



December 2003

## Cat Mountain Orienteering and Adventure Race Navigation in the Sonoran Desert

—Ludwig Hill

Come join us on the lower slopes of the Tucson Mountains December 21, 2003, when the Tucson Orienteering Club holds its meet at Cat Mountain in Tucson Mountain Park. Elevations range from 2600 feet to 2850 feet above sea level, with sandy washes, mesquite bosques, grassy cienegas, eroded granite landforms, and basaltic rock outcrops awaiting you.

The classic White, Yellow, Orange, Green, and Red courses and an adventure race training course will be available. The Start and Finish, as well as Registration, for these courses is located half a mile from the parking area and takes about a 10-minute warm-up walk to reach. So plan to arrive a little early to give yourself time to get to the Registration/Timing area. We will need generous persons to help carry a backpack or other club equipment to the Start area in the morning, so help us out if you can.

Bring your friends. This is a great opportunity to introduce someone to this fun and healthy sport. If you know any adventure racers, be sure to tell them about our new adventure racing navigation training course which has been designed specifically with them in mind!

Gary Hinman will be directing this event. If you would like to volunteer to help out with timing, registration, or equipment toting (of course you will still be able to run a course), please call Gary at 297-3129.

**Directions:** From Tucson, take Ajo Way (AZ 86) west to Kinney Road (4 miles west of Mission Road). Turn right at Kinney and go northwest 0.9 miles to Sarasota Boulevard; turn right and go northeast 0.4 miles to a dirt road branching to the right. Turn right on this road and continue east 0.5 miles to the unmarked parking area. To reach the Registration area, walk through the metal gate in the wire fence and follow the foot/bike trail east 0.5 miles to the site. If you arrive early, please offer to help carry an item of equipment to the start area. This will make the meet director happy.

**Fees:** \$5/individual, \$8/team for members of any recognized orienteering club. \$10/

individual, \$15/team for nonmembers. Compasses rent for \$1. Safety whistles sell for \$1. Every person, all courses, all meets is required to carry some type of safety whistle.

**Schedule:**

8:30 a.m. Registration opens. Beginners' clinic starts.

9:00 a.m. Courses open.

11:00 a.m. Last time to start a course.

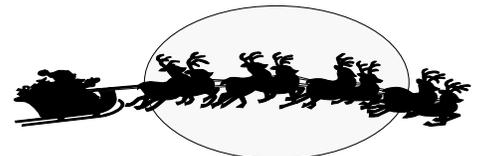
12:00 p.m. to 1:00 p.m. Route choice reviews.

1:00 p.m. Courses close. Begin control retrieval—good orienteering practice, lots of help always needed. Volunteer before 1 p.m. with the meet director, Gary Hinman.

**Check-In:** To insure that all are safe, everyone, whether finished with the course or not, must check in formally before leaving the meet site.

**Newcomers:** Go directly to Registration. Ask for instructions and introductory information. To attend the beginners' clinic, arrive between 8:15 a.m. and 8:30 a.m..

**Route Choice Reviews:** Between 12 p.m. and 1 p.m., an advanced orienteer will be available to discuss route choices with returning participants near the Start/Finish area.



## Chimney Rock Mini-Rogaine February 15, 2004

—Leif Lundquist

Keep this date open!! Plan for a day out in the Eastern foothills of the Catalinas. The controls will be spread out high and low over the area between Redington Road in the south and Chimney Rock in the north. We'll use the TOC 1:10,000 map, and you can choose between a one, two and four hour event.

## Lewis & Clark Cup Correction

An additional club member running at the Lewis & Clark Cup 2003 US Rogaining Championship in October was Mike Wilke. He and his partner, Matthew Battiston, were 13<sup>th</sup> overall and 6<sup>th</sup> in the Open category. (*Sorry I overlooked you, Mike, but your team was listed as from Kansas, so I didn't really check the name. Ed.*)

## Good News

We now have a new publicity person who will place announcements in various venues for our events. Let's all thank Sistine Castellini for stepping forward to fill this position.

Does anyone know of any newspapers, magazines, newsgroups, websites, etc., that would be appropriate? Especially those having to do with adventure racing, etc. If you do know of any venues that would be likely to help spread the word about our meets and orienteering in general, please let Sistine know ([rscastellini@cox.net](mailto:rscastellini@cox.net)).

## January Orienteering Opportunities

PLEASE NOTE: The Tucson Orienteering Club January meet has been moved from the normal third Sunday of the month to the second Sunday (January 11).

