

D'

# COMPASS POINTS



**JUNE 1998**

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# PRESIDENTS REPORT

The mid-winter brings a lull in the season for about 3 months where the time available is best used to get those things done around the house that normally get put to one side during the orienteering season. Nevertheless, there are still the Winter Classic in Wairarapa (recommended) in July, the National SS champs in Taranaki, and our usual fortnightly club events to keep us all in trim. These are to freshen us up for the onslaught of interesting events coming up in the spring and early summer.

It is great to see the large turnouts at recent events, with 73 at Horseshoe Bend and 100 at Mangarara. The weather has been kind, and I know the course setters really appreciate the large turnouts, especially after the work that has been put in.

Mapping has been progressing well, with the Havelock Hills map all set to be OCADed, and the Te Mata Park map, close to being re field checked. The new Arborfield map is close to being finished though it now goes on hold for 4 or 5 years while we wait for the trees to grow. The photogrammetry is ready for Rochfort Road (Alan's initial reaction was "phew, it is a big area").

Great work has been done in the equipment, with Richard re-organising the caravan so everything is at your fingertips. Keep it that way. We have a new tunnel tent for wet days, so the mastermaps don't get wet. Also the caravan is about to get sign-written.

The committee has decided to have an initial "launch" of the permanent courses on Te Mata Peak on the 26<sup>th</sup> of July. We'll try and get maximum publicity out of this, as we feel it will be a great promotion for the club and sport. These courses will allow people to go orienteering at any time, and expose them to the sport at their own leisure. It will enable people to practice, or just take friends for a jaunt. Ex club-member Peter Hill did an excellent job setting it up, and Brian Wardle has done very well, with maintenance and organisation of the day.

The NZOF have agreed to allow the Nationals to be held at Labour Weekend next year after no-one offered to hold them at Easter. I'm sure everyone has their views on this contentious issue, and generally they probably all have relevant points. My concern is that, the sport does not need infighting, which achieves very little as seen in soccer, rugby league, basketball, etc, because our competitive base is so small. We will have to put up with the fact, that whoever is KIND enough to hold the event, governs the timing. The recommendation was for it to be held at Easter, but as I see it, if that not possible or inconvenient let in a bit of flexibility. As long as there is a National Championship!!

Talking of championships, good luck to all the SS participants heading over to Taranaki next month. Hastings Girls and Napier Boys are both sending good sized squads and hopefully we can have some success, especially in the teams events.

See you all at the next event,  
GM

# EYE IN THE SKY

BY THE MAGPIE

- following on from the Swiss, Swedish, and French exchange students who have belonged to the club, we now have two Danish, an Aussie, a couple of Canadians and a Frenchwoman In trendy language, a global sport!
- talking of language, there was certainly a different language being spoken at the 3-day over QB weekend. One of those fleet-footed HB femmes were shattered to hear explicit language booming out from yonder while doing her course. Stopping, to check where this furore was emanating, it was noticed that the culprit was wearing the distinctive colours of HB!! On querying on what the fuss was about, it was found that the culprit had lost one of his lenses out of his glasses.
- spare a thought for the person who read his fixtures list wrong and drove from Hastings and hunted around Mangarara looking for a sign for orienteering. Problem was the event was being held at Horseshoe Bend!
- Pamela and Geoff spent a day over Queens Birthday at Mangarara checking control sites. Everything went well other than an incredible wind that threatened to blow them off the face of the earth. Finishing just on dark, it was with concern that they found a huge, fallen tree blocking their path out. But with an orienteering map in hand, took a wide detour using farm tracks, etc to circumnavigate it. Geoff wasn't too concerned about the car, they had borrowed his Mothers for the day!
- a local roofer, who will remain nameless, towed the caravan out to Mangarara, and on arrival found that he hadn't brought the key. No problem, out with the cordless drill, drill a few rivets out (12 in fact), open the door and replace the rivets, all in about 10 minutes. Now our newly painted caravan has a row of nice new silver rivets.
- talking of this roofer, he had a stroke of good fortune, when, after towing the caravan out, happened upon the farmer, who, after a casual conversation, said that, he was in need of a new roof and was looking for someone to do it! Our HBOC man was there within minutes. Now that's what I call service!
- with the downturn in orcharding fortunes at the moment, it seems wife-beating is back in vogue. In full view of spectators at the finish of the Mangarara event, a prominent member was seen to beat his wife. Furthermore, he had a gleeful look on his face when he had accomplished this feat.
- a bearded M40 thought his first control at the Mangarara OY was on Kairakau Beach. He was last seen heading off the map with an M35 clubmate in tow. The same M35 later seen disappearing towards Waipawa with a visiting Wellington competitor (well he was until then).



## NEW MEMBERS

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

- \* Odile and Nicolas Balas
- \* Harker family (Nic, Birgit, Mikaela, Benjamin, Kamilla and Rikke)
- \* Hanne Jepson and Robert Gillman, Solfrid and Thomas
- \* Craig Riley
- \* Paul Steeds

### Controllers Clinic

There will be a Controllers Clinic held in Auckland (near Woodhill forest) on the weekend of 29/30 August. Cost is to be determined but will not be greater than \$20 per person. If you are interested in becoming a controller this is one of the pre requisite required before you can control a major event.

At this stage no other region has requested a Clinic so this may be your only chance in 1998.

Please let me know if you are interested ASAP (this is just a preliminary notice and doesn't put you under any obligation)

Bruce Collins

Convenor of the NZOF Technical Committee

Ph 07 8255745, fax 07 8391255, email [bruce.collins@clear.net.nz](mailto:bruce.collins@clear.net.nz)

## JUNIOR REPORT

The NZSSC are coming up and so a bit of work will be required beforehand. 19 students will be representing their schools from Hawkes Bay, and I'm sure they will have a fun time. It looks like St Johns, Hastings Girls, and Napier Boys will be represented. Good luck to you all.

A mixed junior/senior coaching session was held at Rowe Road, with Ken, Derek, and Brian C, helping to provide the expertise. The exercises included a line course, relocation and a simplification one which had you drawing your own map on a blank piece of paper, and using that. It worked!!

The HB Form 1-7 champs were held at Horseshoe Bend. Unfortunately, there were quite a few defections on the day, but it was still a worthwhile event. It was a noticeable fact that most of the kids running were country kids.

Champions this year were;

	Boys	Girls
Senior	Ross Morrison (Napier BHS)	Naomi Schumacher (HastingsGHS)
Intermediate	Anthony Lloyd (Taradale HS)	Mikaela Harker (Hastings GHS)
Junior	Ramon Steenson (Havelock Nth)	
Form 1-2	Josh Wynands (Puketapu)	Amber Morrison (Havelock Nth I)

Interestingly enough, the first 3 placegetters in the intermediate girls finished in front of the winner of the boys!

6 members attended the Queens Birthday 3-day in Counties Manakau, with varying success. Ross won M16, Kate 2<sup>nd</sup> in W12, Amber 3<sup>rd</sup> in W14, Jenny 6<sup>th</sup> and Jess 9<sup>th</sup> in W16 and David C was struck down with the 'flu and only took part (walked) on 2 days on the M14 course.

Remember, this editions tip, ALWAYS HAVE A PLAN.

GM

# Are You Getting the Most from your MAP?

In the second 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 while you are reading this.

## In this issue: Roads and Tracks

There are nine different types of road or track. Mappers use various words in the legend, but here are the international definitions.

**Motorway:** A road with two highways for the use of motor traffic only. Three parallel black lines, filled in with brown.

**Major Road:** Road wider than 5m. (This includes most urban streets!) Two widely spaced parallel black lines, filled in with brown.

**Minor Road:** Road 3-5m wide. (This would be a narrow two-way road) Two closely spaced parallel black lines, filled in with brown.

