A detailed topographic map of a region, likely a coastal area, with intricate contour lines and shaded relief. The map is oriented with North at the top. A compass rose is visible at the bottom center, with a triangle pointing to the right. The title 'COMPASS POINTS' is printed in large, bold, black, sans-serif capital letters across the middle of the map.

COMPASS POINTS

DECEMBER 1998

<i>President</i>	Geoff Morrison	(06) 877 4870
<i>Secretary/Publicity</i>	Pamela Morrison	(06) 877 4870
<i>Treasurer</i>	Alan Berry	(06) 877 7223
<i>Committee-</i>		
<i>Fixtures</i>	Derek Morrison	(06) 877 8261
<i>Mapping</i>	Ken Holst	(06) 879 5046
<i>Equipment</i>	Richard Lynn	(06) 843 4076
<i>Statistician</i>	Tim Jowett	(06) 835 3765
<i>Newsletter</i>	Terry Russell	(06) 873 4138

Page	Contents
2 - 3	President's Report
4 - 5	1998 Trophy and Certificate Winners
6	Eye in the Sky
7	Committee News
8	Rules
9	The Year that Was..
10 - 11	1998 Statistics
12	Junior Camp '98
13	Spit is Full of Bugs & Germs
14	Up, Up and Away
15	Clipper Cup 1998
16 - 18	The Lads Trip to China
19	Is Your Computer Year 2000 Compliant?
20 - 21	Tangoio - OY6
22 - 23	1998 OY Series
24 - 25	Maraetotara - Club Championships
26 - 27	Snakes & Ladders on Te Mata Park
28 - 29	Memory Teams Event - Horseshoe Bend
30	Are You Getting The Most from Your Map? (Part 5)
31	Waitangi Weekend 1999
32	1999 Taupo All Night Relays

Please forward newsletter contributions to: Terry Russell,
809 Matai Street, Hastings or e-mail: tsruss@icarus.ihug.co.nz

All other correspondence to: The Secretary, Pamela Morrison,
27 Margaret Avenue, Havelock North or e-mail: pamela.m@xtra.co.nz

PRESIDENTS REPORT

We should all be proud of the fact that another successful year has been completed. This is due in no small way to a number of people who have worked hard to make this happen. I think the base on which this club has been built by previous committees has been very sound and is the reason that our strength is maintained. Most of those people are still involved in the club and continue to put in good input. I hear the term "team culture" being bandied about in other sports, and I think that we have developed our own "club culture". We have a lot of people putting in voluntary work on many different fronts, and I'm sure that it helps in our success.

Our membership numbers have increased markedly, 117 at present, of which 47 are under the age of 20. This is due to (1) a number of people putting in good work around the caravan, helping newer people, (2) a concentrated effort in introducing juniors to the sport and (3) information available in our club booklet, ("Preview").

The turnouts to club events have been very good, with an average of nearly 50 attending our OY's. I think that part of being a good club member is a regular attendance. It makes the organisers' job a lot more rewarding when he/she has a big turnout. Thank-you to all the setters, vettors, toilet tent constructors, control collectors and everyone else that helped make our club days during the year enjoyable events.

We've had a very busy mapping programme this year, with the result that we can all look forward to competing on new maps next year. Ken Holst has mapped an area on the road to Elsthorpe which we won't use for 4 or 5 years until the trees grow a bit. Alan Berry, Brian Crawford and I have been working on an area on Rochfort Road, which we are going to use next year at Queens Birthday. Havelock Hills has been completed and ready for next year, and Richard Lynn has re-fieldworked Te Mata Park and is in the process of doing the same at Pukeora Hill. Pamela, Ken, David and Tim have all been involved in the process of OCADing these maps during the year.

Richard has put in a tremendous amount of time upgrading and organising the gear this year. The new tunnel tent, tables, signs, notice board and painted caravan have all been sought, priced and purchased with enthusiasm. These efforts make Richard a very valued member of the committee. Other equipment we now have are our street controls with chain, lock and clipper, which have been lovingly put together and painted by Pamela. These are ideal for events in public places.

We've finally got our permanent course at Te Mata Park up and running thanks to Brian Wardle. Maps are now available at the Peakhouse with payment by honesty box. Brian has had to contend with vandals and fencers, but he thinks everything is 100% at the moment. Unfortunately Brian is resigning from the committee after two years and I thank him, on behalf of the rest of the committee for his valuable input.

The local newspapers provided good coverage of our sport during the year, with quite a few photos included. Our "preview" magazine has reached many homes and the weekly advertisements in the free newspaper generally brings inquiries.

The Kaweka Challenge was successfully run again this year and as always it helps top up our coffers. The money helps subsidise such things as equipment, juniors to camps, AGM dinners, entry fees

when representing the club, O-top printing, buses, etc. It also helps maintain our subscriptions at a very reasonable charge. Several club members were heavily involved in the organisation of the event, notably Phillip and Sharon Mardon, Max Kerrison, and Brian Crawford, who deserve a lot of praise for their efforts. Next year will be the 10th anniversary of the event and voluntary help will be once again required.

As a club, we made our presence felt on the national stage. We had 5 teams in the night relays at Taupo, and although unsuccessful, it was enjoyed by all. We are actually handicapped by the fact that we have too many juniors. Our quinella at the Nationals in the Mixed Short relays was a highlight with the Watson team of Emma, James and Peter victorious. No-one from Hawkes Bay will forget the flying femmes, Emma and Amber, neck and neck, in our club o-tops racing up the finish chute after completing their legs at a 6.5 minute km rate. We snared the Frank Smith Trophy off Wellington, came 2nd in the WOA relays, and retained the Red Kiwi Challenge trophy.

Individually, it was good to see Hawkes Bay names dominating leader boards often at major events. Peter Watson had an outstanding year winning the M40 in both the classic and short at the Nationals, as well as winning 2 gold medals at APOC in China. Maurice Lloyd also won gold in China. Kath Berry won W65 classic at the Nationals with Amber Morrison (W14), Emma Watson (W12), and Alan Berry (M60) as well as Peter, winning shorts. Ross Morrison was the 1st HB student to win a NZSS title taking out the Intermediate grade.

The junior coaching sessions are progressing well with good turnouts for the 4 we had this year. Both Napier BHS and Hastings GHS achieved 3rd at the NZSS Champs in the Top School competition. Napier also won the Small Teams prize as well as sharing the trophy in the Premier School. Our 2nd running of the HBSS champs were held again this year, and we also offered a Form 1 and 2 race held at Horseshoe Bend. Though fields were small, competition was good and enthusiastic. Next year, hopefully, it will continue to grow. We offered 11 juniors the chance to go to the junior camp in New Plymouth (13-16 yo), of which 3 took up the opportunity.

The Kiwi sport orienteering had a quiet year, though Dave Smith mapped 4 schools, and there were 3 in-house services for Primary teachers. Sport Hawkes Bay have changed their Primary coordinator during the year and we have had no correspondence since.

Next year is looking to be very busy and exciting. Not only do we have the Kaweka Challenge again, but we are also hosting the Wellington Champs, a 3 day event at Queens Birthday. This is a great opportunity to run against people of the same age and grade on our home territory. Once again help will be needed, but the plus is that we will have 2 new maps out of the event. At the end of the year the World Masters come to New Zealand (Manawatu), with thousand's of competitors expected from throughout the world. If you're old enough, you're good enough to enter.

Finally, I would like to thank the rest of the committee, who have worked hard throughout the year to help make us, the Hawkes Bay Orienteering club, one of the strongest clubs in New Zealand.

Best wishes to you all, and hope you have a successful 1999.

Geoff Morrison

HAWKES BAY ORIENTEERING CLUB

1998 TROPHY AND CERTIFICATE WINNERS

Proficiency certificates

For children who completed three courses by themselves during the year.

Sophie Fargher, Helen Watson, Kate Morrison, Hugo Beamish, Duncan Morrison

Orienteer of the Year

White	Women	Emma Watson
	Men	Hugo Beamish
Yellow	Women	Amber Morrison
	Men	James Watson
Orange	Women	Jenny Russell
	Men	Rob McDonald
Red short	Women	Sharon Mardon
	Men	Brian Crawford
Red medium	Women	Pamela Morrison
	Men	Ross Morrison
Red long	Men	Derek Morrison

Club Championship

W12 Emma Waston	M12 Scott McDonald
W14 Amber Morrison	M14 Jason Russell
W16 Jenny Russell	M16 Karl Baker
WopenB (no award)	MopenB James Wood
W50+ Sharon Mardon	M50+ Alan Berry
W40 Linda Lloyd	M40 Max Kerrison
Wopen Pamela Morrison	Mopen Peter Watson