Greater Phoenix Orienteering Club (GPHXO) will be holding a meet, the Coon Bluff Scrabble O, on January 10. For more information about this meet, check their website (<http://www.geocities.com/phxo>).

The San Diego Orienteering Club is sponsoring a two-day "B" meet, plus three other events, over the three-day Martin Luther King weekend. Complete information on this is on page 6.



## Do You Understand Map Control Symbols?



**Column a:** The control number (in this case, the fourth control).

**Column b:** The control code appearing at or near the flag (49) (TOC control codes are usually two letters, e.g., XP).

**Column c:** [Which of several similar features](#) (the middle one).

**Column d:** [The feature](#) (a boulder)

**Column e:** [Details](#) of the feature's appearance, such as shallow, deep, sandy, when appropriate

**Column f:** [Dimensions](#) of the feature (in meters)

**Column g:** [Location of the control marker in relation to the feature](#) (the north side)

**Column h:** [Other information](#) (drinks available)

For practice on the meaning of the symbols, visit the website <http://www.fortnet.org/icd/>

### Newsletter Submittals

The deadline for newsletter items is shown in the monthly calendar. Please try to meet the deadline, or call the editor if there is a problem. All members are invited and encouraged to send informational or opinion articles on any orienteering topic.

Phone: 296-2108 Fax: 290-8071

E-mail: [loiskim@aol.com](mailto:loiskim@aol.com)

US mail: 9055 Calle Bogota

Tucson, Arizona 85715.

*Lois Kimminau, Editor*

## E-mail Discussion Group

Tucson Orienteering Club has its own discussion group. It is maintained as Tucson "O" Club by Topica, and is an e-mail based service. You must be subscribed before you can read or send messages. To subscribe, send a blank message to: [TucsonOrienteering-subscribe@topica.com](mailto:TucsonOrienteering-subscribe@topica.com). To send a message, simply address it to: [TucsonOrienteering@topica.com](mailto:TucsonOrienteering@topica.com). It will then go to all the list subscribers. To unsubscribe, see the Unsubscribe link at the bottom of any message.

For more information about this list, visit: <http://www.topica.com/lists/TucsonOrienteering>. Any problems, questions, or concerns can be sent to Jim Stamm, the E-Group Moderator, at [JimStamm@ComCast.net](mailto:JimStamm@ComCast.net).

# Santa Rita 8-hour Rogaine, November 16

—Peg Davis & Team Mudhens

It was a dark and blustery morning when folks began to arrive at the Santa Rita's Oak Tree Canyon area southeast of Tucson for the 8-hour 'mini' Rogaine course set by **Chris and Emily North**. Out there were 41 controls, 2,160 points, and 35km of ground to cover in just a few hours. The two- and four-hour participants had 25 controls with 1,170 potential points over 23.5km. A stiff 50-pt/minute penalty was assessed for those returning late. **Jeff Brodsky** tallied final scores while testing a computerized scoring program for the upcoming World Rogaine Championship meet next May.

The cool weather was a great incentive to keep moving and stay warm. While Chris indicated that all of the controls 'could' be visited in the time allowed, no one got to all of them. Most participants expressed the opinion that it was a great course and things were right where they were expected to be. The only complaints were the number of prickly things encountered and that one control had been blown down by the gusty winds. The 2- and 4-hour groups started a few minutes late, so everyone was given until 11:05 a.m. or 1:05 p.m. to return. In the 2-hour event, Ludwig Hill earned 350 points with 1-½ minutes to spare. In the 4-hour event, Jeff Brodsky racked up 530 in just under 3 ½ hours. In the 8-hour event, Matt Chamberlain located most of the controls for 2050 points, returning with 3 minutes and 25 seconds to go.

Under the careful guidance of the official meet director, **Peg Davis, Team MudHens** learned to organize an all-day event. Our gratitude to everyone who helped out and kept the meet organized and fun. **Emily North** conducted an impromptu clinic for several beginners. **David Barfield** came at noon to help with timing and same-day control retrieval. **Ludwig Hill and Jim O'Donnell** also collected several controls on Sunday. We extracted control collection promises from **Jim DeVeny, John Maier, and Jeff Berringer**. Thank you to **Yen Chamberlain** for driving to Tucson and bringing back coffee. (In addition, Kira made a great hand-warmer.)

