, hourglass shaped thing that used the entire map. Eight legs were 350 M or less with none over 650 M.

None of the eighty people who tried these courses said it was easy nor mentioned that a control was inaccurately mapped. An orange course participant spent 6 hours out there and one red course hiker was out for 7 hours. A search was nearly mustered.

My main thanks go to Cliff Hathaway who did enough time on the start table to not be able to complete his event by the two o'clock cut off. Many thanks also to Keith McLeod and Roy Parker who manned tables and collected controls. Scott Hill and Molly Parsons also did tables. Ron Ingram, Jeff Brucker, Mike Meenehan, and Lisa Werner also collected controls and got slightly better in the practice of orienteering.

(Ed note. Mark's right, the courses were DIFFICULT. But the control locations were varied and interesting and the vegetation is friendly. The orange course was well designed, except that #2 was on a feature too indistinct for an orange course, but even so it was one of the better orange courses I've seen. This was my first orienteering at Cave Creek (even though it's one of the older club sites) and I enjoyed the location.

White (2 km, 50M climb, 8 controls) Orange (3.4km, 105 M, 10 controls)

1W	Sally Oey	46:29	1M	Ron Ingram	81:18	
1T	Chambers	70:58	1T	Jeuba Jeuba	84:25	
2T	Bordeau	82:38	2T	Miss Mary	86:36	
3T	Patagators	112:50	3T	Los Gatos	92:30	
4T	Beginners Luck	135:02	2M	Craig Kulesa	96:04	
			1W	Sue Roberts	109:28	
			2W	Molly Parsons	117:11	Nice going!
			3W	Lisa Werner	191:06	

## Cave Creek Results, continued

Green (4.9 km, 160 M, 12 controls)			Red (6.3 km, 250 M, 15 controls)		
1M	Mike Meenehan	72:28	1M	Roy Parker	89:09
1T	Double T	141:05	2M	Jeff Brucker	103:21
2M	Keith McLeod	168:45	3M	Roger Sperline	137:54
2T	Dog Tired	175:03	1T	P,VP	155:49
1W	Kathy Creath	215:11	4M	Michael Lebl	201:25
3T	HOOCH	220:00	5M	John Douglas	215:45
4T	Fox Tails	220:30			

**Recreational Entries:** **White:** Deb Iverson; **Orange:** Paul Friedland, Elizabeth Bernstein, Douglas Biskie, Shirley McReynolds, AJ, Out of Control, Hucklebyrd, Lost and Clueless, H&G, the Bluejays; **Green:** Max Suter. **Red:** Robert Dietderich **DNF:** **Green:**(a really tough course) Cliff Hathaway, Dave Shircore, Mike Mitchell, Michael Collins, Robin Staples, Kelly Cook, Dante Archangeli, the Cranes, Lost Forever. **Red:** George Lebl, Couch Potatos.

### 1993 TOC Schedule (tentative)

The Board of Directors has set the 1993 schedule. This schedule is not carved in stone, it may change depending upon site availability and course setter availability. Be the first on your block to volunteer to set courses or direct a meet. Get in early and pick off the plum sites. Call Scott Hill or Pat Penn to volunteer for any of these slots.

January	Tortolitas
February	Cat Mountain
March 6	ROGAINE
March	Ft. Huachuaca
April	Redington Pass
May	Bear Wallow
June	Palisades 2-day meet (Showers Point)
July	STATE CHAMPS 2-day meet at Lake Mary (joint with PHXO)
August	Lincoln Park Early-O
September	Rosemont Junction
October	Whetstones
November	Bajada Loop
December	Catalina State Park



Address Correction Requested

Tucson Orienteering Club  
P.O. Box 13012  
Tucson, AZ 85732

## MEMBERSHIP FORM

Check One: New Member \_\_\_\_\_ Renewal \_\_\_\_\_  
Date on Mailing Label \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_

Check One: \_\_\_\_\_ (Individual \$8.00)  
Family \$11.00

Members receive a monthly newsletter, have voting privileges, and receive a \$2.00 discount per meet. Make checks payable to: Tucson Orienteering Club, and send to P.O.Box 13012, Tucson, AZ, 85732.