Clipper Challenge Trophy Most points scored at badge events	Amber Morrison
Heather Mardon Trophy Most meritorious performance - women (2 nd place W35A classic at Nationals)	Pamela Morrison
Mark Hyslop Trophy Most meritorious performance - men (winning M40 classic & short-o at Nationals)	Peter Watson
Junior Cup Most meritorious performance - junior (winning Intermediate Boys Championship at NZSSC & M18A short-o at Auckland Champs with fastest time on course)	Ross Morrison
Charles Dook Cup Services to the Club (organising 1998 Kaweka Challenge)	Philip & Sharon Mardon
Lloyd Cup Ladies Open Grade Champion	Pamela Morrison
Nicholson Cup Mens Open Grade Champion	Peter Watson
Watson Trophy Ladies Open Grade OY Winner	Pamela Morrison
Bee Trophy Mens Open Grade OY Winner	Derek Morrison
Robbie Smith Cup Day Relay Champions	James Wood Matthew Wood Rhian Hill & Rob Wood
Night Relay Shield Night Relay Champions	(no award)
Long-O Awards Wooden Spoon #1 Wooden Spoon #2	(no award)

EYE IN THE SKY

BY THE MAGPIE

- Peter has had a bit of controversial publicity recently. He offered his services to Brierleys as Chief Executive, after the shares crashed. He also came out in print, quoting a source, that men are better map-readers than women.
- David Fisher was disqualified at APOC in the short-o. He ran the wrong course. The reason was that all the maps had blown out of the start boxes and when put back, a wrong one happened to be put into box in front of David. A long way to go for a stuff-up - we could've organised it here far cheaper.
- Esther has been in fine form in Switzerland. She came 6th in the Swiss National Champs in the W20 grade.
- A few vehicles struggled to find their way out of Tangoio after the OY. Tut, tut, that's what you have a map for. Those last seen struggling to get out of the depths of the forest? Scotty and Beryl, McDonald's van and Richard.
- Can you tell me how a couple could spend 4 hours out on Maraetotara without anyone seeing them. There was mutterings of being whipped with ongaonga, and they certainly looked hot and flustered when they finished.
- Schools have had their prize-giving recently and there is certainly some bright sparks involved with the orienteering club. Naomi Schumacher was dux (as well as Head girl) at Hastings GHS, and James Wood missed out on being dux at Napier BHS by 2 marks! James came 2nd in NZ in English and was in the top 8% in chemistry.
- Good results for our juniors at the CD Champs. 1st's in W12, W14, M14, and M18 as well as runner-up in M12 and W14. Great effort Kate, Amber, David, Ross, Duncan and Emma.
- Hear there was a bit of a satisfied grin worn by Philip after the 2nd day at Rotorua.
- Norris and Diane have organised between them another junior orienteer into the club. We haven't sighted him or his parents yet but I hear he is keeping his parents in practice for night orienteering by keeping them awake all night.
- Those young fellas shouldn't be in so much of a hurry in their cars. Mark ended up bellied on a knoll at Tangoio. No one else seemed to have a problem!
- Award for the "Best Sign-posted Event of the Year" ended in a tie. Congratulations to Tom at "The Junction", and Norris at "Tangoio".
- Seasons greetings to you all and remember, in 1999 the magpie will be watching over you again!

COMMITTEE NEWS...COMMITTEE NEWS...COMMITTEE

Equipment

- A new first-aid kit has been purchased for the caravan.
- Richard Lynn is currently investigating fire extinguishers for the caravan.

Other

- Ross Morrison has been nominated for the Hastings Rotary Youth Awards.
- AGM & Prizegiving held at Havelock North Community Centre on December 8, 1998.
- Subscriptions for 1999 - continue at same level as 1998. (Members will shortly receive their 1999 subscription notices. Everyone should consider paying their NZOF affiliation fees, as there are two events which we will be encouraging everyone to compete in - the Wellington Champs in June which we are hosting and the Central Districts Champs which are being held in Taupo in October. Both these events require NZOF affiliation and offer classes for all ages and abilities - you do not have to be a champion to take part!)
- Map fees for 1999 - continue at same level as 1998.
- OY competition - committee has decided to introduce a new rule for the 1999 competition - *"competitors may only count OY points in one grade and once two events have been run in one grade, this grade becomes their official grade for which points are counted."*
Prior to the first OY members should carefully consider which grade they are going to compete in during the year. If in doubt, ask Geoff Morrison for advice.
- Club Championships - a new grade has been introduced for 1999 - M50B on orange long.
- Stewart Hyslop is to hold an "Orienteering Skills" night class at Hastings BHS for 8 weeks, probably commencing late February or March. Club members will be assisting with the presentations. Course will be suitable for newer members who would like to upgrade their skills.
- NZOF Technical Committee are currently revising the "Rules for NZ Orienteering Events". If you would like a copy of the draft revision please contact Pamela Morrison. Submissions required by February 15.
- WMOC 2000 is seeking keen orienteers or supporters who will not be competing in WMOC, to assist in the running of the event. If you would like to be part of WMOC for a few days, please contact Pamela Morrison, who will forward your name to the organising committee.

COMING SOON - "PREVIEW '99" - YOUR GUIDE TO THE 1999 O SEASON IN HAWKES BAY!



NEW MEMBERS

We welcome the following new members to the club. We look forward to seeing you at future events.

- ★ Stan Holland

1999 TAUPO ALL NIGHT RELAYS - SEE BACK PAGE FOR DETAILS →

RULES..RULES..RULES..RULES..RULES..RULES..RULES..RULES..RULES.

It seems that many of our members probably are not aware of some of the intricacies of the rules of Orienteering.

What would you do if you had started off at a great rate of knots and visited control 1 & 2 and then realised when you reached control 5 that you had missed control 3! Horrors! Do you go back and punch control 3 and then go on to control 6?

Rule no. 18.3 of the NZOF Rules clearly states that controls must be taken in order. IOF Rules are even more definite on this point and state:- Competitors who visit controls in the wrong order shall be disqualified.

Therefore, if you do not revisit controls 4 & 5 (and punch them in the reserve boxes or highest numbered empty boxes) after you have visited control 3, you would be disqualified.

The new electronic punching system which is just beginning to become popular overseas will record the order which you punch the controls, ie it gives a printout of your times at each control and as it goes directly into the computer you would be automatically disqualified if you did it incorrectly. Lets hope these new systems become very popular very quickly so that the price reduces and they become normal for all events. If you attend the Nationals in 1999 and/or the World Masters Champs in 2000 down at Palmerston North you will experience this system.

So next time you miss a control remember that you not only have to go back to punch it but you also have to revisit the ones you have already been to, otherwise you risk being disqualified.

Ken Holst

World Masters Orienteering Championships - New Zealand Dec 28 1999 - Jan 12 2000

These championships are being held in the Manawatu in just over a years time. The Masters Championships are open to grades M/W 35+, however their will be other classes available on most days.

If you would like an information brochure & entry form for this event, please contact Pamela Morrison - phone (06) 8774 870.

THE YEAR THAT WAS.....

Like all good sports now-a-days we need more statistics. The sort that tell you how many times Joe Bloggs has dropped the ball on a wet Saturday, in the first quarter of the second half while on attack after having had cheese balls for lunch. You know what I mean ! Invaluable irrefutable numbers.

Well, guess what

By the end of the year course setters will have set 21 events and 130 courses. (That's the easy-peasy bit out of the way.) Now for the real stuff..... So far in 1998, as per results in "Compass Points", course setters have set 305.68 Km and 8276 m of climb (actually its more but if course distance aint published I used 0.01 Km and if climb aint published I used 1 m. - so all string courses are 0.01 Km long and climb 1 metre ! Oh, and I only count HBOC events.)

Now read on, cause there is always more.... we have had 889 finish times with the fastest winning time this year being 1.11 minutes and the longest winning time being 133 minutes. Now now.. there is more.... the shortest longest time is 3.20 minutes and the longest longest time is 171.50 minutes.

Hey, hang-on, there is still more....

If we had run all courses this year as a relay we would have covered at least 2701.14 Km and climbed 76,155 m.

Aren't you glad you found this out before anybody else !

Dr. Suess

1999 TAUPD ALL NIGHT RELAYS - SEE BACK PAGE FOR DETAILS →

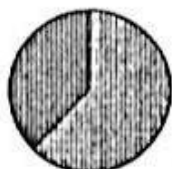
HAWKES BAY ORIENTEERING CLUB

SOME 1998 STATISTICS (FOR ANYONE WHO MAY BE INTERESTED)

Membership total
(at 31/10/98)

Individuals 117
(from 56 families)