A very special thanks to Peg for taking the time to mentor us through the entire meet director process from beginning to end. She even got to correct all of our errors upon her return in the 8-hour. I cannot express what a learning experience this event was for me. As someone who has been to regular meets for the fun of the sport, I have developed a greater appreciation for all of the work, the planning, and the skills that go into getting it all together so that others can play.

(MV= Mens' Veteran; WV = Womens' Veteran; MX = Mixed Team)

## 2 Hour Event

Name	Award	Points	Time	Name	Award	Points	Time
1 Ludwig Hill	1 MV	350	1:58:50	15 Karen Crum	2 W	90	2:03:40
2 Mark Parsons	2 MV	190	1:56:29	15 Tim Coble		90	2:03:40
2 Nancy Potenza	1 WV	190	1:56:29	16 David Mack		40	4:05:30
3 Adria Smith	1 W	120	1:38:00	Gelinda Marsh	Rec.		
4 Jacqueline Murray	2 W	70	1:56:15	Pamela Lambert	Rec.		
4 Charles Gill	3 MV	70	1:56:36	Leslie Kimminau	Rec.		
David Barfield	Rec.			Patrice Barkley	Rec.		
				Pat Penn	Rec.		

\* Were late from 2 hour event, scored with 4 hour.

## 4 Hour Event

1 Jeff Brodsky	1 MV	530	3:23:38
2 Jim O Donnell	2 MV	420	3:54:40
3 David Hauver	1 M	330	3:35:45
4 La Familia Gris	1 MX	290	3:42:57
5 Michael Gurevitch	3 MV	290	3:55:42
6 Jeff Fisher	2 M	270	3:58:50
7 Juan C. Rodriguez	3 M	260	4:00:20
8 Clair & Bob Rogers	2 MX	220	3:55:45
9 Elliott George		210	3:47:20
10 Alonzo Bailey		210	3:47:22
11 Margrit McIntosh	1 WV	190	3:41:56
12 Mike Thompson		180	3:59:45
13 Sheena Barnett	1 W	160	3:57:57
13 Anthony Barnett		160	3:58:40
14 Josh Stamm*		140	2:04:55
14 Jim Stamm*		140	2:12:35
14 Phil Kirby		140	3:37:25

## 8 Hour Event

1 Matt Chamberlain	1 M	2050	7:56:35
2 John Maier	1 MV	1830	8:03:17
3 Peter Zurcher	2 MV	1670	7:56:07
4 Ron Libby	3 MV	1670	7:56:09
5 Jeff Brucker		1410	7:48:13
6 Steve Levin		1360	7:33:58
7 Brett Bagwell	2 M	1310	7:55:30
8 Joe Ratermann		1240	7:37:14
9 Max Suter		1130	6:25:50
10 Jim Deveny		1070	7:22:05
11 Walt Smith		970	7:51:30
12 William Florence	3 M	950	7:08:02
13 Yvonne Poe	1 W	920	7:44:24
14 Brad Poe		920	7:44:25

Continued on page 4

# Italian Tank Trap

## Sunday, January 11, 2004

—Max Suter

First of all, note that this meet still needs assistance in form of a director and a vetter; so pleeeeee, step forward to fill one of these gaps (contact the schedule coordinator, Jim Stamm at 575-0830 or [jimstamm@comcast.net](mailto:jimstamm@comcast.net), or course setter, Max Suter, at 797-8850 or [SuterMax@aol.com](mailto:SuterMax@aol.com)).

Second, note that this is a **date change**. The regular monthly club meet will, for once, not be on the third Sunday, but on the **second Sunday of the month**. In this way, we can avoid an overlap between our monthly meet and the January 17-19 annual Anza-Borrogo Desert Bash (five meets in three days, M.L. King weekend), organized by Bill Gookin of the San Diego Orienteering Club approximately six hours west of Tucson (see Club Calendar). This change in schedule will increase the attendance at both meets! Furthermore, for the TSN cracks competing at Anza-Borrogo, our January 11 club meet (as well as the January 10 GPHXO club meet) will provide timely training opportunities in similar environments.

The meet area, Italian Tank, is located in the Coronado National Forest south of Redington Road and southeast of the Chimney Rock map, and provides scenic views of the Rincon Mountains. We will use the 1:10,000 scale 5M-contour color map introduced by Wolfson at the February 2002 Goat. A small (northern) part of the map was already used in February 1996 for the training event at our Sun Fest A-meet. Other than that, I am not aware of any meet on this map. It is clearly underused; you still have to navigate based on the map rather than your memory.