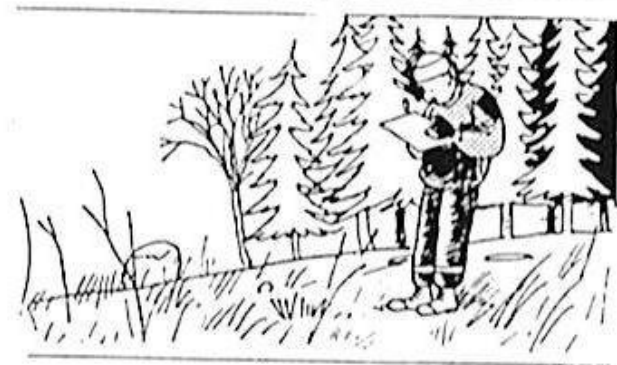
**Road:** A maintained road suitable for motor vehicles in all weathers less than 3m wide. (This is a one-lane road.) A thick black line. Note that this symbol has often been used for wider roads, because the above symbols are hard to draw neatly with pen and ink!

**Vehicle Track:** A track or poorly maintained road suitable for vehicles only when travelling slowly. Width less than about 3m. (The difference here is the maintenance - a road has evidence of being looked after, a track does not.) A thick dashed black line.

**Footpath:** A large path, or old vehicle track, which is distinct on the ground. (Taken together, I think this means wide enough for a vehicle, but the normal person wouldn't take their car on it. Many forest tracks and grassed over farm tracks come into this category.) A dashed black line, thinner and shorter than above.

**Small Path:** A small path or (temporary) forest extraction track which can be followed at competition speed. (Wide enough for a person to run, but less than a vehicle width. I think that forestry extraction techniques must be different in other countries!) A dashed black line, even thinner and shorter than above.

**Less Distinct Small Path:** A less distinct small path or forestry extraction track. (My rule for "less distinct" is that you can easily follow it when you are on it, but you can cross it without noticing.) Same symbol as for small path, except that every third dash is absent.



**Narrow ride:** A ride is a linear break in the forest (usually plantation) which does not have a distinct path along it. (It's like a missing row of trees.) Long dashes, but very thin.

To be realistic, these precise definitions don't matter too much, as you usually know when you are on a road or track. But it's sometimes hard to tell exactly where on the track you are, and you often need this for an attack point or to confirm position when you cross. Here are some hints you can use.

### Stop, Look, and listen!

Well, at least slow down enough so you can look both ways, before plunging into the forest on the other side.

Orienteer your map with your compass, and make sure it's the road you think it is! Many are the tales of orienteers leaving a control on a careless bearing and coming out on the wrong road.

If you can see any positive features up or down the road, you don't need to bother with the next bit. A positive feature is one you can easily identify on your map, with little chance that it could be one of several. Examples: a junction, bridge or roadside pond.

If there aren't any positive features, look each way for bends, and whether the road bends right or left. Bends appear much more prominent looking along the road than they do from above, i.e. on your map. However the bends will be there on the map because roads and tracks were almost certainly visible on the photograph used by the mapmaker.

No bends? Try contours. Check the slope to the right and left. The land could be sloping from left to right, vice versa, or you could be in a low point, or on a high point. With your map orientated, see whether this can positively identify where you are. A high or a low point on a track is a very positive feature and is often worth using as an attack point. It is much easier to "fit" the terrain to the map along a track because you are only using two dimensions, instead of three.

If your track has no positive features, is straight and level, take care. You could be anywhere!

A couple of other hints. Don't expect the end of a track to be a useful attack point. Tracks, especially on farmland, don't usually end suddenly, they fade out gradually. It's a bit like the change in the shade of green, it's there on the map but you can't see it on the ground.

A bridge can often establish where you are on a track. If there is a bridge, the black line will go right across the blue. If there isn't there will be a gap.

And watch out for indistinct junctions. If a turn-off is hard to see, the mapper doesn't join up the lines, or the dashes. If you're planning to turn off or even count junctions, check on your map whether they are distinct (joined up) or indistinct (not joined) before relying on them.

ORIENTEERING  
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at  
Te Mata Park,  
Havelock North

5 permanent courses

Maps available from  
Peak House Restaurant  
\$5 each

For more information on  
orienteering in Hawke's Bay call  
(06)8774 870.

A sample of the leaflets which  
will be distributed to information  
centres to advertise the permanent courses

!Orout COY ODS

**GRAND OPENING  
SUNDAY, JULY 26**

*SPOT PRIZE OF DINNER FOR TWO AT  
PEAK HOUSE RESTAURANT  
TO BE WON!!*



## “Monster Plants Lie In Wait In The Bush”,

by Åsa Johansson (from Skogssport, 9/97).

When I first sighted New Zealand's east coast a few months ago, I wasn't sure whether I would get the chance to practise my greatest passion – running in the forest. As an exchange student and orienteer, it was of course nervous to hover in uncertainty as to whether I would be able to take part in my favourite sport, while my friends at home were tearing through the trees chasing after valuable ranking points.

It was an existence I knew would be unbearable, with fits of shivering on the weekend of the 25-manna relay, for example. Since I felt that I wouldn't be able to survive the withdrawal symptoms during a “non-orienteeing exchange student year”, I wrote a half-desperate “help, I want to go orienteeing” letter to the Hawkes Bay Orienteering Club. They answered my call, and faster than the fittest elite orienteer, I was a celebrity in their club news-letter: “A Swedish D18 elite wants to run for us...”.

Dressed in my fancy new club suit, consisting of shiny black pants, and even a wilder nylon top, with black, white, and day-glo green stripes, short-sleeved of course, and with built-in air conditioning holes – everything possible to reduce wind resistance – we headed off. My goal was Forest Hill, “a mini-mountain”, near Palmerston North.

I soon noticed that orienteeing here was a bit different from what I was used to. It wasn't one of the more serious events. Good, I thought, as I would be able to get used to the terrain without any pressure on me. When it was time to choose a course, I immediately set my sights on the longest, a sufficient 5.5 kilometres. The natives shook their heads. “You should run the medium course”. 3.8 kilometres seemed pitiful for a well-trained D18, but sure, just this once.

I zoomed off towards the start at a brisk warm-up speed – for the first 300 metres at least, but it got a bit strenuous when the climb started to approach 40 per cent, and it could be smart to save a bit of energy for the race.

Full of expectation, and with Casio watch, and “South Pole compass” at the ready, I sailed off like a cloud of pine needles towards the start triangle. Finally. After two months with no orienteeing, I was on my way.

The first control, hurrah, a familiar orange punch with a well-known brand-name made the atmosphere seem familiar, almost like home. I almost expected to see my club-mates from Bohuslän pop up down there in the reentrant.

Orientate the map, down into the mud in the stream, up the other side. Staying on course is definitely a lot more complicated when the ground is covered with fallen trees, thick with undergrowth, and the only thing you can do, if you don't want to start behaving like an ungraceful beginner mountaineer, is to follow the paths worn by some of New Zealand's 50 million sheep. These animals weren't only a help, however, since, as an orienteer, one doesn't always look where one is placing one's feet.... My poor Jalas shoes took on a beautiful chocolate brown colour, and it wasn't just from the mud.....

Up ten contours, down ten, up fifteen (pant), five metre contour interval (is this really fun?). Feel how the muscles have to strain. Feel that the proper punching technique really isn't really coming back to me yet. I'll have to train to get the correct style. Try to have a nonchalant attitude and make it seem like a simple business, all to impress the boys in airy nylon.

My cruise in the primeval New Zealand forest continued. Over metre-high sheep fences, diagonally down ski field-like slopes, mud sucking around my feet, sweat running in whitewater rivers down my body, my face coloured the shade of a red stop sign, to the next flag.

Now I would gracefully flit down the hill, let my worn-out orienteering legs loose in a wild gallop, feel the wind whistle by, and dream of my water-bottle waiting at the finish.

Sure. It was neither graceful nor was their any wind whistling by. In order not to finish up as diced meat there in the bush, I had to pluck forth my very hidden talents as a mountaineer, and in the best Tarzan style, swing my way from tree to tree.

Almost at the finish. I let out a sigh of relief, till I saw the Stream with a capital S. It wasn't rapid, on the contrary, it was half dried up, muddy with fallen trees, scrub, primeval flowers, and monster plants with long tentacles everywhere, and I had to get over it. With fear for my well-being (for I had no way of knowing if the plants were carnivorous) I made my way up, down, and further up.

The finish beckoned, it was no hallucination. Track-suited Kiwis waited with smiles on their faces. I muttered something about "ten year old map, not used to the terrain, have been ill recently" (what other excuses were there?). Deep down, I was glad that I had chosen the "pitiful" medium course.