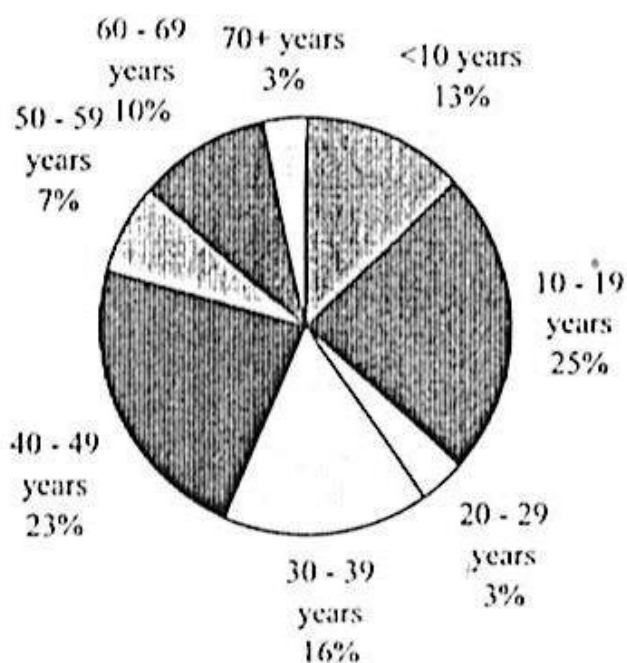
Female
38%



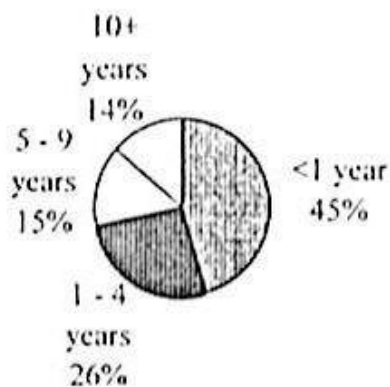
Male
62%



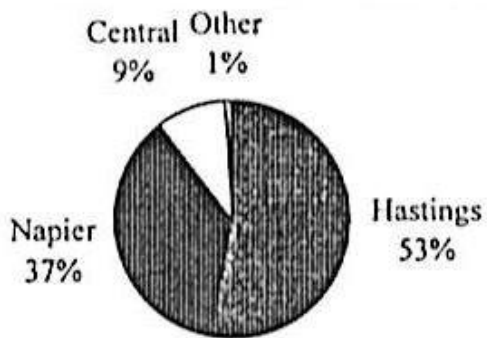
Ages of Members



Length of membership



Where do members come from?

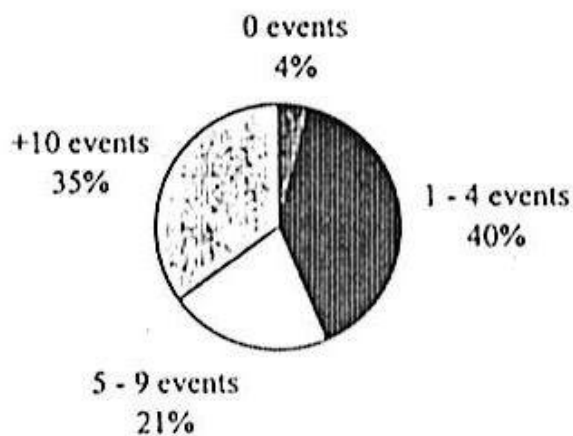


Events

To date in 1998 we have held 18 club events.

Average attendance at these events, by club members and visitors, is 47.

Attendance by club members at events (estimates)



1999 TAUPD ALL NIGHT RELAYS - SEE BACK PAGE FOR DETAILS →

JUNIOR CAMP '98

The camp was excellent, well that's what myself and many others thought. We piled into the mini van in Palmerston and arrived at camp at 5.00pm just on time, unlike last year.

The next day orienteering began. We had to walk up 152 steps to get the map area. We started with a walk in groups placing features on the map. We then did a little course so Michael Wood knew what standard we were at. After lunch it was time for some re-location and then back to camp where we cooled off in a nice swimming hole.

The second day we headed off to Aleisha's farm where we were on a contour only map. Both Jason and I found this quite difficult and interesting and felt that we learnt plenty. We then did a quick course on our contour map and now I'm looking forward to trying it at a club event next year. That afternoon we were off for a game of paintball. We were placed in teams and shot each other with paint guns. Heaps of fun, could be painful but our team was pretty successful.

The third day we went to the Barrett Domain where the NZSSC were held. We put into practise C.A.R.E: control, attack point, route choice and exit direction in groups. A little later we went out on our own, however the control points were made of toilet paper, which made things a little difficult. That night we also took part in the Egmont Club summer series in one of the local parks.

On Friday we stayed at camp and worked in our groups on compass bearings. It was raining for the rest of the day so we headed for the heated pools and up town. Saturday morning was the Camp Champs, a yellow, orange and red course were available. It was raining, but it was a pretty good course but a bit short.

I would like to thank the club for letting me have the opportunity to go on that camp and I would love to go to next years camp. Merry Christmas to everyone, and a happy new year.

Jenny.

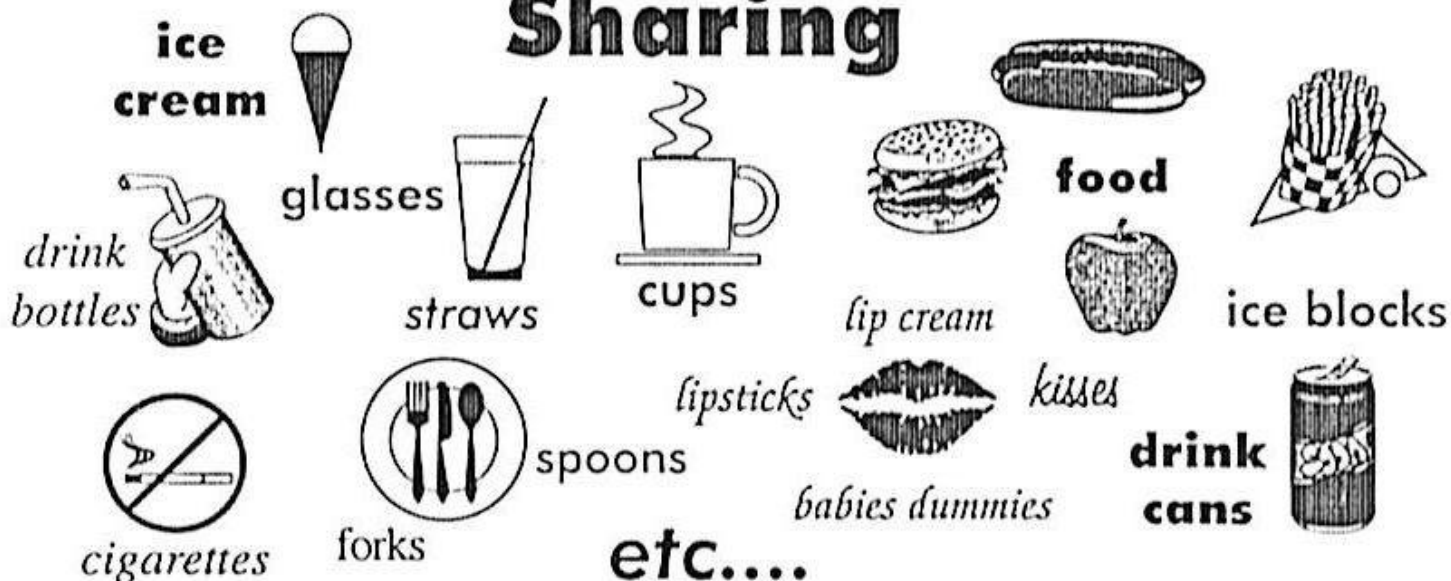
1999 TAUPO ALL NIGHT RELAYS - SEE BACK PAGE FOR DETAILS →

Spit Is Full Of

BUGS & GERMS



Sharing



Can Spread....



MENINGITIS, colds, flu, glandular fever, tuberculosis (TB) and cold sores.

To stop the spread of bugs and germs....

- Don't share cups, forks, spoons, or anything you put in your mouth.
- Use disposable tissues and throw in rubbish bin after use.
- Wash your hands before you eat.
- Cover your mouth and nose when you cough or sneeze.



UP UP AND AWAY!

Several of the major "away" events on the orienteering calendar tend to be concentrated towards the end of the year – the Auckland, Central Districts and Wellington regional championships.



Auckland Champs 17 – 18 October 1998

The courses were quite long and very demanding technically. In other words, just what we are looking for when we go away for a weekend. The need to concentrate for a long period on a tricky map tends to sort us out. And so it proved, with most of us making errors at some stage of our courses.

The event was held in the much used but still very challenging Woodhill Forest, to the north-west of Auckland.

Hawkes Bay members did not take out any of the championship courses on the first day but once we had re-focussed ourselves on the sand-dune forests, which are great orienteering but so foreign to Hawkes Bay, we took away first place in all but one of the Short-O courses we entered on the second day.

Wellington Champs 24 – 26 October 1998

The main championship event was held on the Red Kiwis' Gordon Kear map, in a high valley east of Linton. This time, the courses were a bit short, given the fine weather and good running conditions that prevailed. The Sunday and Monday courses were on vastly different terrain, in the coastal sandhill forests on Hydrabad and Scott's Ferry.

It was great to see Hawkes Bay runners turn out in droves for their own regional champs. Not that we came away covered in red ribbons but Derek headed the M45A field and Amber the W14A. On the Sunday it was Ross, Amber and James Watson who won their courses in the Short – O championships. On Monday we all raced off into the forest in a series of mass starts for a score event on the Scott's Ferry map. Something quite different and a lot of fun.

Central District Champs 7 – 8 November 1998

We were starting to get it all sorted by now. The CD Champs were held on two glorious new maps near Lake Rotoma, east of Rotorua. What made these maps so different was that they were in young gum tree forests, the first most of us had seen. Both the maps and the courses were a great credit to Rotorua member Mark McKenna.

