



BOOMERANG BULLETIN

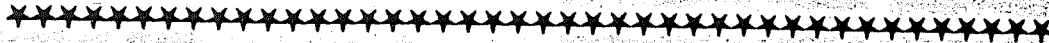
NOV., 1982.

Boomerang Association of Australia

P.O. BOX 245, LILYDALE, VICTORIA 3140, AUSTRALIA.

No. 32

Registered by Australia Post. Publication No. NBH4563.



HAPPY CHRISTMAS TO ALL!



Coming Events are listed on Page 6. The first of these is a competition at historic CORANDERRK (former Aboriginal station near HEALSVILLE, Victoria.) Colonial costumes will be worn by the daring. Bring the whole family for an hysterical, historical day!!!



SANDGROPPERS' SUICIDE

Alex, Gary, Graeme, Austin, Jo, Ray & Neil (See report P.5)

Photo by ALEX REGOS, courtesy W.A. NEWSPAPERS LIMITED



Editor catching a Peter Ruhf leftie

Photo by ALEX REGOS, courtesy WA NEWSPAPERS LTD.

Editorial

With this issue a new editor takes over from Tony Butz. On behalf of BAA members and other readers of this Bulletin I thank Tony for his very fine efforts over the past couple of years. As Tony said in his last editorial, he was greatly helped by Br. Brian Thomas. Thank you, Tony and Brian. We look forward to your continued contributions.

It is your Bulletin. I have some plans, such as interviews with leading identities in our sport, the first of which is in this issue. But a successful Bulletin will depend on contributions from a wide cross-section of members. If you come across material on boomerangs or boomerang throwing, please send it in.

A major objective for us is to send a successful team to the United States in 1984. I suspect that regaining the Australia's Boomerang Cup will be crucial in establishing Boomerang Throwing as a recognised sport in Australia. Regular competitions, including interstate challenges, should help both to prepare us for the American trip and to publicize the sport. We also need to increase membership. An application form is included. Sign up a friend soon!

In all this, the main thing is to have good fun. Good throwing.

Peter Jonson.

NEW MEMBERS

A very warm welcome to the following new members:

John, Elizabeth and Christopher Eykelburg of Coldstream, VIC.

Neil, Joanna and Nicholas George of Lesmurdie, W.A.

Ricky and Grant Upward of Coldstream, VIC.

Mark Elliot of Coldstream, VIC.

John Mauro of Richmond, Virginia, U.S.A.

Sidney Seeto of Roseville, N.S.W.

Sajih Chakkour of Lane Cove, N.S.W.

John Dixon (La Perouse Boomerang Man) of Phillip Bay, N.S.W.

Dietmar Vogelsang of Germany

Kenneth, Helen, Darren and Russell Clark of Coldstream, VIC.

T.W. Mazzarol of W.A.

Ray Sampson of Mt. Lawley, W.A.



Pour jeter, il faut chercher le meilleur angle.

GOOD TO SEE MEMBERSHIP COMING FROM EVERYWHERE!!

ALBURY

Once again at Albury we experienced great weather and great organisation. Ken Ovington was up to his best hosting form..many thanks,Ken,from all the BAA members.

Bunny Read took out the double for the Albury venue this year,by taking out the General Championship ahead of Robbie Croll and Chris Westall. Bunny is also our current Australian Champion...there must be something in testing 15,000 boomerangs a year that helps! Both the other finalists were also in top form throughout the championships. Chris Westall lead the Preliminaries with a fine 92,and also tied in the Accuracy Competition,but lost it in a throw off with Tony Butz. Tony was also showing his best form ever,as his General round of 75 points is his highest,and he came 5th in the Fast Catch.

"Man of the Match" would have to go to Robbie Croll,since apart from his 2nd in the General,he also won the MTA with 20.11 secs,the Suicide Event (taking two catches behind the back),and the Consecutive Catching. This last event held great interest. The final four throwers after 10 catches were Bunny Read,Chris Henzgen,Br.Thomas and Robbie. Chris went out before 20,and then Bunny put his 25th one out of the 20 metre circle. Br.Thomas went on to 54 catches before his 55th one failed to carry in to him. Robbie blazed away at the record 146 catches of Bunny,catching many of them centimetres above the ground. However,the 112th one slipped through his fingers to finish a fine catching performance.

After some debate the night before,we held our second interstate contest.Although the favourites,Victoria,won comfortably enough (266 to 247),the team concept greatly helped NSW throwers to perform better. Each thrower knew that half the crowd watching them were keen for them to do well,which helped to remove some of the isolation of being out there on your own. Team cheer squads were also encouraging. I would strongly advocate team throwing at all contests,even if is just picking up teams on the day out of a hat. We must develop a team thinking approach before 1984.

Two throwers,Chris Henzgen and Robbie Croll,both lost their points for one throw because their feet were not inside the throwing circle.This meant about 10 points loss, which I feel is very hard for a minor,non-intended offence.Any advantage gained by them was almost non-existent.A suggestion:why not make the penalty that they gain only half the points they score,if they go outside the line?Seems fairer to me.