Despite everything, I came third, and when I'd analysed my route choices, and the New Zealanders assured me that this was one of the worst maps I would run on during my time here, I came to the conclusion that, even though it was exhausting, hilly, cold and strenuous, I hadn't regretted for a minute that I'd run.

With a broad smile I started planning for the next weekend and already looked forward to what the New Zealand forest could offer in the way of primeval vegetation, strange animals, and those magical red and white flags.

Skogssport - is the Swedish national orienteering magazine. Every month they have a feature article from a guest writer. This article was translated by Rick McGregor, who is currently living in Sweden.

# McNeil

With Åsa unable to make the weekend, and Fisher gallivanting around good old America, I was left putting out controls on McNeil. To Åsa's credit, she didn't have a lot of controls to put out, and I enjoyed the day, admiring the views from the top of McNeil. The map is very interesting, and definitely in need of a re-field-check, especially now that there is new forest over the back.

Åsa had five courses set, and it was only during the week that I dug out contour only maps, and decided to give the red courses extra options. Quite a few people took the opportunity to try this on, and I'm sure they really enjoyed the experience.

It was great having a toilet nearby at the start, (one less job), and Stewart Hyslop returned to orienteering, to do sterling work with the newcomers. Dave headed off into the distance with the string course, the weather was great, and the turnout good.

People ran off, and came back, more ran off then came back, Sean watched, then fell to sleep, his Mum ran off and came back.... finally, then people ran off and came back with flags and standards, everything was thrown in the caravan and everyone went home.

It was good to see Mark Hudson make the trip over from PN, though he wasn't tempted with a contour only map. Derek managed to head him off anyway, but it was close. It was a great effort by anyone to do the course with just contours available, but I'm sure it has helped you have a better understanding of how you can use them more often. Often they are as just as good a handrail as a fence or track. So if you didn't have a go here, have a go next time there is a chance.

It was great seeing both new clubmembers, and other newcomers enjoying the opportunity to test their skills, and the feeling I got on their return was that they really enjoyed themselves. Ah yes, must've been Åsa's course-setting. It was a shame she couldn't get down, but time is closing in her, and by the time you read this she will be very much be at home in Sweden, which as easy to get to as Wairoa!!

Thanks Åsa,

Geoff

**HB Orienteering Club**  
**Results - McNeil - May 17, 1998**

Setter: Asa Johansson

Vetter: Geoff Morrison

**Red (5,310m, 330m)**

**Contours only map**

Derek Morrison	53.05
Bruce Perry	61.19
David Fisher	94.57
Alan Berry	105.05
Tom Fargher	105.27
Pamela Morrison	124.19

**Colour map**

Mark Hudson	54.33
Norris Cox	74.38
Doug Matheson	84.11
Brian Wardle	92.16
Terry Russell	97.08
Richard Lynn	117.07

**Red short (2,640m, 126m)**

**Contour only map**

Brian Crawford	50.41
Beryl & Scotty Smith	63.09
Dave Smith	69.52

**Colour map**

Sharon Mardon	61.55
Mac & Ngaire Fisher	92.55

**Orange (3,405m, 126m)**

Jenny Russell	56.53
Rob Poulgrain	58.53
Hanne Jepsen Group	66.53
Lyn & Lyn Gentry	67.01
Craig Riley	71.53
Paul Steeds	77.37
Jim Taylor	ml DNF
Jessica Fargher	DNF

**Yellow (2,400m, 48m)**

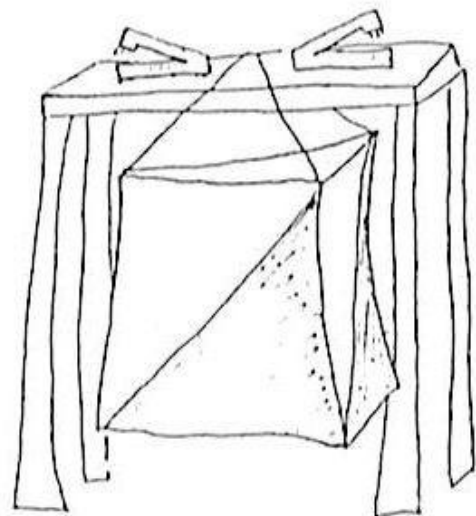
Amber Watson	30.43
Rob, Scott & Chris McDonald	46.34
Cara & Faye McDonald	53.26
Joy McMahan	57.55
Odile & Nicolas Balas	63.45
Jill & Iain Angus	79.49
Jenny Russell (2 <sup>nd</sup> course)	24.50

**White (1.8km, 65m)**

Odile Balas	39.54
Duncan Morrison	43.18
Nicolas Balas	46.34
Kate Morrison	46.58
Anneka Perry	not timed

**String**

Solfrid Gillman	3.53
Cara McDonald	5.48
Scott McDonald	6.58
Duncan Morrison	7.09
Christopher McDonald	11.59
Lotti Perry	16.26



## HOW DIFFICULT IS “EASY”?

One of my pet hates in orienteering are the course classifications put forward by some event organisers. Often on event days or advertised in club magazines, we find course descriptions with various stages in difficulty, e.g. easy, not as easy, etc., etc. Lets forever kick these dinosaur phrases into touch and treat every participant with respect. The colour system grades levels of technical difficulty not levels of simplicity.

I'm sure it is discouraging for people who find difficulty in running courses that are called “easy”. Take sports like the martial arts, where a coloured belt system is used - the white belt is not considered “easy” and so on. Of course I would feel inept if going along to a Judo class for the first time and I noted that white was easy, then proceeded to be back slammed by a 9 year old girl. No wonder people go away, embarrassed, and never come back.

If one is to ask a newcomer or a 7 or 8 year old how easy a white course is, the reaction would be that it is much harder than they think. The reaction is the same as they progress through the grades, moving from colour to colour. If yellow courses are set properly (not glorified white courses that some people see them as), most people find them a challenge who are new to that level. Why not describe red long as easy?. Some are! I'm sure the Club Champ would find his course just as easy or difficult as his 8 year old daughter hers.

Perhaps we could advertise courses like so;

WHITE Difficult for children 7-14 and suitable for newcomers.

YELLOW Suitable for those who found white easy.

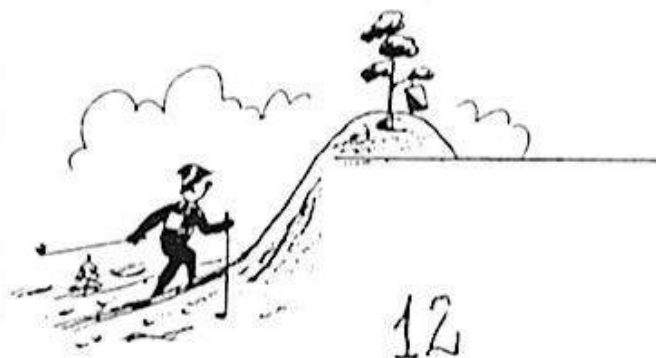
ORANGE Difficult after yellow

RED Technically the most difficult courses. Contours must be understood.

(long) For the fit or stupid.

By describing them as thus, it allows people to move up the colours at their own comfortable pace without feeling the stress of ineptitude. So lets classify our courses accurately, and lets not underestimate the testing nature of the sport.

GM



## Queen's Birthday Weekend 3-Day Event

Hosted by the Counties Manukau 'O' Club

Some people headed to Auckland at Queen's Birthday for the Super 12 Final (didn't they Maurice) and others went to the Grand National Meeting at Ellerslie, but the keen and fit targeted the Awhitu Peninsular.

(This is west of Waiuku, which is west of Pukekohe, to save you diving for your Atlas.)

Hawkes Bay was modestly represented at this 3- Day Event, run on rolling sand dune type country, with some native bush and some very intricate (tricky) bits.

"Modestly" by numbers, that is, but not by performance!

We fronted up without many of the regular travellers such as the 'winning Watsons', the 'Presidential Morrisons' and the 'legal Lloyds'. However, the Hawkes Bay flag was kept flying by the alliterative 'up-and-comers' Tom, Tim, and Terry along with Jenny and Jessica. This group is improving all the time and will be challenging the best in their respective grades soon. Mark my words, Loosehead Len tips them first!