The Hawkes Bay travelling circus was really starting to roll by now and we had 22 members at CD, a turnout exceeded only by the Rotorua and Auckland Northwest clubs. We all had a great weekend and took home rather more pickings this time. Course winners were:

Kate Morrison W12, 1st day 1; Amber Morrison, W14A, 1st day 1 and day 2;
Pamela Morrison, W35A, 1st day 2; David Costigan, M14A, 1st day 1;
Ross Morrison, M18A, 1st day 2; Tim Jowett, M21B, 1st day 2;
Geoff Morrison, M40A, 1st day 1 and day 2; Derek Morrison, M45A, 1st day 1 and day 2.

AB

CLIPPER CUP 1998

	Queen's B'day	Nata Classic	Nats Shorts	Auck Champs	Wgn Champs	Central Dist Day 1	Champs Day2	Total
Amber Morrison	10	10	10	10	10	10	10	70
Pamela Morrison		8	4		8	8	10	38
Emma Watson		10	10			4	10	34
Kate Morrison	6				4	10	6	26
Val Morrison	2				8	10		20
Kath Berry		10			4	4		18
Sharon Mardon	6				4	4	4	18
Jenny Russell	6				4			10
Asa Johansson		4	4					8
Jessica Fargher	4							4
Derek Morrison	10	10	10	8	10	10	10	68
Alan Berry		10	10	6	10	10	10	56
Ross Morrison	10			10	10	10	10	50
Peter Watson		10	10			10	10	40
Geoff Morrison		4	10		4	10	10	38
Max Kerrison	10				6	4	10	30
David Costigan	2				4	10	10	26
Ken Holst	6					10	10	26
Tim Jowett	10					2	10	22
Duncan Morrison					4	8	6	18
James Watson		8	8					16
David Fisher						4	8	12
Tom Fargher	8							8
Terry Russell	2				6			8
Philip Mardon						4	4	8
Brian Crawford				6				6

15

1997 CLIPPER CUP AWARD

This trophy is awarded each year to encourage members to take part in competitive "badge" level events around the country.

The New Zealand Orienteering Federation awards badge credits - gold, silver, bronze and iron, according to performance. Our club has slightly more relaxed rules as to the way in which the credits are awarded and applies them to all grades and classes, even though some are not eligible for NZOF badge status

Almost one quarter of our members took part in at least one event outside Hawkes Bay. We are obviously great travellers and we are looking forward to even more members joining the touring party next year. Taking part in these major events certainly sharpens one's orienteering skills and competitive instincts. And these trips away as a Hawkes Bay team are a lot of fun too.

Derek stumbled at Auckland and allowed Amber to take away the trophy with a perfect score of seven golds out of seven major events.

AB

Points are awarded: within gold credit time 10 points, silver 8, bronze 6, iron 4, dnf 2.
 All grades count the same, A, B or C, even though the NZOF may not award gold in some grades.
 Gold credit time = 100 to 112.5% of average of 1st 2 finishers' times, silver to 125%, bronze to 137.5%

THE LADS TRIP TO CHINA
aka Asla Pacific Orienteering Champs 1998

After Caroline packed my bags once again and after finalising my Massey University assignment at Auckland Airport, I was ready to join the other HB lads: Maurice "I am on holiday" Lloyd and Dave "Zen" Fisher, on our trip to Beijing, China.

First impressions of Beijing were smog, that the airport was not that busy, series of apartment buildings, bicycles, total disregard for any road rules especially intersections where any direction is permitted including the incorrect side, lots of people milling around appearing to do nothing, very few modern buildings and unexpectedly no feeling of being overwhelmed by people even though Beijing has a population of 12 million.

Maurice provided the day's entertainment with his attempt to purchase a down jacket. The first shop he goes into he is persuaded (the Chinese are very polite but extremely aggressive sellers), to purchase a \$NZ40 suit much to Dave's and my amusement. Unfortunately despite our encouragement Maurice doesn't try on the pants in the shop which were several sizes too big and this provided a brilliant one-liner "off to buy another suit" for the rest of the trip.

After Maurice was "clipped" by a group of painting scam sellers we visited Tiananmen Square to be met by the onslaught of postcard and other sellers. It was a great feeling to stand in a place that has seen so much history. The evening meal of the local speciality Peking Duck was superb.

After Maurice and I had our morning 10km run in the heavy smog (madness), our first experience of a Chinese breakfast - rice, boiled eggs, soup, spiced onions, cabbage in syrup and Chinese tea, was tolerable.

We managed to fit in a tour of the very impressive Forbidden City before suffering a nine hour bus trip (supposed to take only 3 hours) to the Yun Hu Holiday Resort and our home for the orienteering phase.

The supposed 3-star resort was a rolls royce version compared to the NZ equivalent with the complex containing an indoor heated pool, ten pin bowling alley, amusement parlour etc. The best part of the resort was the food and that it was smog free even though it was only 90km northeast of the centre of Beijing (the resort was still in the Beijing city area).

The model event was a real eye opener with the colours yellow (mostly paddy/corn fields) and light green (all forms of vegetation) dominating the map. No fine contours were present leaving you with the distinct impression that the contours were as the photogrametist saw them.

The other superb feature of the resort was the Chinese laundry and the amusement created by the Lloyd "sniff" test. The mud caked 'O' socks came out looking like a Persil ad.

The model map was very representative of the APOC classic and Maurice used his impressive speed to slaughter the opposition by 7½ minutes in the M45 grade in a time of 23:58 for his 4km course. On the M40 course the results were very slow with only 4 results up before they packed up all the equipment. I believed that although I had an outside chance of a win that giving away 6 minutes in the first two controls was fatal. We proceeded to celebrate Maurice's win in style with the Canadians and Lewis' joining in. Maurice was giving us the I'm on holiday line but none of us was having a bar of it. Subsequently my lucky win was confirmed and Dave was philosophical about his 12th placing. The Jim Beam bottle didn't care at all.

Our "rest day" was occupied by a bus trip to the Great Wall. This was a highlight for me with the feeling that you are standing on thousands of years of history.

In the Relays the lads had hopes of an upset victory in the M35/40 relay against the world but we didn't get within daylight of the Japanese time of 89:20 to our 122:10 and 5th. Dave went against his personal philosophy and went too fast and Maurice and I were distinctly average. The highlight was the NZ team of Owen Evans, Alan Carman and Jim Lewis scoring third in a time of 119:56.

The final event in the orienteering leg was a short event (not a Short O but one short event). To give you some inkling of what is required to orienteer on Chinese maps I will describe the thought process in completing some of controls in the short event.

The first control appeared to be in a fairly obvious re-entrant and toward the bottom end of a distinct hill. As I travelled up a marked small re-entrant on the map it keeps on going to near the top of the hill and runs into a track that is supposed to be 150m away. What do I do? Wrong re-entrant, try the next one. There is a control at the top and unbelievably it is mine; what a break!

Control 4 was in the village but the unmapped bridge and pump shed confuse me so I start looking for groups of villagers and eventually find the control.

Control 6 looks difficult but I ignore everything except that it is on a spur and find it easily. Can't understand why the Aussie has stopped short 20m before the control. (Discussing it afterwards he used the power line on the map but this was unfortunately mapped 200m out. Fortunately with my experience with the track at the first control I wasn't looking at any other feature than the major contours).

I do not know if you call this orienteering but I enjoyed it immensely. The result board showed the Japanese entrant had a time of 32:55 with my watch showing 32:54:35 - another lucky win.

Dave did his best run but unfortunately the wind had blown the maps around and the officials had placed them back on the wrong piles so Dave completed the M35 course. Maurice was 2nd in the short event to a Swedish entrant.

The organisers bussed us back to the Olympic hotel (3-star but more like 5-star) for a real banquet. In the seven years I have been taking part in these events this event has had the best peripheral accommodation, food and sight-seeing provided.

The lads then braved the rail system and travelled 230km north to Chengde for yet more shopping and to check out the "Imperial Palace to escape the summer heat". On returning to Beijing and seeing the lads off to London I spent a day shopping for the kids and visiting Mao Zedong's tomb. The contrast between the very wealthy and poor Chinese is pronounced with US\$6 million malls within 100m of the very poor areas.

Further impressions of China were blue trucks, market stalls, small cubicle shops, postcard sellers, toilets and third world dwellings.

China is no holiday resort but it is a place which has a lot of history and will make you reflect that New Zealand is a very healthy place in live in.

Peter Watson

APOC 2000	Queensland, Australia	www.qoa.asn.au/apoc
APOC 2002	Alberta, Canada	www.apoc2002.com
APOC 2004	Kazakstan?	

1999 TAUPO ALL NIGHT RELAYS - SEE BACK PAGE FOR DETAILS →

IS YOUR COMPUTER YEAR 2000 COMPLIANT?

Almost certainly not . . . but it may not matter too much.

If you have access to the Internet, you can check it out.

Once you have logged on, open the site called *www.download.com*. This site contains a lot of free shareware.

Type y2k in the Quick Search box, click on the Search button. Of the various downloads that are offered, click on Ontrack Y2K Advisor 1.0. Click where it says "Click here to download" and then on "www.ontrack.com". Save the file to Y2kdisk.exe as suggested.

