

TUCSON ORIENTEERING CLUB
NEWSLETTER
DECEMBER 1985

DECEMBER O-MEET: Lean, Ken Castle and the others will get one more chance to beat John Maier before he returns to his new home in Oregon.

This course will be authored by the scientific mind of John Little. The site will once again be at Saguardo National Monument, West. Expect a good course. (Attention Intermediate and Advanced runners. Your courses are designed to be more difficult).

DATE/TIME: NOTE: Due to the limited parking, the Park Service has requested that we carpool to the area. The Club will operate a shuttle service to the meet site. Please plan on parking at Ina Road and the western side of the bridge over the Santa Cruz River. You will be able to hitch a ride to and from the meet site.
DATE: Sunday, December 15, 1985. STARTING TIMES: 9:00 AM - 12:30 PM. Beginners Clinic will be available anytime during the meet. All courses close at 2:30 PM, and controls are removed.

ENTRY FEES:	Individual	\$3.00
	Team (2 or more people)	6.00
	Discount for T.O.C. members	1.00
	Compass Rental	1.00

NEXT MEETING: Next meeting will be December 16 at 7:30 PM at 5151 E. Broadway, Suite 805. January's meet will be planned. GET INVOLVED.

NEXT O-MEET: January 19 will be the day for the first meet of 1986 and will feature a never before used site. Bill Hamilton and Pat Geranis will direct this meet. See next month's Newsletter for details.

QUESTIONS? Call Dennis or Keith at 571-1155.

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DECEMBER 1985

After running a superb time in the mens advanced course, held at Saguaro National Monument, West, November 24, Dean Dunham's mouth dropped as the "Godfather of Tucson Orienteering", John Maier, not appearing at all fatigued, came up with the win. A competition attendance of 80 found the Monument courses entertaining as overcast skies kept brows dry and thirsts down. Congratulations are in order to Keith McLeod, Dennis Orrico and staff and the Army R.O.T.C. for an accurate, well organized meet. The results of this meet appear later in this Newsletter.

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T.O.C. RESULTS
Saguaro National Monument, West
November 24, 1985

ADVANCED COURSE

MEN		TEAM	
1. John Maier	1:04:20	1. Hamilton/Geranis	1:30:05
2. Dean Dunham	1:06:15		
3. Ken Castle	1:14:65		
4. Mike Kessler	1:26:35		
5. John Little	1:32:18		
6. Ed Rawl	1:44:00		
7. Keith Banning	2:13:30		
8. Roger Underwood	2:38:40		
9. Dale Cole	2:42:10		
10. Freddie Fletcher	3:03:10		
Richard Fisher	DNF		
Robert Wade	DNF		
John Merna	DNF		

WOMEN

1. Toni Allison	2:20:15
2. Trisha Galvin	2:41:35

INTERMEDIATE COURSE

MEN		TEAM	
1. Patrick Sturgill	1:20:45	1. Rob & John Clark	1:45:45
2. John Rickel	1:22:27	2. Walton	1:51:40
3. James Wile	1:58:35	3. Simmacher	1:56:45
4. T. Salandro	2:04:02	4. Helmich	2:06:30
5. Dick Van Horne	2:30:40	5. Kanto	2:08:55
6. R. Finlayson	2:35:45	6. Castle	2:28:45
		7. Robbins	2:48:15
		Garrison	DNF

WOMEN

Riser	DNF
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BASIC COURSE

MEN		TEAM	
1. Bob Parks	1:01:30	1. Dalmer/Hodgens	1:10:13
2. Ed Stramler	1:41:20	2. Salmon/Williams	1:44:00
3. Steve Dodrill	1:46:25	3. Deatherage	1:44:30
4. Lee Hoover	3:53:00	4. Barlow/Murphy	1:49:00
		5. Buckley/Little	1:51:45
		6. Welch team	1:53:45
		7. Taber	1:54:40
		8. Lee	1:55:15
		9. Rothfeld	1:59:45
		10. Bishop/Botsford	2:00:30
		11. Allen/Engen/Ledbetter	2:09:25
		12. Allen/Cockle	2:14:50

WOMEN

1. Debbie Addis	1:06:50
2. Rete Simmons	2:25:20
3. Adele Baydin	2:33:00

In the book, *Armchair Orienteering* by Winifred Stott, Stott offers some practical advice on how to improve your orienteering skills.