Day one was on a Map called Pollok. Spur, gully terrain with native bush in parts with route choice important. And Amber found a very deep swamp. In fact, the girls didn't fare too well at all on Saturday.

Sunday and Monday were both on the Kariotahi Map. Mostly clean running with some tricky areas. For the longer courses there were some long legs to test route choice. Monday's course 3 faced a leg of almost 2 km from the triangle - that got the brain working quickly!

Adjacent to the start/finish on Sunday was a restaurant, which offered warmth inside and out, relief from the bleak, windy conditions we suffered all weekend. Apart from Terry Russell, who spent considerable time lining up his first control, all HB runners matched or improved their first day placings.

Alas, most of us slipped back again on Day 3. Jessica may have learnt that sleep is useful. David Costigan showed grit in walking his course, after being very sick on the 2 previous days - a pity because he was looking to finish in the money in M14. And prizegiving was worth waiting for. The younger placegetters were given woolly hats and the older winners a bottle of wine.

Of the 14 HB starters, 11 competed on all 3 days, 4 winning their grade, with a second, a third and a fourth. Max Kerrison (M40AS), Ross Morrison(M16), Derek Morrison(M45) and Tim Jowett(M21-39B) each won their grade all 3 days. Kate Morrison(W12) was 2nd overall (2,3,3), Amber Morrison(W14) was 3rd (4,1,3) and Tom Fargher(M40AS) was fourth (5,3,5). Jenny Russell finished 6th in W16 (7,5,6) and is showing promise. Other competitors were Terry Russell (M21AS) (8,11,-) Sharon Mardon (W50) (12,9,12) Ken Holst (M50) (10,7,7) Jessica Fargher (9,6,9) Val Morrison (W40-49B) (5,-,4) and David Costigan (3,-,5).

## Horseshoe Bend - 14 June 1998

This event was planned primarily for the Hawkes Bay Secondary School Champs. Two additional red courses were added for interest for club members. The area is very suitable for this type of event with maps with / or without fences and major features for attack and catching features.

The landowners are very obliging and there are a vast array of different animals to make for a fascinating area. Two wild cockatoos accompanied me around parts of the map during the planning and control putting out phases.

Pam and Geoff copied out the courses for the school students and ran a very smart ship when it came to starting, finishing and producing certificates for the students. David Fisher provided manpower for control putting out as well as helping out on the day. Linda Lloyd showed all the old caravan skills that help us to run an event like this. A special thanks to Amber for the string course.

Maurice Lloyd



## HB Orienteering Club

### Results - Club event - Horseshoe Bend - June 7, 1998

Setter: Maurice Lloyd

Vetter/Helpers: David Fisher & Linda Lloyd

#### Red long (5.9km, 150m)

Peter Watson	41.45
Geoff Morrison	44.30
Bruce Perry	47.18
Derek Morrison (memory)	53.20
Ken Holst	53.45
Tom Fargher	55.50
Craig Tuohy	57.35
Brian Wardle	64.29
David Fisher	65.48
Doug Matheson	67.50
Terry Russell	68.36
Kyle Brennan & Damien McGahan	69.40

#### Red short (3.8km, 110m)

Alan Berry	42.55
Norris Cox	44.25
Pamela Morrison	46.31
Caroline Watson	48.08
Robert Gillman	54.50
Craig Riley	56.09
Tim Jowett	58.36
Brian Crawford	61.30
Heather Dobson	61.40
Kath Berry	65.15
Sharon Mardon	67.10
Philip Mardon	83.39
Paul Steeds	85.24
Max McEwan	110.50
Mac & Ngaire Fisher	120.18

#### Orange (3.1km, 110m)

Ross Morrison	21.36
James Wood	26.36
Naomi Schumacher	32.17
Rachel Kerrison	32.26
Rob McDonald	33.45
Jim Taylor	38.30
Gillman Family	47.47
Tony Wynands	47.59
Charissa Amner	52.39
David Smith	55.09
Madelein & Erica	56.35
Diane Lucas	59.30
Linda & Dave	64.00
Iain & Jill Angus	87.35
Val Morrison	94.35
Ann Sapsford	95.00
Odile Balas	102.10
Logan Team	120.45

#### Yellow (2.5km, 90m)

Mikaela Harker	20.41
Jenny Russell	22.56
Jessica Fargher	24.34
Anthony Lloyd	24.42
Ramon Steenson	25.14
Matthew Wood	32.14
Simon Smith	38.53
McDonald Family	44.42
Balas Family	53.16

#### White (2.2km, 80m)

Ramon Steenson	14.22
Jason Russell	17.10
Emma Watson	18.29
Joshua Wynands	18.42
Amber Morrison	19.05
James Watson	21.16
Rhian Hill	24.48
Duncan Morrison	26.23
Sophie Fargher	29.30
Tania Walters	30.25
Caitlin Smith	33.11
Kate Morrison	39.56
Brendon Lloyd	43.48
Cara McDonald	45.15
Desiree & Karl Smith	49.35
Brett Dever	52.54
Addison Mills	m1 36.50
Rob & Scott McDonald	m1 44.28

#### String

Solfrid Gillman	3.33
Duncan Morrison	4.38
Cara McDonald	5.00
Kate Morrison	5.25
Scott McDonald	6.06
Amber & Sean Morrison	7.48
Christopher McDonald	8.50



## Winter Classic

A really good event with winning times around 2 hours! Held in the Wairarapa every year, many epic tales have emanated from this event. This year it is at Jollies Bush, a farmland map with the odd patch of trees and rock. This is to be held on 19<sup>th</sup> July and a few club-members will be going down so you won't be alone. Alan Berry is going and is looking to coordinate some transport. Give him a call if you're interested.

The event is like a solo relay, doing all the loops yourself. Even though it is a mass start, loop combinations vary, so competitors don't all go off in the same direction. Conditions have been a real mixture over the years with anything from a hoar-frost to mud up to your eyeballs, but it is all good fun.

The entry form (not Ken Holst) is centrefold, so have a look and if you're unsure of course selection, ability, whatever, don't be afraid to ask someone who has been there, done that and survived.

Incidentally, last time I went down, I was with Alan and Pamela and we had decided to travel the night before. Cruising on the other side of Ekatahuna we came across an horrific road accident. After a couple of hours of blood, guts, drunks, fire-engines, Police, ambulances and helicopters, we finally were able to "relax" for the evening. All part of the buildup. The moral of the story is, if you go with Alan, make sure he has got his cellphone!!

This event (not the accident) is highly recommended.

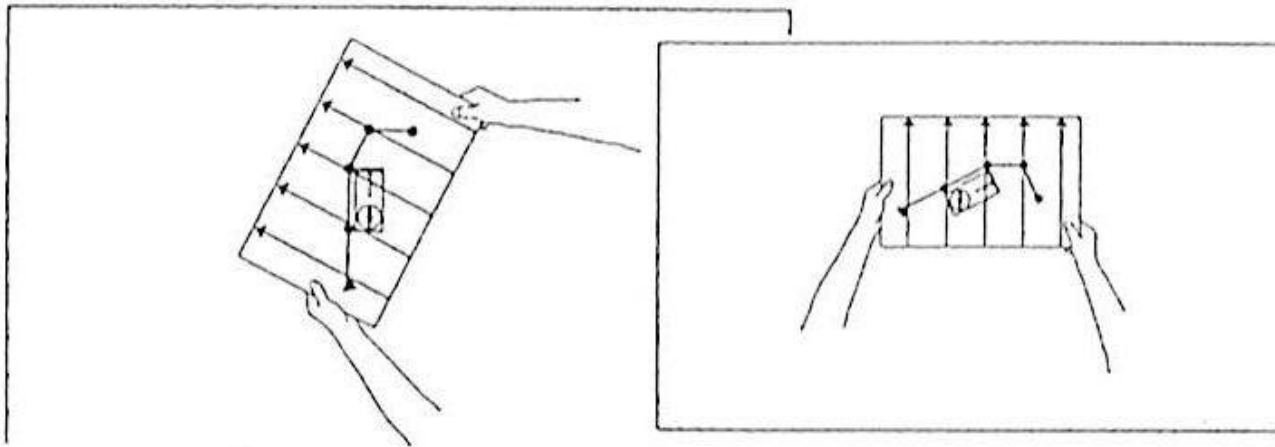
GM



## Orientating the Map

Lines running north in orienteering maps are magnetic. When these lines run parallel to the magnetic needle in the compass housing, your map is oriented.