We are making progress. The file will be saved on to your hard drive at C:\TEMP\y2kdisk.exe. Disconnect from the Internet. Go to the file C:\TEMP\y2kdisk.exe using Explorer (or whatever) and double click on it. Then just follow the simple instructions!

This software tests eleven different aspects of Y2K compliance, including your computer's ability to (1) correctly roll its operating system over to 2000, (2) whether or not it correctly recognises the leap years early in the new century and (3) whether or not the Real Time Clock can handle the roll over from 1999 to 2000.

Almost all PC's fail this last test. The real time clock wants to roll over from 31.12.1999 to 01.01.1900. But all is not lost. There are ways of overcoming the problem when the time comes and you will see one of them described in the report on your machine's test.

If the BIOS tests fail or the wheels fall off completely somewhere along the line, don't ask me! I am just the messenger.

Alan B

1999 TAUPD ALL NIGHT RELAYS - SEE BACK PAGE FOR DETAILS →

Tangoio - OY6 - November 1, 1998

The more you do, the more you learn and Tangoio has a very high learning curve when it comes to course setting for a relatively newcomer. While the start area seemed excellent for its purpose, its high location caused all kinds of problems in keeping the climb to an acceptable figure. However, the request that in future we start on the perimeter road, will remove this temptation from the next setter.

Likewise the attempt to set red courses of sufficient difficulty in the older open forest on the high narrow ridges proved more difficult than anticipated and was finally abandoned in favour of using this area for the orange course.

Another aspect of learning occurred when different runs of OCAD resulted in small variations between the maps. This culminated in one competitor trying to mark a cliff control from the master map on to her map which did not have the cliff! Sorry, Linda.

At least the Yellow and White courses had the thrill of running in the high part of the forest, an area that they are unlikely to see again.

A special thanks to Pamela, Geoff, Brian and all those who helped out on the day.

Brian Crawford

Seasons Greetings, Norris

INSTRUCTIONS FOR TANGOIO & WHIRINAKI EVENTS

We have enjoyed this forest for many years and it is now approaching maturity in places, in fact some timber has already been harvested. In view of this and to avoid any last minute problems, either to ourselves or the forest services, Peter Reid, the coordinator for Esk and Tangoio, has asked that we keep in closer contact as follows:

- 1) As soon as the programme is finalised for the new year, the Fixtures Officer is to advise Peter Reid, in writing, of the dates we will be using the forest. Any late changes should be discussed with Peter before being actioned.
- 2) About 4 to 6 weeks before the event, the course setters are to advise Peter, in writing (including a map, if necessary) where they plan to have the carpark/event centre. This should be in an open area on the perimeter road and NOT in the centre of the forest.
- 3) The course setters and anyone helping them should always have fire extinguishers in their cars when in the forest.
- 4) Signs etc must never be nailed to trees and all tape and other extraneous matter should be removed when the event is over.
- 5) PanPac Security (Private Bag 6203, Napier or fax (06) 831 0131) should also be advised by the club secretary giving the course setters names, the estimated dates of their permits and copies of their signatures. This was because Norris and I used Sharon's permit at the last event and neither of us look at all like Sharon!

Most of this is just common sense or things we already comply with, so please make sure that we always carry them out. There is still lots of good orienteering in Tangoio and Peter Reid has always made it as easy as possible for us to use this forest.

Brian Crawford

HB Orienteering Club

Results - OY6 - "Tangoio" - November 1, 1998

Setter: Norris Cox

Vetter: Brian Crawford

Red Long (5.15km, 410m)

Geoff Morrison	78.33
Derek Morrison	89.47
Mark Hudson	92.57
Peter Watson	100.15
Maurice Lloyd	119.39
Ken Holst	127.09

White (1.7km)

Emma Watson	19.41
Hugo Beamish	24.19
Scott MacDonald	29.57
Brendon Lloyd	40.38
Duncan Morrison	41.15
Stan & Chris Holland	58.33
Perrin Mikaere	70.29

Red Medium (3.35km, 340m)

Ross Morrison	70.44
Pamela Morrison	89.25
Terry Russell	99.52
Alan Berry	103.20
Dave Fisher	131.18
Doug Matheson	146.23
Scotty & Beryl Smith	177.45

String Course

Scott McDonald	11.50
Duncan Morrison	17.00
Christopher MacDonald	23.23

Red Short (2.74km, 205m)

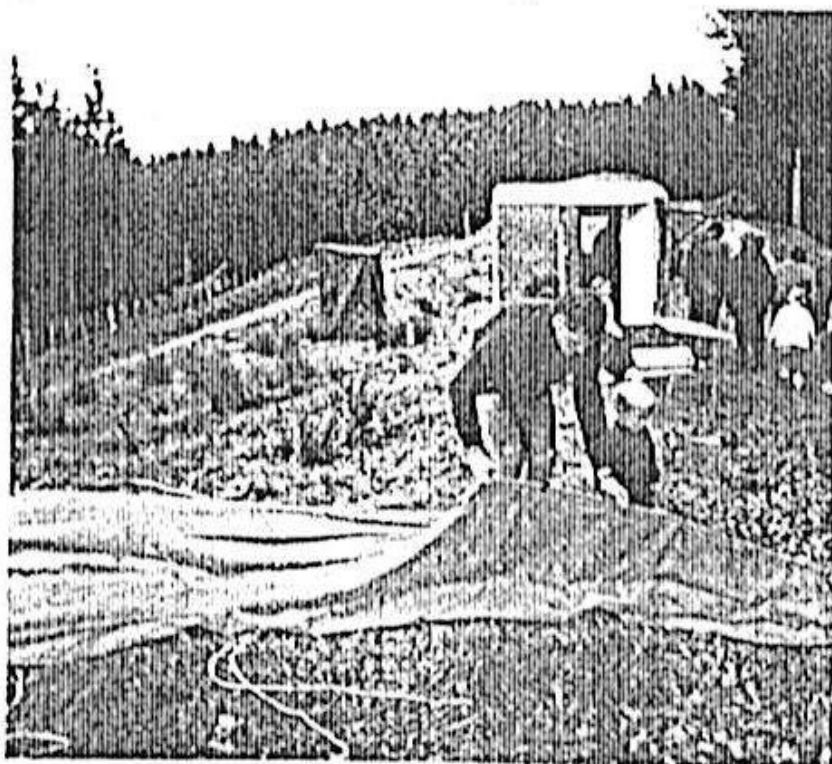
Richard Lynn	71.10
Stewart Hyslop	77.40
Sharon Mardon	98.54
Mike Baldwin (11)	141.48
Kath Berry	DNF
Brian Wardle	DNF
Ann Sapsford	DNF
Linda Lloyd	DNF

Orange (2.88km, 220m)

Simon Beamish	83.15
Rob McDonald	92.33
Jenny Russell	98.39
Boland - Bristow Family	110.52
Paul Steeds	125.48
Ogier Family	189.58
Afleck Family	DNF
Berry Family	DNF

Yellow (2.0km)

Amber Morrison	38.37
Jason Russell	46.20
James Watson	49.30
Mae Fisher	71.49
Melissa Mikaere & Danielle Everson	76.00
Conal Bristow & Daniel Berry	129.20
Bubby Niwa	DNF



1998 OY SERIES

	OY 1	OY 2	OY 3	OY 4	OY 5	OY 6	Total	Best 5#
Red long - men								
Derek Morrison OY2*	25.00	25.00	24.17	25.00	25.00	21.87	146.04	124.17
Geoff Morrison OY4*	23.71	20.55	22.04	25.00	18.60	25.00	134.90	116.30
Peter Watson OY1*	25.00	25.00	25.00	21.66	19.14	19.59	135.39	116.25
Maurice Lloyd	19.30	10.00	23.66	20.41		16.41	89.78	89.78
Mark Hudson		22.55		24.93		21.13	68.61	68.61
Ken Holst					16.71	15.44	32.15	32.15
Norris Cox OY6*			13.96			13.96	27.92	27.92
Max Kerrison			16.99				16.99	16.99
Craig Tuohy	12.10						12.10	12.10
James Wood			10.41				10.41	10.41
Gordon Rogers	10.00						10.00	10.00
Red medlum - women								
Pamela Morrison OY3* ,4*	25.00	25.00	25.00	25.00	25.00	25.00	150.00	125.00
Caroline Watson				25.00			25.00	25.00
Red medlum - men								
Ross Morrison	25.00		23.76	25.00	25.00	25.00	123.76	123.76
Bruce Perry OY5*		21.03	25.00	23.53	25.00		94.56	94.56
Ken Holst	17.46	25.00	22.65	22.24			87.35	87.35
Alan Berry OY3*		16.24	17.62	16.44	17.62	17.11	85.03	85.03
David Fisher	14.62	16.73		14.06	18.69	13.47	77.57	77.57
Terry Russell	10.00		15.93	15.48	13.43	17.71	72.55	72.55
Richard Lynn	12.19	11.75	15.45	14.40	12.98		66.77	66.77
Doug Matheson OY5*	15.20			14.18	15.20	12.08	56.66	56.66
Tom Fargher OY1*	18.90	18.90		16.35			54.15	54.15
Craig Tuohy		13.77		18.10	15.29		47.16	47.16
Eric Dunbar	15.46	16.52					31.98	31.98
Max Kerrison		23.29					23.29	23.29
Ross Berry		14.63					14.63	14.63
Brian Wardle		10.00					10.00	10.00
Red short - women								
Sharon Mardon	22.16	18.64	14.93	25.00	18.20	25.00	123.93	109.00
Caroline Watson	25.00	25.00	25.00		25.00		100.00	100.00
Linda Lloyd	10.00	24.32	15.16	23.53	16.17	10.00	99.18	89.18
Kath Berry OY3*		21.26	21.45	21.45	10.00	10.00	84.16	84.16
Anne Sapsford			10.00	16.15		10.00	36.15	36.15
Naomi Schumacher	14.85		17.61				32.46	32.46
Red short - men								
Brian Crawford OY6*	25.00	25.00	18.42	19.57	23.95	25.00	136.94	118.52
Brian Wardle			25.00	25.00	22.12	10.00	82.12	82.12
David Smith	10.00	21.90	17.65		13.11		62.66	62.66
Stewart Hyslop					25.00	22.91	47.91	47.91
Richard Lynn						25.00	25.00	25.00
Paul Steeds				10.00	13.40		23.40	23.40
Craig Riley				22.37			22.37	22.37
Philip Mardon			17.32				17.32	17.32