I will set classic-distance point-to-point White, Yellow, Orange, Green, and Red courses. You will be provided clue sheets but will have to copy your courses from a master map on the clock. The terrain is rough open and has a lot of rock details. The land forms are mostly reentrants and small hills of irregular shape.

In addition, there will be a (long and technically easy) course for Adventure Racers (or Trail Runners or Hikers). Approximate distance: 9-10 km (counterclockwise loop along Forest Roads and trails, Yellow to Orange in difficulty). This newly added course will use the full map (the one used in February 2002 for the Goat) whereas all the other courses will only use the western half of the full map.

**Directions:** Drive east on Tanque Verde Road to the end of the paved section where Tanque Verde Road becomes Redington Road. From the end of the pavement, drive 7.3 miles and park at the place customarily used for Chimney Rock meets, at the junction of Redington Road with Forest Road 4434 (bathroom, ramadas, no fee, no water). Shortly before reaching the parking area, after 7.15 miles, you will pass a corral and milepost 10. Hike/bike/warm up along Redington Road for another 1.0 mile to its junction with Forest Road 4417, which is 0.15 miles past milepost 11. Registration and start/finish are located on the hilltop 100 meters south of this intersection (follow orange flagging tape).

**Fees:** \$5/individual, \$8/team for members of any recognized orienteering club. \$10/individual, \$15/team for nonmembers. Compasses rent for \$1. Safety whistles sell for \$1. Every person, all courses, all meets is required to carry some type of safety whistle.

### Schedule:

8:30 a.m. Registration opens. Beginners' clinic starts.

9:00 a.m. Courses open.

11:00 a.m. Last time to start a course.

12 noon-1:00 p.m. Route choice reviews.

1:00 p.m. Courses close. Begin control retrieval—good orienteering practice, lots of help always needed. Volunteer before 1 p.m. with the meet director.

**Check-In:** To insure that all are safe, everyone, whether finished with the course or not, must check in formally at Start/Finish before leaving the meet site.

**Newcomers:** Go directly to Registration. Ask for instructions and introductory information. To attend the beginners' clinic, arrive between 8:15 a.m. and 8:30 a.m.

**Route Choice Reviews:** Between 12 and 1 p.m., an advanced orienteer will be available near the Start/Finish area to discuss route choices with returning participants.

### Continued from page 3, Santa Rita Results

Name	Award	Points	Time
15 Amy Lutz	2 W	830	6:59:04
16 Bob Lutz		830	6:59:07
17 Jason Bowman		800	7:48:15
18 Don Fallis		790	7:36:48
Peg Davis	Rec.	780	6:59:20
19 Jeff Berringer		640	7:51:08
20 Sue Wenberg	1 WV	640	7:51:36
21 Richard Fisher		630	7:59:38
22 Judy Cowgill	2 WV	600	7:30:10
23 Pete Cowgill		600	7:33:15
24 Christopher Capurro		520	7:31:45
25 Sheryl Lehman	3 WV	390	6:46:40
26 Lois Kimminau		340	7:01:56
27 Nick Lantz		230	8:00:13
28 Ralph Prince		200	3:51:00

# United States Orienteering Federation

Have you considered joining the United States Orienteering Federation? There are definite advantages to belonging, especially including the subscription to ONA/Orienteering North America, which will give you all the latest news, schedules of events, tips on orienteering, etc. Below is an application form if you are interested.

APPLICATION FOR MEMBERSHIP IN THE

## United States Orienteering Federation

P.O. Box 1444 • Forest Park GA 30298

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 International Orienteering Federation (IOF). (This form may be photocopied.)

PLEASE PRINT. MAKE CHECKS PAYABLE TO USOF.