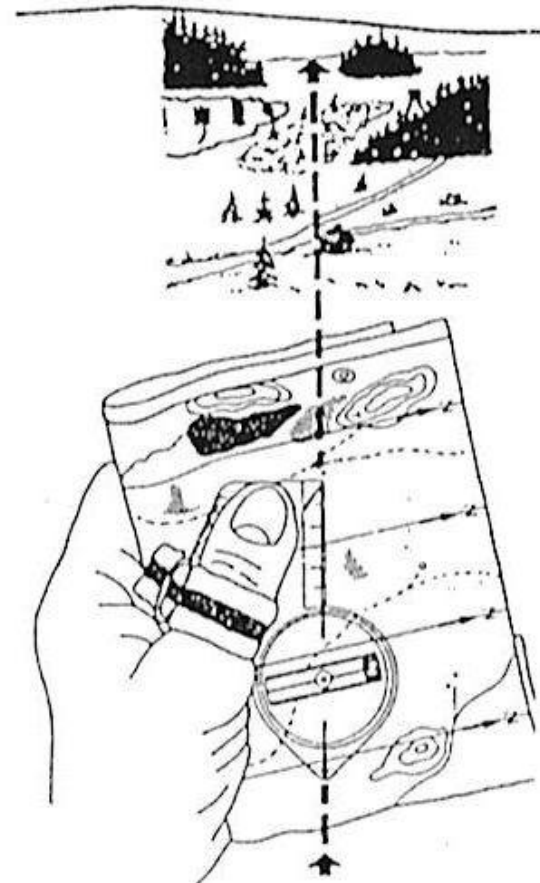
1. Place the compass on the map with the long edge of the base plate parallel to the feature you want to follow. The direction-of-travel arrow on the base plate should point in the direction you want to go.



2. Turn yourself with map and compass together until the magnetic needle is parallel with the north-south lines on the map. There's no need to turn the compass housing dial, just look at the needle. The map is now set and you are facing the direction you wish to travel.

3. If you're using a thumb compass to set the map, fold the map square and small enough to "thumb" your position.
4. Hold the map so that you're looking straight along the route you want to take.
5. Place your thumb and the corner of the leading edge at your position. Use your other hand to hold the map steady.
6. With map and compass fixed in front of you, turn yourself until the magnetic needle lies parallel to the north-south lines on the map.

7. Go straight ahead!  
Read the map and move the compass forward as you progress.



## MANGARARA

June 21, the shortest day and another perfect winters day, blue cloudless sky, not a breath of wind and a slight chill in the air would greet those who ventured to Central Hawkes Bay. For those from further south it was the opportunity to revisit a map of 1991 Nationals memories. With the summer drought barely broken, the farmland was hard and fast, the Mangarara stream hardly threatening with the only sign of water being a few stagnant puddles, so fast times were expected on the day.

This proved to be the case, with a couple of very creditable performances from HB club members on the day. In one of the largest fields, Brian Wardle headed off seasoned competitor Colin Tait, to take the honours on the 3.4km red short course. This would have to be Brian's best performance of the season and he is perhaps showing the benefit of some personal technical coaching by a prospective client. It is certainly reward though for perseverance and a gradual improvement by Brian through the grades. Another notable result on the red short was by new member Craig Riley, who was  $4\frac{1}{2}$  minutes behind Brian. Craig suitably impressed an itinerant mushrooer with his running prowess, so with some honing of his orienteering skills he will certainly be a threat on the longer courses in the seasons to come.

The other well patronised course, red medium, was well won by Ross Morrison, who flew up from Christchurch on Sunday morning after competing in the NZ Secondary Schools cross country championships on Saturday. He has thrown down the gauntlet to Bruce Perry in the OY series with Tangoio Forest, in early November looking like the series decider. With an early start, Bruce posted a time just under 59 minutes for the 5.8km course. Times came in, all short of this mark, but he wouldn't have relaxed until Ross flew over the hill, down to the finish,  $3\frac{1}{2}$  minutes clear. The other performance which deserves a mention is that of Craig Tuohy, who must have avoided some of the traps his fellow HB club mates fell into.

In the red long course, predictions were that Derek Morrison and Peter Watson were never going to be challenged by anyone from outside. After a few years of running on the map and setting courses there, nothing was going to be a surprise. Familiarity, was what I had hoped to overcome with some route choice problems. However, the 6 minute pre-start, was going to take some of the edge off these problems as competitors considered their choices before the start. Of the earlier starters, Mark Hudson's time of 62.20 for the 7.6kms was the challenge set for the locals. Steve Holden blew any

chances of a serious threat when he was spotted heading up the wrong spur (with Richard Lynn, on the same leg, in tow) after crossing the Mangarara stream.

With Derek and Peter starting late and the leading time firmly fixed in their minds the scene was set. Peter, sporting a bandage on his knee, not to bluff the opposition, but as a result of a Nationals knee injury turned in a disappointing performance after his earlier season highs. He admitted to "orienteering like he used to" which coupled with poor concentration on familiar terrain became his undoing. Derek, who at the start doubted he would have the speed to match others on the terrain, proved once again that it takes more than speed to win. He crossed the line with 11 seconds to spare, displaying once again the characteristics which have become his hallmark - a desire to win and the commitment to do it.

In the lower grades, a couple of young local prospects certainly put their hands up. On the yellow course, Jason Russell had just over a minute to spare from Grant Bicknell (Napier Boys'). Both boys are competing in the junior boys championship at the Secondary Schools Nationals in a months time.

The white course was blitzed by one of our young club members, Hugo Beamish, from Crownthorpe. With a winning time of 7 minutes/km he is certainly displaying some running speed and he doesn't appear to have been troubled so far with his white course navigation. It will be interesting to see him progress to yellow courses in the future.

All in all, this was another successful WOA event hosted by our club. Thanks to the club members who assisted with caravan towing, manning the caravan, at the start, at the finish and collecting controls. A special thanks to Gran & Grandie Morrison and Derek, Val & Co for babysitting duties. And thanks, of course, to whoever organised the sunshine - nice weather makes all the difference, especially in the middle of winter.



## Hawkes Bay Orienteering Club

### Results - WOA OY & HB OY4 - Mangarara - 21 June 1998

Setter: Pamela Morrison

Vetter: Geoff Morrison

HB=Hawkes Bay, RK=Red Kiwis(Palmerston North), Wgtn=Wellington, HV=Hutt Valley,  
KH=Kapiti Havoc, Wair=Wairarapa, Ham=Hamilton

	Club	Grade	Time
<b>Red Long (Distance 7,650m, Climb 275m)</b>			
1. Derek Morrison	HB	M21A	62.09
2. Mark Hudson	RK	M21A	62.20
3. Steve Holden	Wgtn	M21A	68.07
4. Peter Watson	HB	M21A	71.45
5. Michael Wood	HV	M21A	72.38
6. Alan Horn	Wgtn	M21A	75.30
7. Matthew Backler	KH	M21A	75.55
8. Maurice Lloyd	HB	M21A	76.08
9. Lawrie Stewart	Wgtn	M21A	100.15

#### Red Medium (5,820m 230m)

1. Ross Morrison	HB	M18A	55.29
2. Bruce Perry	HB	M40A	58.57
3. Hub Carter	KH	M40A	61.07
4. Bill Anderson	RK	M40A	61.36
5. Ken Holst	HB	M40A	62.22
6. Russell Higham	RK	M40A	64.31
7. Liz Nicholson	Wair	W21A	71.54
8. Caroline Watson	HB	W21A	76.22
9. Craig Tuohy	HB	UNOF	76.38
10. Tony Paterson	RK	M40A	81.35
11. Alan Berry	HB	M40A	84.21
12. Tom Fargher	HB	M40A	84.49
13. Felicity Anderson	Wair	W21A	89.27
14. Terry Russell	HB	UNOF	89.37
15. Kevin Pearce	RK	M40A	92.27
16. Richard Lynn	HB	UNOF	96.19
17. Doug Matheson	HB	M40A	97.50
18. David Fisher	HB	M40A	98.38
19. James Anderson		UNOF	106.50
Jim Barr	Wair	M40A	DSQ
Bruce Henderson	HV	M40A	DSQ