Orange - women								
Jenny Russell	10.00	17.23	25.00	25.00	25.00	25.00	127.23	117.23
Jessica Fargher	25.00	25.00					50.00	50.00
Diane Lucas				24.33			24.33	24.33
Val Morrison				13.00			13.00	13.00
Orange - men								
Rob McDonald			20.72		25.00	22.49	68.21	68.21
Tim Jowett		17.34	25.00	25.00			67.34	67.34
Jim Taylor			19.06	21.62			40.68	40.68
Anthony Lloyd				19.84	17.81		37.65	37.65
Mathew Wood		25.00					25.00	25.00
Simon Beamish						25.00	25.00	25.00
James Wood		23.91					23.91	23.91
Paul Steeds						16.54	16.54	16.54
Rob Poulgrain			13.03				13.03	13.03
Max McEwan			11.04				11.04	11.04
David Unwin			10.80				10.80	10.80
Yellow - women								
Amber Morrison	25.00 \$		25.00	25.00	25.00	25.00	125.00	125.00
Gemma Schumacher	17.54						17.54	17.54
Emma Watson	\$						0.00	0.00
Yellow - men								
James Watson	25.00 \$		18.42	20.97	25.00	23.40	112.79	112.79
Jason Russell				25.00	10.00	25.00	60.00	60.00
David Costigan	\$		25.00				25.00	25.00
Mac Fisher						16.13	16.13	16.13
White - women								
Emma Watson	25.00			25.00	25.00	25.00	100.00	100.00
Kate Morrison	16.69	15.32	25.00	14.78	10.00		81.79	81.79
Helen Watson	22.32	16.15	10.00	10.00	14.72		73.19	73.19
Sophie Fargher		25.00					25.00	25.00
Anneka Perry		10.00		20.25^	12.63		22.63	22.63
Sarah Berry					13.44^		0.00	0.00
White - men								
Hugo Beamish		17.78	25.00	25.00		25.00	92.78	92.78
Brendan Lloyd	25.00	15.57	13.54	10.00	12.74	14.96	91.81	81.81
Duncan Morrison				10.00	25.00	14.74	49.74	49.74
Scott McDonald						20.30	20.30	20.30
Alister Poulgrain			12.52				12.52	12.52
Perrin Mikaere						10.00	10.00	10.00
Brett Dever			16.88^				0.00	0.00
Rhian Hill		25.00^	24.58^				0.00	0.00
Oliver Watson					25.00^		0.00	0.00

The OY series is over 6 events during the year. The lowest scoring event may be dropped. Where a member does not take part in all 6 events, then all results count.

* indicates setters and controllers, who score points equal to their best other event during the series

total for year, if less than five events

\$ yellow course at Maraetotara invalidated because of missing control

^ accompanied - points do not count in total

Setter: Ken Holst

Vetter: Terry Russell

Welllll! Lovely day! Great area and some incredible results! eg fastest time on the Orange long course went to Karl Baker who I understand has had virtually no orienteering experience, and who just happens to be in the M16 grade.

Fastest time on the Orange short course (a shortened version of Orange long) was run by Jenny Russell also in the 16 age group. Says a lot for our younger competitors.

I must apologise to those older competitors who found the courses a little physical. I have to admit I did not take them into consideration when setting the courses. Unfortunately the terrain in that particular area of the map is rather demanding physically as well as technical.

This combination makes it very difficult to orienteer well particularly when both the concentration and the energy give up at the same time.

The most impressive event of the day for me was watching the juniors on the white course leaving the 1st control. I managed to watch most of them to ensure they went the correct way, as this wasn't particularly obvious on the ground (the track couldn't actually be seen from the 1st control although there was a fence to follow.) At least 3 of the kids actually used the sun to orientate their map!!! I'm amazed at their knowledge sometimes - I mean how many adults would do that?

Thanks to Terry for his work in advance and on the day - I hope he learnt something of use, even if it's where not to send older age grades.

Ken

RED LONG (8.7km, 440m climb)	
Mens Open	
Peter Watson	77.47
Geoff Morrison	83.28
Mark Hudson	86.27
Dominic Teahan (RK)	92.33
Ross Morrison	93.10
Maurice Lloyd	104.38
Grant Davidson (Taupo)	DNF
Derek Morrison	DSQ

RED MEDIUM (5.5km, 275m)	
Womens Open	
Pamela Morrison	90.33
M40	
Max Kerrison	62.50
Tom Fargher	76.12
David Fisher	86.25
Norris Cox	104.26
Doug Matheson	167.50

Unofficial	
Bryn Davies (RK)	140.21
Scotty & Beryl Smith	237.45

RED SHORT (3.8km, 180m)	
M50+	
Alan Berry	52.34
Stewart Hyslop	67.27
Brian Crawford	78.18
Dave Smith	109.38

W40	
Linda Lloyd	74.02

W50+	
Sharon Mardon	85.26
Kath Berry	137.29

ORANGE LONG (4.0km, 180m)**M16**

Karl Baker	58.20
Matthew Wood	70.16
Anthony Lloyd	106.05

Mens Open B

James Wood	64.55
Rob McDonald	70.31
Robert Gillman	72.35
Tim Jowett	75.09
Richard Lynn	93.29
Brian Wardle	97.32
Paul Steeds	111.15
Don Gordon	181.27

Unofficial

Sarah Moodie (Taupo)	102.38
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ORANGE SHORT (3.8km, 180m)**W16**

Jenny Russell	59.55
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Womens Open B

Val Morrison	DNF
Anne Sapsford	DNF

Unofficial

Mac & Ngaire Fisher	135.26
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YELLOW (2.4km, 180m)**M14**

Jason Russell	47.06
James Watson	49.55

W14

Amber Morrison	54.08
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Unofficial

Boland-Bristow Family	72.21
Melissa Mikaere	76.25
Afleck Group	81.28
D & P Ogier	84.42
Jepson Family	85.26
Chapman-Olsen Family	DNF

WHITE (1.9km)**M12**

Scott McDonald	44.59
Duncan Morrison	48.34
Rhian Hill	53.09

W12

Emma Watson	21.01
Cara McDonald	42.14
Sophie Fargher	43.39
Kate Morrison	47.53

Unofficial

Brendon Lloyd	37.23
Christopher McDonald	50.06

STRING COURSE

Ross Morrison	3.32
Jason Russell	3.50
Emma Watson	4.18
Nicola	4.58
Cara McDonald	5.27
Sophie Fargher	5.42
Scott McDonald	5.48
Duncan Morrison	6.17
Rhian Hill	6.53
Christopher MacDonald	7.49
Kate Morrison	8.34
William Hocquard	8.59
Rata Chapman-Olsen	16.19
Tom Hill	17.37

1999 TAUPO ALL NIGHT RELAYS - SEE BACK PAGE FOR DETAILS

Snakes and Ladders on Te Mata Peak – 29 November 1998

A score event is a useful way of making a familiar map just a little more difficult for those who know the terrain too well. The occasional score event is not a bad idea anyway. Instead of just focussing on a series of controls in a pre-determined order, we need to think a lot more carefully about route choice and the most efficient way of gathering in as many controls as possible within the time allowed.

Throw in a few "snakes", where you need both the head and the tail for either to count (but do not know where the snakes are when you start) and a few "ladders" in the form of bonus points for visiting multiples of caves, boulders and hilltops, and it becomes just a weeny bit more difficult again. We then have to change plans on the run, varying the original objectives to fit a changing picture and a rapidly diminishing amount of time!

Derek showed the benefits of a nimble brain as well as nimble footwork and left the rest of the field far behind. Geoff and Mark decided to collect all 27 controls and let the clock do what it liked. They at least demonstrated that it was not possible to collect maximum points within the allotted 60 minutes!

It was great to again welcome a number of our Red Kiwis mates to this much used and much loved map. We hope you enjoyed the outing as much as we enjoyed putting it together for you.