Name \_\_\_\_\_  F  M Home phone \_\_\_\_\_

Address \_\_\_\_\_ Year born \_\_\_\_\_

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

If this is a family membership, please list other family members below:

Name

Year born

\_\_\_\_\_  F  M \_\_\_\_\_

\_\_\_\_\_  F  M \_\_\_\_\_

\_\_\_\_\_  F  M \_\_\_\_\_

Member of a USOF chartered club? Club name: \_\_\_\_\_

- |                                                                      |                                                                         |
|----------------------------------------------------------------------|-------------------------------------------------------------------------|
| <input type="checkbox"/> \$25, individual (member of chartered club) | <input type="checkbox"/> \$10, students (21 and under)                  |
| <input type="checkbox"/> \$30, individual (at-large)                 | <input type="checkbox"/> \$5, junior (18 & under, no vote, no magazine) |
| <input type="checkbox"/> \$30, family (members of chartered club)    | <input type="checkbox"/> \$450, individual life                         |
| <input type="checkbox"/> \$35, family (at-large)                     | <input type="checkbox"/> \$540, family life (incl. children under 16)   |

FOR MAILING OVERSEAS (except APO & FPO)  
 surface, \$5 extra       airmail, \$25 extra

# ANZA-BORREGO DESERT MEET

—*Bill Gookin, San Diego Orienteering Club*

## Schedule:

Saturday, 17 Jan	10:00 a.m. - noon	B-Meet Day 1 starts 5:30 - 7:00 p.m. Night-O starts
Sunday, 18 Jan	9:00 - 11:00 a.m.	B-Meet Day 2 starts 3:00 - 3:30 p.m. Maze-O starts
Monday, 19 Jan	9:00 a.m.	Scavenger Score-O Mass Start

All seven courses will be offered for the 2-Day B-meet and Night-O.

**Events:** There will be three divisions in the Maze-O: Long, Medium and Short, with up to 10 controls on the Long, 6 or 7 for the Medium, and 3-5 on the Short; Freestyle format (get the required number of specific controls for your course in any sequence). The Maze-O is in a 1 sq km area that is a labyrinth of canyons and ridges (a “badlands”) with short legs between controls and a premium on route choice; course distances will be about 3, 2 and 1 km, and winning times should be under 30 minutes. B-Meet and Night-O courses will be somewhat shorter than in most meets due to the number of events and are designed to be less physical than in the past two years (I know; I said that last year). The terrain ranges from open sandy with good footing and scattered creosote, mesquite, and cholla to loose sand in the washes, intricate gravel-covered low-lying hills and spurs, and steep sandstone and mudstone ridges and canyons with impassable dirt banks and cliffs. It will be easy for the unwary to become lost on the advanced courses, while those on the basic courses will get some awesome vistas.

Scavenger Score-O uses a regular Score-O format ... up to a point—that point being when the time limit is reached (60 or 90 minutes). At the time limit a loud horn will sound and participants have 30 minutes to collect and bring in as many controls as they can. They can punch the controls they collect and get those points plus bonus points for bringing them in. It takes skill and a lot of strategy ... and a little luck ... to maximize your points: last year’s winner, Eric Bone, finished 30 minutes late but collected enough high point controls after the time limit to more than make up for his overtime deductions.

**Camping:** Open primitive camping\* is available at no charge near the center of the map, less than 400 m from the starts. Palm Canyon Campground with water, hookups and showers is about 20 minutes west of the competition area, and there is a campground at Ocotillo Wells, about 7 miles east. (\*No water and no sanitary facilities.)

**Motels:** There are also several motels and hotels in Borrego Springs, mostly with rates well over \$100 per night. Email me or call for names and rates.

## Registration Fees:

For non-members of SDO, TSN, LAOC, or BAOC      \$8 for one event, \$17 for two, \$23 for three,  
\$28 for four, and \$30 for all five events.

For members of the above clubs                      \$5 for one event, \$9 for two, \$12 for three, \$14 for four,  
and \$15 for all five ... SUCH A DEAL!

**Directions:** From Arizona, get on Interstate 8 to El Centro, North from El Centro on Highway 86 to Highway 78 near the South end of the Salton Sea, and West on Highway 78 about 29 miles (7 miles past Ocotillo Wells). Look for pink ribbons on the right marking the turnoff to Buttes Pass (if you see the “Buttes Pass” sign, you’re 100m past the turnoff; if you come to the junction with S-23, Borrego Springs Road, you’ve gone 1.5 miles too far). Drive slowly North on the dirt road for one mile to the junction and then about 0.4 (four-tenths) of a mile East (right) to the camping area and competition center.

**Pre-register for Pre-marked Maps:** Before January 13, 2004, call, write or, preferably, email to reserve pre-marked maps for your courses; otherwise, you may have to draw your own courses on a blank map. Pre-marked maps will also have the control descriptions pre-printed on the maps. Give your name, club, course, age, and the event or events and dates for which you are reserving maps, e.g., Bill Gookin, SDO, Brown, 39, all events or Jo Gookin, SDO, White, 11, B-Meet Day 1 and Day 2 only.