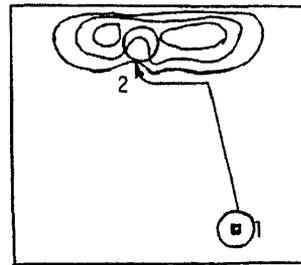
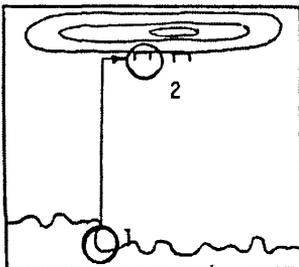
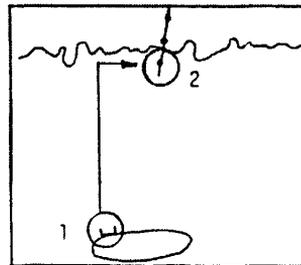
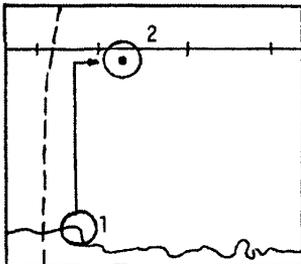
AIMING OFF

It is difficult to travel through the forest on a compass bearing and hit a control dead on. An orienteer often aims-off to one side of the control so when he reaches the area he knows which way to turn to hit the control.

Why is it difficult to follow a compass bearing exactly? There are many reasons. A few are:

- Most compasses take time to settle. Few orienteers allow for the time it takes.
- Each person has a sighting error. The woodsman using a sighting compass is fortunate to be only two degrees off.
- Some orienteers run around obstacles in the same direction multiplying the factor of being slightly "off track."
- The map is not 100% accurate.
- The fatigued orienteer is capable of errors while taking a bearing.
- Following a bearing while running results in a "rough" bearing. The cumulative result could be an error of many degrees.

Aiming off is demonstrated in the following map snips.

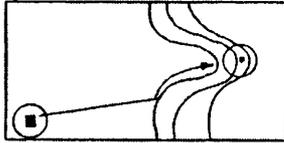


CONTROL ENLARGEMENT AND EXTENSION

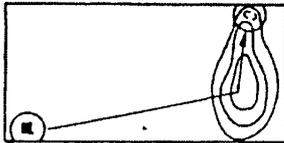
Often the orienteer can make a small control site easier to find by first locating a large feature which is near the control or a part of the control.

For example:

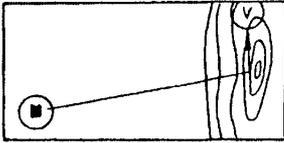
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1. The boulder is small. The re-entrant it's located in is big. Orienteer to the re-entrant then look for the boulder near the top.



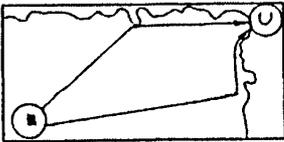
2. The form line hill is small, but the spur it's on is large. Go to the spur then use it to locate the smaller feature.