Alan and Kath Berry



HB Orienteering Club

Results - Club event - Te Mata Park - November 29, 1998

Setter: Alan Berry

Helper: Kath Berry

Score event - 60 minutes Points

Red long

Derek Morrison	1070
Peter Watson	620
Graham Teahan (RK)	560
Doug Matheson	440
Geoff Morrison	280
Mark Hudson (RK)	-420

Red medium

Richard Lynn	690
Terry Russell	680
Ken Holst	590
David Fisher	560
Pamela Morrison	560
Tom Fargher	530
Brian Wardle	400
Beryl & Scotty Smith	170

Red short

Robyn Davidson (RK)	440
Sharon Mardon	320
Brian Crawford	320
Anne Sapsford	200

Orange

Lyn Gentry	440
Jenny Russell	400
Pat Larsen (RK)	120
Reagan Gentry	-680

Yellow

Emma & Helen Watson	280
Amber Morrison	180
Jason Russell	-890

White Course

Solfrid & Hanna Jepson	19.42
Kate Morrison	20.24
Bubby Niwa	20.54
Tony Ohlson	21.02
Duncan Morrison	26.02
Michelle Taylor	30.19

String Course

Solfrid Gillman	2.45
Duncan Morrison	5.17



Course Setters Report

I remembered after I observed you struggling around in the heat that when I did this sort of event it was on a much smaller map and so that is why it ended up twice as long as intended.

In order to do this sort of event well you need to follow what you should be doing in normal orienteering events which is:

- (a) SIMPLIFICATION - only need to know control number (not the code on the flag) and the major features on the map that you will pass (road, tracks, ponds, trees, hills).*
- (b) ATTACK POINT - what feature is going to lead you into the control.*
- (c) CONTROL FEATURE - boulder, re-entrant etc.*

You also need to have a mental cut-off time when you stop looking for the control and return (or re-locate if you have a map).

Another interesting observation is that ability to memorise had no relation to experience which means that all of you can train your memory's to be better. I find it helpful for re-location (if you remember what you have passed you can quickly correct errors) and to exit controls quickly (you already know where you are going).

Alan's team just managed to pip Mac's team with run of the day coming from Fay McDonald with her ability to find quite difficult controls.

Maurice Lloyd almost surpassed Fay's efforts, combing the memory event, with a bit of rogaining, fartlek training, other distractions and control collection. Maurice's team only failed to get control 25 while finishing 12 minutes behind the winners.

Peter Watson

1999 TAUPO ALL NIGHT RELAYS - SEE BACK PAGE FOR DETAILS →

MEMORY TEAMS EVENT
HORSESHOE BEND - 13th DECEMBER 1998
RESULTS

	Controls	Time
<i>Alan Berry, Ken Holst, Gordon Rogers, Fay McDonald</i>	27	1.58:16
<i>Mac Fisher, Amber Morrison, Brian Crawford, Derek Morrison</i>	27	2.04:48
<i>Geoff Morrison, Stuart Hyslop, Paul Steeds, Don Gordon</i>	27	2.21:48
<i>Maurice Lloyd, Caroline Watson, Linda Lloyd, Helen Watson</i>	26	2.10:47
<i>Pamela Morrison, Jenny Russell, Jason Russell, Terry Russell</i>	22 (+2)	2.37:13
<i>Mark Hudson, Sharon Mardon, Rob McDonald, Emma Watson</i>	17 (+4)	2.13:36
<i>Dave Fisher, Doug Matheson, Craig Tuohy, Anthony Lloyd</i>	16 (+4)	2.10:43
<i>Richard Lynn, Tim Jowett, James Wood, Kate Morrison</i>	7 (+8)	2.31:26

The +2 refers to controls clipped in the wrong boxes that I could identify.

Dave Fisher's team had a further 5 clips (to fill up the card possibly?) and Richard Lynn's team had a further 3 clips that I couldn't be sure if they related to any additional controls.

Are You Getting the Most from your Map?

In the fifth of this series, Michael Wood discusses some of the symbols on the orienteering map. As Coaching Director and a mapmaker, Michael's advice will help you use the information which is there. He suggests you get out a few of your old maps to refer to when you are reading this.

In this issue: Contours and other Brown Features

Contours are the most useful map features and at the same time hardest to use. We'll start off with the other features, and return to contours later.

Earth Bank: New Zealand has unstable geology compared to most countries, and the banks are often at the top of slips. They are also found alongside roads and tracks. Sometimes the track has disappeared, and its old location is revealed by a series of banks which you may be able to follow! The book doesn't specify a minimum height, but most mappers would use 1m (waist height) as for other features. The bank is shown by a thick brown line with tags on the "down" side. Impassable banks are black, even if they are still made of earth.

Hint: a bank or cliff is easier to see from below than above. If possible, organise your approach to suit.

Earth Wall: Not common, but sometimes used for farm dams. The symbol is a thin brown line with brown dots on it. There is a small or ruined earth wall too, which uses a dashed line.

Erosion Gully: We've talked about these before, the same thing can be mapped as an erosion gully or a watercourse. An Erosion Gully (solid brown line with pointy ends) has to be 1m deep. A Small erosion gully (row of brown dots) only has to be half a metre.

Although not caused by erosion, the brown dots are used in NZ and Australia for disused man-made ditches. In mining areas you often get old water races going parallel to the contours. These can be great for travel, no climb and often a bit of a track on the downhill side.

Knoll: If possible, knolls (small hilltops) are shown with enclosed contours or form lines (see below). This lets you see the shape of the hill. The mapper is encouraged to take liberties with the strict position of the contour to bring out the humps and bumps that the orienteer will notice.

If the knoll is too small to be drawn with a contour, a brown dot is used. This is especially common in sand-dune terrain where there are lots of knolls and depressions close together. Knolls are supposed to be at least 1m (waist height) all round, but many mappers overdo this. It is common to find a hump on a spur that looks like a knoll from above or below, but when you stand there it doesn't have 1m all round.

Depression: Just like knolls: contours if possible, otherwise a brown "U". You can tell a depression from a knoll because the slope lines (see below) point inwards. Slope lines are usually absent on knolls. Just like knolls, many mappers show depressions that wouldn't hold more than a cupful of water if it rained! They are supposed to be 1m deep.

Hint: You often get knolls on a ridge, and depressions in a valley. Aim for the ridge or valley to one side of the one you want, and then follow it along. Where knolls and/or depressions are scattered all about it's much harder: is that the contour hill or just a dot knoll? Is that high ground shown as a knoll or is it just the gap between two depressions? Your warning bells should ring, and you need to approach very slowly from a definite attack point.

Pit: A hole with distinct steep sides, which usually means man-made. A brown "V" is used for these. If it's so deep that you could fall in, the black "V" is used instead. You can find these in limestone country such as Pio Pio, or places where there has been mining.

Broken Ground: When there are so many humps and hollows that a reasonable orienteer could not make them out, the mapper doesn't try to show it all. Instead, a pattern of fine brown dots is used. Otago and Hawkes Bay have slumpy land where this happens.

Contour: Most of us know that a contour is a brown line joining points of equal height, and that the pattern of lines represents the shape of the ground. The hard part is going from the pattern of lines to a mental picture of what the land will look like.

There are some useful analogies which may help. The contours look like sheep tracks, picture sheep on the brown lines and you may be able to visualise the land. (Don't count the sheep!) Or think of the line of debris left when the tide goes out. A valley is like a bay; a ridge is like a headland sticking out into the sea.

But the only way to improve this picturing is to practice. You can practice in a sandpit at home or at the beach: make a sand model and draw the map, or take a map and build the model. The ultimate practice is to take a map and wander round in the terrain. All clubs should be able to supply one or more of their maps with just the contours on it, and this removes the temptation to navigate by the other features. Draw yourself a wiggly line on the map, try to figure out what you expect to see, then follow the line on the ground. Take a friend. Point out to each other what you can see.

You will improve much faster if you take time to practice instead of racing the clock all the time. Get out to the map by yourself, or treat minor events as practices. Write NT (No Timing) in the Time box on your clip card. Well, they don't keep the score at footy practice, do they?



Finally, there are some other symbols that help us interpret the contours.

Index Contour: Every fifth contour is shown with a thicker line. You can often get a better impression of the overall ground shape by only looking at the thick contours. If they don't stand out for you, squint.

Form Line: Dashed contour lines are used between the ordinary contour lines to give more information about the shape of the ground. This is often needed where the slope is gentle but there are lots of small undulations, i.e. sand-dune maps, and the soft soils near Taupo.

Slope Line: This is a short line drawn on one side of a contour to indicate "downhill". They must be used inside depressions otherwise we couldn't distinguish them from hills, but they can be used anywhere on the map. The Fieldworker usually puts some of them on in the field. The Cartographer goes over the map and puts more on. Then the Cartographer goes over the map and puts more on. And more on.

The funny thing is, THERE ARE NEVER ENOUGH! More next time.