## Contact:

EMAIL: [BillGookin@aol.com](mailto:BillGookin@aol.com)

CALL: (858) 578-9456

WRITE: Bill Gookin, P. O. Box 26722, San Diego, CA 92196

***SEE YOU IN THE DESERT!***

## CLUB CALENDAR

2003				
Dec. 10	Board meeting 7 p.m. at Peg Davis's home. Call Peg (628-8985) for directions.			
Dec. 13	Bombay Mine (Jt. JROTC)	GPHXO		**
Dec. 21	Cat Mountain	Ludwig Hill (299-9041)		Gary Hinman (297-3129)
2004				
Jan. 10	Coon Bluff Scrabble O	GPHXO		**
Jan 11	Italian Trap Tank	Max Suter (797-8850)		PLEASE!!
Feb. 14	First Water (Jt. JROTC)	GPHXO		**
Feb. 15	Chimney Rock, Mini-Rogaine	Leif Lundquist		
Mar. 6	Saguaro Lake (Jt. JROTC)	GPHXO		**
Mar. 21	Brady Wash			Brad & Yvonne Poe (398-9801)
Apr. 18	Silverbell	Jason Bowman (682-5176)		
May 8-9	World Rogaining Champs	John Maier (586-7300)	Jeff Brucker	Peg Davis (628-8985)
June 20	Bear Wallow			
Jul. 18	Lake Mary	Jeff Brucker (886-2528)		
Aug. 15	Lincoln Park Night-O/Early-O			
Sep. 19	Greasewood City Park	Ludwig Hill (299-9041)		
Oct. 17	Catalina State Park			
Nov. 21	Highway 83	Jeff Berringer (512-4685)		
Dec. 19	Cat Mountain			

\*\*For information on GPHXO events, check their website at <http://www.geocities.com/phxo>, or e-mail them at [gphxoc@yahoo.com](mailto:gphxoc@yahoo.com). Let's support our sister club.

**TSN Club meets are held regularly on the third Sunday of the month, year-round.**

**Experienced course setters are usually happy (with advance notice of about a month) to work with apprentices who want to learn to set courses. If there is enough interest, separate training for course setting can be organized.**

**Directing a meet consists essentially of setting up and supervising the Registration and Timing areas, with help from other volunteers. Teams of two are encouraged.**

**Please call Jim Stamm at 575-0830 if you can help with any of these meets.**

### 2003-2004 TUCSON ORIENTEERING CLUB OFFICERS AND BOARD

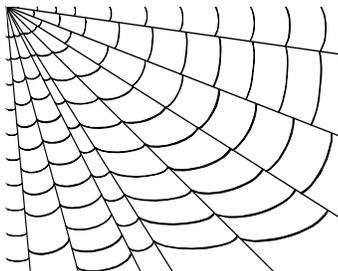
President	Jeff Brucker	jeffbrucker@cox.net	886-2528
Secretary/Treasurer	Jeff Berringer	jaberringer@earthlink.net	512-4685
Membership	Jeff Brodsky	jabrodsky@cox.net	275-9351
Schedule Coordinator	Jim Stamm	jimstamm@comcast.net	575-0830
Map Librarian	David Barfield	david66barfield@juno.com	750-0470
Equipment	Mary English		881-4786
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Newsletter Editor	Lois Kimminau	loiskim@aol.com	296-2108
E-Group Moderator	Jim Stamm	jimstamm@comcast.net	575-0830

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Tucson Orienteering Club  
P. O. Box 13012  
Tucson, AZ 85732  
Address Service Requested

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## CAT MOUNTAIN ON DECEMBER 21.



Check out the Tucson Orienteering Club web site!  
Type **<http://www.tucsonorienteering.org>**  
Also, for links to all the West Coast club sites,  
just type **<http://go.to/sconet>**  
or for Pacific Region rankings, type  
**<http://go.to/pacreg>**

### Tucson Orienteering Club Membership Application

Check one: New Member

Renewal

Date on label \_\_\_\_\_

Check one: Individual (\$10)

Household (\$15)

Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

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

Can you help staff a club meet?

Yes, call me.

Members receive a monthly newsletter, have voting privileges and access to Club library,  
and receive a \$5 discount per meet. Make checks payable to Tucson Orienteering Club  
and send to P. O. Box 13012, Tucson, AZ 85732.