3. The pit is small, but the hill it's on is large. Go to the hill, then to the pit.

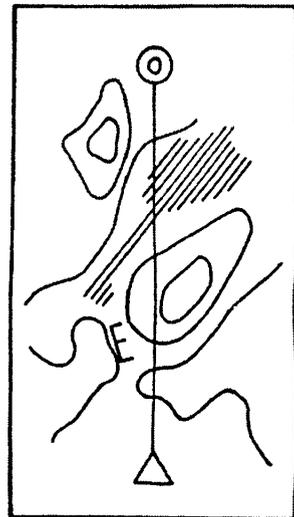
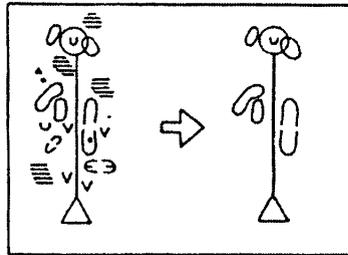
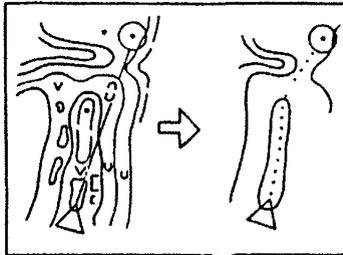
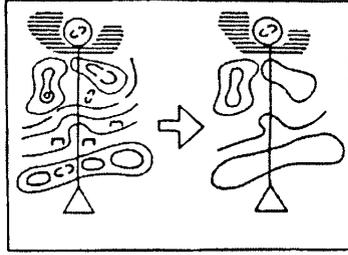
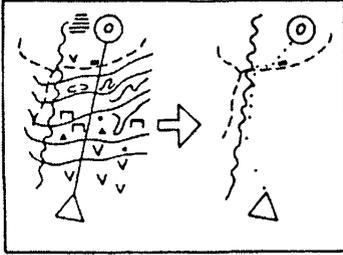


4. The depression is small, but the stream it is near is large.



CONTROL SIMPLIFICATION

Many orienteering legs contain a great amount of detail. The orienteer needs to filter out the unnecessary information and focus in on the facts that will get him quickly to the control. Examine the following illustrations of control simplification. Simplify the legs and check your answers with the suggestions provided.



COLLECTING/CATCHING FEATURES

There are linear features in the terrain which occur before a control. The feature alerts the orienteer. The control is nearby.

There are linear features located behind a control which show the orienteer that he has gone too far.

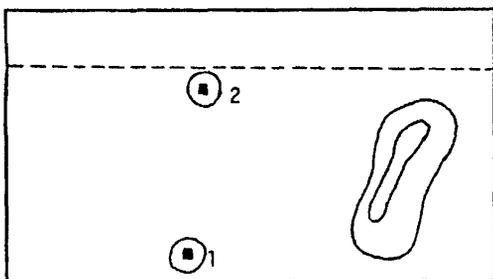
What are these linear features called? Therein lies the debate. Some orienteers call the feature before the control a **CATCHING** feature. It catches you and you proceed to the control. Other orienteers call it a **collecting** feature. It collects you before you go too far.

The same confusion rages over the proper term to use for the linear feature which occurs behind the control.

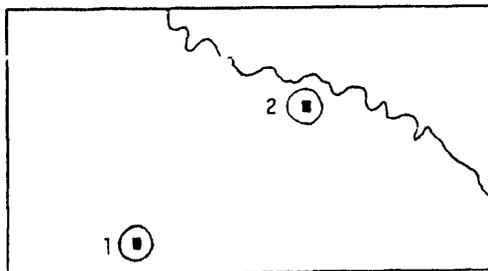
To simplify matters "catching" and "collecting" are used in Arm Chair Orienteering to mean a linear feature before OR after a control.

Here are some examples:

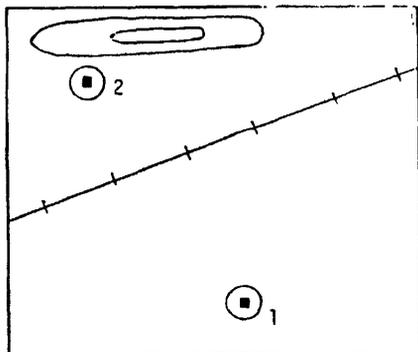
1. If the orienteer hits the path he has gone too far.



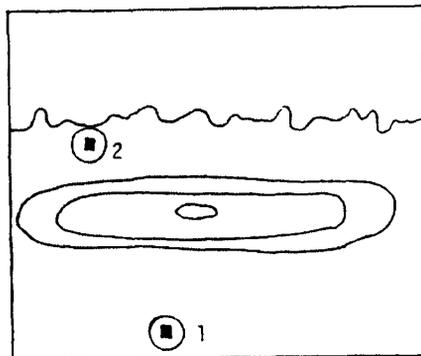
2. If the orienteer comes to the stream he has passed the control.



3. When the orienteer goes under the power-line he knows he is close to the control



4. When the orienteer crosses the hill he knows the control is near by. If he gets to the stream he has gone too far.



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