WAITANGI WEEKEND ORIENTEERING

Saturday 6 February 1999 Heaton Park

Sunday 7 February 1999 Sandhills

The maps are adjacent, and are located close to SH3 between Bulls and Wanganui. The venues will be signposted both days, fire risk permitting, from SH3 just north of Duddings Lake Motor Camp and Picnic Park, about 20km from Sanson. If the fire risk is extreme, access will be from about 14km from Sanson.

The venues are near the WMOC 2000 venues.

These two events are being organised primarily for the 1999 NZ Masters Games, Wanganui. Casual, on the day, entries are welcomed, particularly from those orienteers who are too young to enter the Games.

Casuals will be able to start each day after the competitors have all started, Saturday from about 4pm, and Sunday from about 11am.

Four courses will be offered – Red, Orange, Yellow and White. The Red and Orange courses will be different to the Masters Games courses.

Mark your own course on your map in your race time.

Red and Orange Courses by Mark Hudson and Dominic Teahan
Scale: 1:15000 Contour Interval: 5m

White and Yellow Courses by Robyn Davidson
Scale: 1:5000 Contour Interval: 5m

Accommodation: Try motels and motor camps in Marton, Bulls, Sanson, Feilding or Palmerston North. Also Flock House.

Organisers: Red Kiwi Orienteering Club, Manawatu.

Enquiries to Robyn Davidson
Ph: 06-353 3262 Fax: 06-354 3262 Email: robynd@xtra.co.nz

Aged 35 or over? It's not too late to enter the Masters Games.

Final Closing Date: 8 January 1999.

Entry forms available from NZ Masters Games

Ph: 06-345 4555 Fax: 06-345 0015

Email: nzmastersgames@clear.net.nz

1999 TAUPO ALL NIGHT RELAYS - SEE BACK PAGE FOR DETAILS →



KATOA PO (#19) **(1999 TAUPO ALL NIGHT RELAYS)**



The 1999 inter-club all-night orienteering relays will be held on the night of Saturday, 27 February 1999. Full moon is on the 2nd March. This event is jointly run between the Taupo Orienteering Club and the Sir Edmund Hillary Outdoor Pursuits Centre of NZ.

Map: *Taurewa East* – The Taurewa map was first used for the 1994 CDOA Champs. The eastern section is new to orienteers and is not as nearly complex as the western side. Remapped at 1:10 000 scale. Magnificent vistas of Tongariro, Ngaunuhoe & Ruapehu.
Scale: 1:10 000 **Contour interval:** 5m
Terrain: Farmland with lots of water features and gullies. Numerous patches of native forest and log piles.
Course planner: Kathleen Lonsdale **Controller:** Jim Lewis

Leg cover, headlamp, and a spare torch (or bulb/batteries) recommended.

DIRECTIONS: Signposted (from 5 p.m.) from the intersection of Kapoors Road and State Highway 47 (5½ km SW of the *Sir Edmund Hillary Outdoor Pursuits Centre of NZ* turnoff, or 7 km NE of the turnoff to *Chateau Tongariro / Whakapapa Village*).
Travel 2.0 km along Kapoors Rd (an unsealed narrow road) to the Event Centre until you reach a round haybarn on your left. (Event Centre Map Reference: S19 277305)
Taurewa is fairly isolated. There are no close towns or service stations.

REGISTRATION: At the Event Centre from 5 p.m. (*no earlier*).

Note: Each team is required to provide at least 1 person to help run the Event during the night as TOC hasn't enough members to run the Event and enter a team.

START: Leg 1 runners must be ready to start by 7:50 p.m. The actual time depends on light and weather conditions. Sunset is 8:04 pm

CLOTHING: Leg cover is recommended (may be the odd thistle/blackberry about!)
Long grass is to be expected in places. Expect to get wet feet.

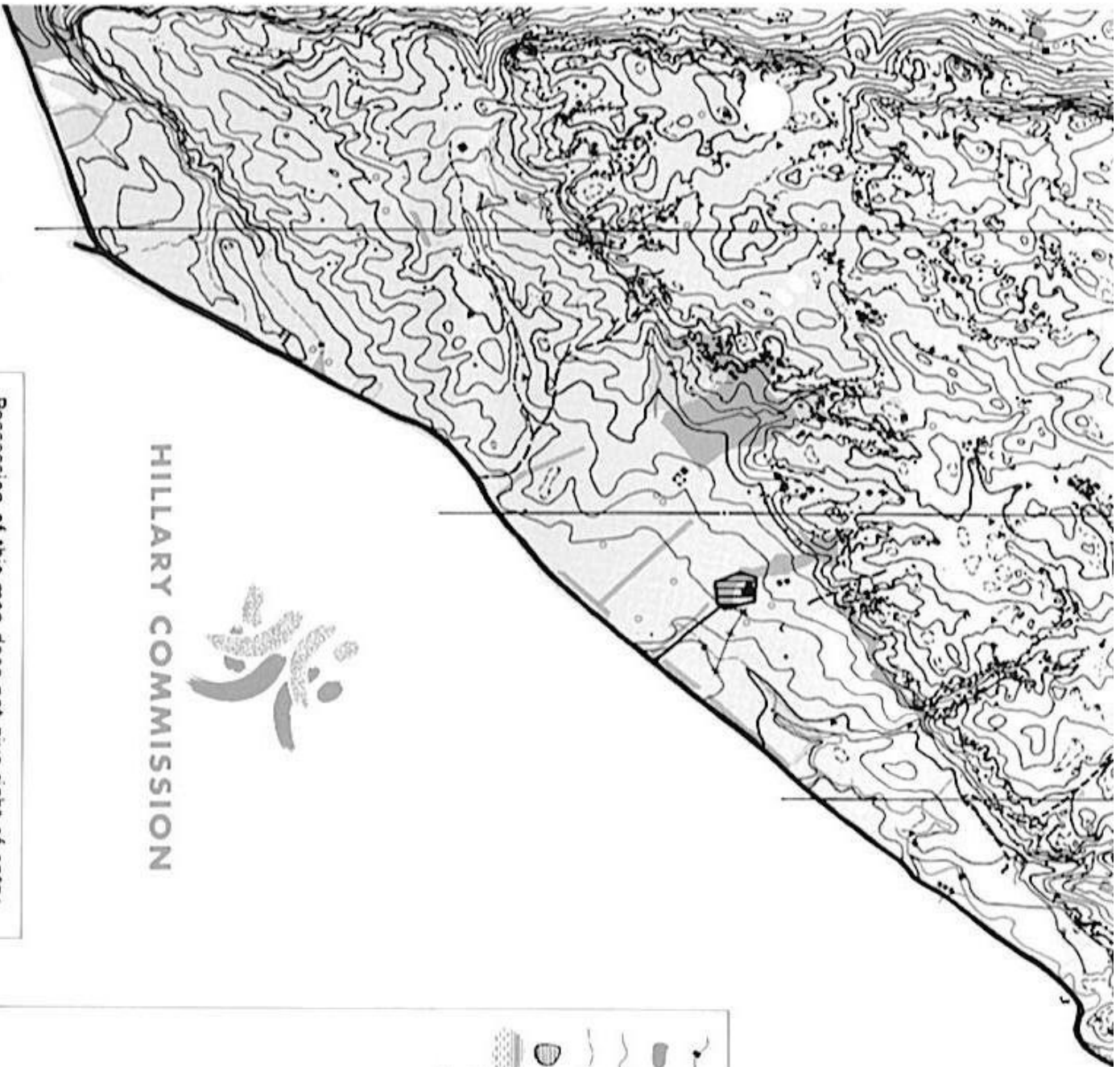
ACCOMMODATION: Plenty of room for camping by Registration, handy to Start/Finish. Long-drop loos. You need to be completely self-sufficient. There is no running water.
There is no telephone available (unless one of you *yuppies* brings your *mobile*).
No dogs allowed. No open fires - use a gas BBQ/stove.

SUNDAY'S EVENT (CDOA OY #1) 28 February

Course Planner: Grant Davidson. **Controller:** Alhol Lonsdale. This will take place on the more complex western side of the map (*Taurewa West*). Further details will be sent out when they have been finalised. Enter on the day.

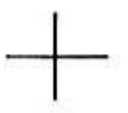
ATTENTION HBOC MEMBERS!!

This is a great club event - highly recommended for everyone.
If you would like to take part, please contact Geoff or Pamela Morrison before Sunday, February 14, 1999.
We will not be chasing members, so if you would like to go, please contact us before this date. **NO LATE ENTRIES.**



HILLARY COMMISSION

Possession of this map does not give right of entry.



	Foot bridge
	Pond
	Stream
	Seasonal watercourse
	Impassable marsh
	Marsh
	Water trough
	Distinct tree
	Open land
	Open with scattered trees
	Forest
	Slow running
	Fight
	Out of bounds

LEGEND

	Contours
	Form line
	Depressions
	Earth bank
	Earth wall
	Pit
	Knolls
	Rock pillars/cliffs
	Passable rock face
	Rocky pit
	Cave, trig point
	Boulder, > 1.5 m
	Large boulder
	Boulder cluster
	Boulder field
	Stony ground
	Minor road
	Road
	Vehicle track
	Indistinct track
	Fence (not all shown)
	Stock yard
	Building
	Ruin
	Water tank
	Power line

December 1998