#### Red Medium-Short (4,150m, 150m)

1. Malcolm Barr	Ham	M21AS	37.20
2. Ray Nicholson	Wair	M21AS	44.35
3. Ian Basire	KH	M50A	48.17
4. Bryn Davies	RK	M21AS	48.50
5. Simon Rea	Wgtn	M21AS	62.46
6. Ngaire Davies	RK	W40A	64.53

7. Fiona & Ted Sapsford	HB	UNOF	129.22
Alan Horn	Wgtn	2 <sup>nd</sup> Course	41.06

#### Red Short (3,435m, 100m)

1. Brian Wardle	HB	UNOF	38.21
2. Colin Tait	Wair	M60A	39.28
3. Margaret McLauchlan	Wair	W21AS	41.23
4. Craig Riley	HB	UNOF	42.52
5. Brian Crawford	HB	M60A	49.00
6. Barbara Anderson	Wair	W50A	49.22
7. Raewyn Persson	RK	W21AS	52.09
8. Philip Mardon	HB	UNOF	55.01
9. Denise Vruink	RK	W21AS	55.54
10. George Davies	RK	M60A	56.05
11. Sharon Mardon	HB	W50A	58.06
12. Linda Lloyd	HB	W21AS	61.43
13. Robyn Davidson	RK	W50A	64.31
14. Kath Berry	HB	W50A	67.43
15. Alison Basire	KH	W50A	77.38
16. Patrick Teahan	Wair	UNOF	77.42
17. Gary Holden	Wgtn	UNOF	84.41
18. Anne Sapsford	HB	W50A	89.56
19. Paul Steeds	HB	M60A	96.34
20. Mac & Ngaire Fisher	HB	UNOF	113.56
Patricia Larsen	RK	W50A	DNF

#### Orange Medium (4,365m, 150m)

1. Matthew Moorby	RK	M21B	44.23
2. Paul Anderson	RK	M16A	48.50
3. Neil Anderson	RK	M16A	51.52
4. Tim Jowett	HB	M21B	59.50
5. Jim Alpe	Wair	M21B	67.59
6. Jim Taylor	HB	M21B	69.11
7. Anthony Lloyd	HB	M16A	75.24
8. Paul Roche	Wair	M21B	98.56
9. David Cronin	RK	M16A	102.55
Hugo Beamish	HB	2 <sup>nd</sup> Course	77.08
Rob McDonald	HB	M21B	DSQ
Simon Smith	HB	M16A	DSQ

#### Orange Short (3,435m, 100m)

1. Amy Holden	Wgtn	W16A	43.05
2. Rachel Alpe	Wair	W21B	48.44
3. Jenny Russell	HB	W16A	62.47
4. Diane Lucas	HB	W21B	64.30
5. Don Gordon		UNOF	88.33
6. Glenys Evans	Wgtn	W21B	119.52
7. Val Morrison	HB	W21B	120.44

**Yellow (2,925m, 60m)**

1. Jason Russell	HB	M14A	33.42
2. Grant Bicknell		M14A	34.55
3. Amber Morrison	HB	W14A	38.55
4. James Watson	HB	M14A	40.11
5. McGlashan Family		UNOF	41.33
6. McDonald Family	HB	UNOF	52.18
7. Logan Team		UNOF	82.49
Glenys Evans	Wgtn	2 <sup>nd</sup> Course	43.24

**White (2,100m, 80m)**

\* = accompanied

1. Hugo Beamish	HB	M12A	15.10
2. Emma Watson	HB	W12A	18.37
3. Joshua Nicholson	Wair	M12A	*22.48
4. Anneka Perry	HB	W12A	*22.59
5. Sebastian Nicholson	Wair	M12A	*25.27
6. Bubby Niwa		UNOF	29.00
7. Kate Morrison	HB	W12A	31.30
8. Callum Persson	RK	M12A	*38.32
9. Ara Persson	RK	M12A	*38.41
10. Anna Parker		W12A	*40.34
11. Helen Watson	HB	W12A	49.58
12. Duncan Morrison	HB	M12A	53.35
13. Hamish Logan		M12A	65.36
Brendon Lloyd	HB	M12A	DSQ

**String**

1. Ross Morrison & Grant Bicknell			3.14
2. Tim McGlashan			5.15
3. Cara McDonald			6.53
4. Oliver Watson			8.45
5. Sarah Douglas			9.51
6. Christopher McDonald			13.23
7. Lotti Perry			17.25

# Route Selection

In orienteering the greatest danger lies in getting lost, or getting tired too quickly. All your skills and strategies will be devoted to making accurate assessments of your position and route direction, and following those routes quickly and efficiently to your goal.

The first step is choosing your route. In orienteering, navigation decisions are influenced by a great many variables: map, terrain, vegetation, weather, course difficulty, and your level of fatigue. In all cases, however, two simple rules apply.

- 1 Select an attack point
- 2 Choose a safe route.

## Select an attack point.

This is a distinct, easily found feature, usually within 200 metres of the control. Beginners on the novice course don't need an attack point because controls are sited on obvious features and the routes between controls follow well marked trails or fields.

Intermediate competitors also use trail junctions, trail bends or field corners as attack points. More frequently, however, they look for terrain features such as hills, re-entrants and marshes, because their courses cut through the terrain more directly and use fewer trails.

Advanced orienteers' skill levels allow them to take a more direct route, using a variety of smaller, though still distinct, features that an intermediate competitor might not find easily.

## Choose a safe route.

The adage is particularly relevant for orienteers, beginner and intermediate participants especially. The degree of safety is directly related to your skill level. A route that is safe for one orienteer may unrealistic and extremely unsafe for another.

Beginner safety - Stay on well travelled fields and trails. Go out of your way to be safe.

Intermediate - Use direct handrails and catching features to orienteer.

Advanced - Use handrails if available, but more often, you'll use catching features.

## GOOD ATTACK POINTS

A good attack point is a feature you can find easily and from which you can find the control easily. As described above, the features themselves are different for different skill levels. Good attack points share some common characteristics however.



- There may be several good attack points near a control. Choose the one that offers the safest route.
- The attack point should be as close as possible to the control. If further than 200 to 300 metres, it becomes increasingly difficult to find the control from it.
- Use distinct features. Trail ends are not distinct, for example. Neither are small details such as boulders, knolls, and pits.
- Select attack points that permit the best view of the terrain to the control. If the control is on a slope, if possible, select an attack point above the control.
- Attack points can be distinct features beyond the control. Or they can be linear features beyond the control.
- Use handrails and catching features as much as possible. They make orienteering a lot easier. Remember to use simplification.
- Attack points can be small, easily found features preceded by distinct catching features or handrails.

## Learning and practising route selection

### *Home practice*

*Study courses* you have completed at events, courses you have planned on maps, and courses from friends. Pay attention to the proper procedure for route selection - attack point and then safe route.

*Timed study.* Using the same or other courses, time your study of each leg, cover with your hand or sheet of paper and visualise the attack point and safe route. Start with 30 seconds of study and progress to 5 seconds.

*Consult better orienteers.* This is an excellent way of increasing your knowledge of all aspects of the sport, route selection included.

### *Terrain practice*

Orienteer a pre - determined course, one to three kilometres long consisting of three to five legs. Run the same legs two to three times, each time along different routes. Time each route for each leg and note your errors, strengths and weaknesses executing each route.

Intermediate and advanced level orienteers use the following techniques and tactics to minimise errors and conserve strength on their routes between controls.

#### 1. AIMING OFF

This technique is used to simplify your orienteering and give you a surer route to the control. Aiming off refers to the selection of a route to one side of the direct route to the control. If you took the direct route and missed the control, you wouldn't know in which direction to turn to find it. By aiming purposely to one side, you are sure of your direction once you've reached the catching feature.

*Along the route:* Select a large handrail or catching feature to one side of the direct route. Both map reading and orienteering are simplified.

*Extend the control:* Aiming off to a distinct linear feature that can lead you into the control extends the area of the control, making it larger and easier to find. You can orienteer more quickly.

*Behind the control:* Select a large catching feature behind the control.

## Practice

To practice aiming off, use a training course with the following design. Legs are moderate in length (400 to 500 metres); controls are distinct features; the terrain has many handrails and catching features that funnel the orienteer toward the controls.

Aim off to the side that represents the least travel. This is a function of extending the control or route by aiming off to the feature that will lead you to the control. You don't want to aim off to the wrong side and come back to the control.

If you find yourself performing this skill poorly, you may be exaggerating your aim. You don't want to make more work for yourself by going too far astray from your desired route; aiming 50 to 100 metres to one side should give you plenty of room for good orienteering.

Another reason for poor performance may be that you are too loose with your aim. Aiming off is a precision technique. Tighten up your aim and you'll save yourself unnecessary kilometres.

## 2. ATTACK FROM ABOVE

When controls are located on slopes or the sides of hills, the best approach is usually from above. This gives you the widest field of vision, something you always want to achieve when orienteering. You'll see the control feature and the features around it better. You can also usually pick out the route you'll travel to the next control. Catching sight of another orienteer at or near the control is an added bonus.

When you come down into a control you are also fresher than if you had just climbed up into it. Your execution of the precision work to locate the control will be better and your head clearer for selecting the next route.

Attacking from above is not limited to steep slopes or hillsides, however. It's also used in rolling terrain with moderately sized hills. The fatigue factor is insignificant compared to the increased field of vision you gain. Whenever possible, put yourself in the best position to see as much as you can.

## Practice

To practice attacking from above, a course along slopes and hillsides is ideal. The legs should be moderate in length (400 metres), and attack points should be obvious.

### 3. CLIMB IN THE BEGINNING

If the control is on the side of a slope or at the top of a hill, you may have the choice between two routes. You can either orienteer along the flat and then climb up into the control, or you can climb up the slope or hill in the beginning of the leg and then attack the control from above.

Generally, the best strategy is the latter; climb in the beginning rather than at the end.

Climbing in the beginning means you will attack the control from above, with all the inherent advantages that offers. If the control is on a hilltop, you will still reap the advantage of not being fatigued as you near the control, since you've had time to recover from your earlier effort. In addition, you avoid the slow uphill attack to the control.

Whether you use this technique depends a great deal on your skill and fitness levels. Intermediate level orienteers should select this route at every opportunity. As your skills and fitness improve and you become an advanced orienteer, however, climbing in the beginning may not be the fastest route. You may have other options because you are very fit and have the skills to take the control from below.

Another factor affecting your decision is how far along you are in the event. If the choice occurs in the beginning when you are fresh, you may elect to climb at the end. If the choice occurs near the end of the course when you are tired and want to orienteer more safely, the climb in the beginning is probably more appropriate.

#### Practice

Practice this strategy on a course with this route selection. Hilly terrain is best. To appreciate this selection, I recommend you run the course twice. The first time take the controls from below; the second time climb in the beginning. Remember to use good attack points.

### 4. CONTOURING

Contouring is a way of saving yourself a steep climb and descent when a significant land forms obstructs your path to the control - either a very large hill or a deep valley. To run over and down, or down and up, would consume enormous amounts of time and energy. A better route choice may be to run around the feature - "contouring" it. The term comes from contour lines on a map, and means staying on the same elevation.

The lower your level of fitness, the greater the importance of running around difficult land forms. Advanced orienteers may be able to sustain the climb without losing any time, but even they should look for this alternative.

A general rule is that for every 10 metres climbed, you can run 100 metres on a flat contour line in the same time. Therefore, a climb must be formidable indeed before you choose to run around it. The tendency among advanced orienteers especially is to run over whatever is in the way between controls, unless the land forms is a truly great obstacle.

### Practice

To practice contouring, you don't have to run a course in the mountains. Once this route selection has been made, its execution is straightforward. Take a map of your training area, select a contour that runs through the map, and trace it with a red pen. Go to the terrain and follow the contour. Contouring takes good map reading skills and the ability to maintain good direction. Concentrate on staying at the same height. There is a natural tendency to run up or "fall down" a slope.

## 5. PLAN AHEAD

One final word on route selection: Always plan ahead. Plan where you want to go, what you should see in the terrain on the way, and strategies you will use to find the control. This is especially critical when first selecting a route.

Moving before you have a good idea of where you're going is sure to cause errors sooner or later. This is a difficult skill to master because of the constant pressure not to lose time. Not having a proper plan, however, will invariably cost you more time than it takes to make one.

### Practice

Practice planning ahead and route selection together. To know whether you are planning properly, check the execution of your plan. Do you have difficulty finding your way? Do you have to stop all the time because you are unsure of your location? Are you surprised by significant features in the terrain? If the answer to these questions is 'yes', you probably aren't planning before you move.

Don't plan to perfection. Do make a sensible plan, thorough enough to afford you control over your orienteering. Deciding on a simple, sensible plan to the next control takes 30 seconds to one minute (maximum). As you improve, you'll be able to plan in a few seconds.

Once you've planned your route and strategy, try to follow it. If the plan seems inappropriate after you've orienteered part of it, stop and make a new one before continuing. Don't keep jumping from one plan to another though. Follow through as much as possible. Modify or abandon the plan only if you feel there is a much better way.



## 1998 OY SERIES

	OY 1	OY 2	OY 3	OY 4	OY 5	OY 6	Total	Best 3#
<b>Red long - men</b>								
Peter Watson OY1*	25.00	25.00	25.00	21.66			96.66	75.00
Derek Morrison OY2*	25.00	25.00	24.17	25.00			99.17	75.00
Geoff Morrison OY4*	23.71	20.55	22.04	23.71			90.01	69.46
Maurice Lloyd	19.30	10.00	23.66	20.41			73.37	63.37
Max Kerrison			16.99				16.99	16.99
Norris Cox			13.96				13.96	13.96
Craig Tuohy	12.10						12.10	12.10
James Wood			10.41				10.41	10.41
Gordon Rogers	10.00						10.00	10.00
<b>Red medium - women</b>								
Pamela Morrison OY3*,4*	25.00	25.00	25.00	25.00			100.00	75.00
Caroline Watson				25.00			25.00	25.00
<b>Red medium - men</b>								
Ross Morrison	25.00		23.76	25.00			73.76	73.76
Ken Holst	17.46	25.00	22.65	22.24			87.35	69.89
Bruce Perry		21.03	25.00	23.53			69.56	69.56
Tom Fargher OY1*	18.90	18.90		16.35			54.15	54.15
Alan Berry OY3*		16.24	16.44	16.44			49.12	49.12
David Fisher	14.62	16.73		14.06			45.41	45.41
Richard Lynn	12.19	11.75	15.45	14.40			53.79	42.04
Terry Russell	10.00		15.93	15.48			41.41	41.41
Eric Dunbar	15.46	16.52					31.98	31.98
Craig Tuohy		13.77		18.10			31.87	31.87
Doug Matheson	15.20			14.18			29.38	29.38
Max Kerrison		23.29					23.29	23.29
Ross Berry		14.63					14.63	14.63
Brian Wardle		10.00					10.00	10.00
<b>Red short - women</b>								
Caroline Watson	25.00	25.00	25.00				75.00	75.00
Sharon Mardon	22.16	18.64	14.93	25.00			80.73	65.80
Kath Berry OY3*		21.26	21.45	21.45			64.16	64.16
Linda Lloyd	10.00	24.32	15.16	23.53			73.01	63.01
Naomi Schumacher	14.85		17.61				32.46	32.46
Anne Sapsford			10.00	16.15			26.15	26.15
<b>Red short - men</b>								
Brian Crawford	25.00	25.00	18.42	19.57			87.99	69.57
Brian Wardle			25.00	25.00			50.00	50.00
David Smith	10.00	21.90	17.65				49.55	49.55
Craig Riley				22.37			22.37	22.37
Philip Mardon			17.32				17.32	17.32
Paul Steeds				10.00			10.00	10.00

<b>Orange - women</b>						
Jenny Russell	10.00	17.23	25.00	25.00	77.23	67.23
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
<b>Orange - men</b>						
Tim Jowett		17.34	25.00	25.00	67.34	67.34
Jim Taylor			19.06	21.62	40.68	40.68
Rob McDonald			20.72	10.00	30.72	30.72
Mathew Wood		25.00			25.00	25.00
James Wood		23.91			23.91	23.91
Anthony Lloyd				19.84	19.84	19.84
Rob Poulgrain			13.03		13.03	13.03
Max McEwan			11.04		11.04	11.04
David Unwin			10.80		10.80	10.80
<b>Yellow - women</b>						
Amber Morrison	25.00	\$	25.00	25.00	75.00	75.00
Gemma Schumacher	17.54				17.54	17.54
Emma Watson		\$			0.00	0.00
<b>Yellow - men</b>						
James Watson	25.00	\$	18.42	20.97	64.39	64.39
Jason Russell				25.00	25.00	25.00
David Costigan		\$	25.00		25.00	25.00
<b>White - women</b>						
Kate Morrison	16.69	23.72	25.00	14.78	80.19	65.41
Helen Watson	22.32	25.00	10.00	10.00	67.32	57.32
Emma Watson	25.00			25.00	50.00	50.00
Sophie Fargher		25.00^			0.00	0.00
Anneka Perry		10.00^		20.25^	0.00	0.00
<b>White - men</b>						
Hugo Beamish		25.00	25.00	25.00	75.00	75.00
Brendan Lloyd	25.00	21.89	13.54	10.00	70.43	60.43
Alister Poulgrain			12.52		12.52	12.52
Duncan Morrison	10.00^	18.87^	11.28^	10.00	10.00	10.00
Rhian Hill		25.00^	24.58^		0.00	0.00
Brett Dever			16.88^		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 three events

\$ yellow course at Maraetotara invalidated because of missing control

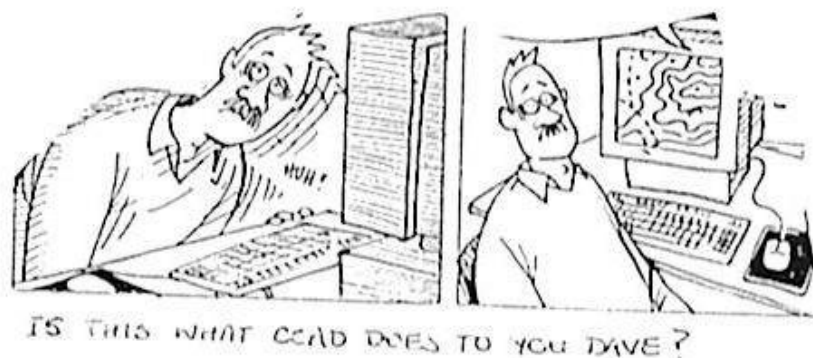
^ accompanied - points do not count in total

## OUR CLUB IN CYBERSPACE

BERRY, Alan & Kath	<i>alan.berry@xtra.co.nz</i>
BERRY, Ross & Robyn	<i>rmb@clear.net.nz</i>
FISHER, David	<i>dmfisher@clear.net.nz</i>
FISHER, Mac & Ngaire	<i>macfisher@clear.net.nz</i>
HOLST, Ken & Kay	<i>kaycee.holst@xtra.co.nz</i>
KERRISON, Max	<i>kerrison@inhb.co.nz</i>
LLOYD Family	<i>mwlloyd@xtra.co.nz</i>
MORRISON, Geoff & Pamela	<i>pamela.m@xtra.co.nz</i>
PERRY, Bruce	<i>rose.maree@xtra.co.nz</i>
RUSSELL Family	<i>T-S.RUSSELL@xtra.co.nz</i>
WATSON Family	<i>prwatson@xtra.co.nz</i>

Have you seen the new look NZOF homepage ([www.nzorienteeing.com](http://www.nzorienteeing.com)) If you have any suggestions for improving this page or any information which could be interesting, then contact the new webmaster Alistair Stewart ([aw.stewart@auckland.ac.nz](mailto:aw.stewart@auckland.ac.nz)).

Any additions, deletions or adjustments to the above list please advise Pamela Morrison.



# 1998 FIXTURES

DATE	CLUB	EVENT	MAP/PLACE
5/07/98	W	WOA OY	MILL CREEK
12/07/98	HB	CLUB	LOWER TUKITUKI
17/07/98	EG	NZ SEC SCHOOL CHAMPS	TARANAKI
18/07/98	EG	NZ SEC SCHOOL CHAMPS	TARANAKI
19/07/98	WAI	WINTER CLASSIC	WAIRARAPA
26/07/98	HB	CLUB	TE MATA PARK
26/07/98	H	CDOA OY4	KALLARNEY LAKE
9/08/98	HB	CLUB	BLUFF HILL
9/08/98	RK	WOA OY	SCOTTS FERRY
15/08/98	T	CLUB	PUKERIMU
16/08/98	R	CDOA OY5	NGAMOTU
23/08/98	HB	CLUB	HAVELOCK HILLS
6/09/98	HB	CLUB TEAMS EVENT	WHIRINAKI
13/09/98	P	CDOA OY6	MAUNGAITI
20/09/98	HB	CLUB - FRANK SMITH TROPHY	SEAFIELD ROAD
4/10/98	HB	CLUB OY5	TANGOIO
11/10/98	W	WOA RELAYS	JUDGEFORD
11/10/98	EG	CDOA OY7	HURWORTH
17/10/98	A	AUCKLAND CHAMPS	AUCKLAND
18/10/98	A	AUCKLAND CHAMPS	AUCKLAND
18/10/98	HB	CLUB	THE JUNCTION
24/10/98	RK	WELLINGTON CHAMPS	GORDON KEAR
25/10/98	KH	WELLINGTON CHAMPS	HYDRABAD
26/10/98	W	WELLINGTON CHAMPS	KAIKOKOPU
1/11/98	HB	CLUB OY6	THE SLUMP
7/11/98	R	CDOA CHAMPS	ROTORUA
8/11/98	R	CDOA CHAMPS	ROTORUA
15/11/98	HB	CLUB CHAMPS	MARAETOTARA
29/11/98	HB	CLUB	TE MATA PARK
8/12/98	HB	AGM	



## 1998 FIXTURES (local only)

DATE	EVENT	MAP/PLACE
12/07/98	CLUB	LOWER TUKITUKI
26/07/98	CLUB	TE MATA PARK
9/08/98	CLUB	BLUFF HILL
23/08/98	CLUB	HAVELOCK HILLS
6/09/98	CLUB TEAMS EVENT	WHIRINAKI
20/09/98	CLUB - FRANK SMITH TROPHY	SEAFIELD ROAD
4/10/98	CLUB OY5	TANGOIO
18/10/98	CLUB	THE JUNCTION
1/11/98	CLUB OY6	THE SLUMP
15/11/98	CLUB CHAMPS	MARAETOTARA
29/11/98	CLUB	TE MATA PARK
8/12/98	AGM	
13/12/98	CLUB XMAS	HORSESHOE BEND

You can start anytime between 10.30am and 1.30pm at these events. The courses will close at 3.00pm, which means controls will be removed from this time. If still on your course, please return to the finish.



### NOTE YOUR CALENDAR

July 19 - Winter Classic in the Wairarapa. See entry form for details. Highly recommended, but start training now.

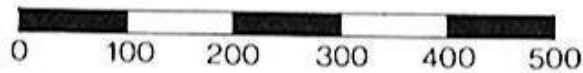
August 15 & 16 - club event at Taupo (Saturday) on the new Pukerimu forest map, followed by a CD OY the following day at Ngamotu forest (Rotorua). This will be an excellent two days orienteering which is open to any club member. This is a good opportunity to run on a couple of good maps at this time of the year - just turn up and enter on the day. Hopefully we can get a good crowd from HB going.






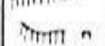











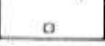

# THE PROMISED LAND

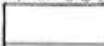

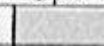
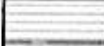




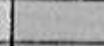
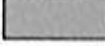

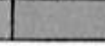
## ESK FOREST

Scale 1:10,000

Contours 6m



-  Road, metallated
-  Road, minor
-  Track
-  Track, indistinct
-  Ride
-  Cliff, uncrossable
-  Cliff, passable
-  Boulder
-  Contours 6m
-  Form Line
-  Knolls
-  Man-made Object
-  Lake
-  Marsh, uncrossable
-  Marsh, crossable
-  Linear marsh
-  Stream
-  Watercourse
-  Water Tank

	Forest	Semi open	Open
Fast			
Slow			
Walk			
Fight			

June 1998