If Robbie Croll dominated the Seniors,Michael Ovington did the same in the Juniors. He won four of the five events. Mark and Matthew Jones did well in the General coming in 2nd and 3rd.Sajih Chakkour from Sydney finished 2nd in the Fast Catch,while Jarred Byham of Barooga won the Accuracy Champion,and 2 year old Ben Loveland came in 3rd to him with Michael 2nd.Janine Knight took out 3rd in the Fast Catch,while Joe Tysoe probably got the most exercise of all the throwers!All the world loves a trier.

Other good performances were seen from Les Jones,Leanne Loveland,Trevor Loveland, Eddie Siladi,Jack & Peter Byham,Les and Arthur Janetzki,Jill Jacobson,Peter Jonson, and,of course,Chris Henzgen,who won the Fast Catch with a great 37.80.

Br.Brian Thomas.

1982

ALBURY RESULTS 1982 HELD ON OCTOBER 2nd & 3rd.

COMPETITOR	ACCURACY.		5 CATCHES		GENERAL CHAMPIONSHIP	
	Points	Place	Time	Place	Points	Place
Br. Brian Thomas	7	4th	2.20.22	11th	80	6th
Morris Maxwell	0	#	1.30.40	8th	72	8th
Tony Butz	10	<u>1st</u>	1.02.76	5th	75	7th
John Bailey	0	#			34	19th
Les Jones	0	#	0.59.10	4th	56	13th
Rob Croll	2	8th	0.47.52	3rd	88 + 85	2nd
Chris Westall	10	2nd	3.07.94	13th	92 + 68	3rd
Chris Henzgen	0	#	0.37.80	<u>1st</u>	87	4th
Dave Parkman	0	#	1.36.73	9th	46	15th
Bunny Read	3	7th	1.47.85	10th	91 + 95	<u>1st</u>
Peter Jonson	0	#	0.40.47	2nd	49	14th
Trevor Loveland	8	3rd	3.03.66	12th	67	10th
Arthur Janetzki (78)	2	8th			45	16th
Leanne Loveland	2	8th	4.06.46	14th	86	5th
Les Janetzki (81)	2	8th			44	17th
Jill Jacobson (USA)	4	6th			34	19th
Peter Byham	1	12th	1.11.00	6th	36	18th
Eddie Siladi	7	4th	1.23.00	7th	63	11th
Jack Byham					63	11th
Michael Ovington					69	9th
Mark Jones					46	15th

Consecutive Catching Championship: 1st Bob Croll 111 catches

2nd Br. Brian Thomas 54 catches

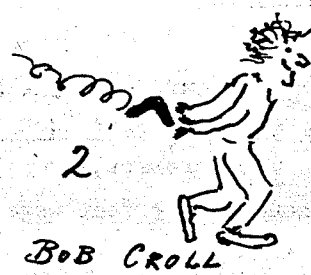
3rd Bunny Read 24 catches

Suicide Event: Bob Croll (two catches behind the back).

Smallest Boomerang: Br. Brian Thomas (85 mm across)

Maximum Time Aloft (Slow Catch): Bob Croll 20.11 secs.

Closest the Pin: Trevor Loveland



JUNIORS

ACCURACY CHAMPIONSHIP: 1st Jarrad Byham 14 pts.

NEAREST THE PIN: Michael Ovington

2nd Michael Ovington 8 pts.

3rd Ben Loveland 6 pts.

5 CATCHES: 1st Michael Ovington 69.70 secs.

CONSECUTIVE CATCHES: Michael Ovington

2nd Sajih Chakkour 2.28.6

12 catches

3rd Janine Knight 3.13.60

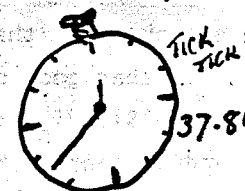
5 CATCHES

GENERAL CHAMPIONSHIP

1st Michael Ovington

2nd Mark Jones

3rd Matthew Jones



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THE BAA FLIES WEST! FIRST COMPETITION (THOUGH UNOFFICIAL).

This afternoon, Sunday 29th August, 1982, saw a meeting of a hopeful start of the WESTERN AUSTRALIAN BRANCH of the BOOMERANG ASSOCIATION OF AUSTRALIA.

Nine throwers met at Hamer Park near the Mt. Lawley High School, (we were to meet on the school oval but Peter Jonson brought over a boomerang that took in three normal ovals in a single circuit so we had to move) and held an impromptu competition. The weather was warm and sunny with a slightly tricky breeze blowing from the South.

Peter arrived at noon from Sydney with enthusiasm...and half a dozen interesting boomerangs. By 2 p.m. we were all throwing together in a rather random manner. Peter soon had us organised into a competition and the results are below. As you can see from these, we WA people are not to be trifled with. Any Australian Competition held in Perth in the future will certainly see some of our lads up front. Peter put on a superb performance but 'jet lag' was mentioned and he was obviously 'high' on our pure air.

The press were invited; they duly arrived, took photos, wrote us up and left, glancing furtively in the air behind them as they did so!

Unfortunately Ken Colbung was absent in Canberra at the time and could not be there. Hopefully he will be at our next get together.

The whole afternoon was voted as a highly successful adventure and holds great promise for the future. Peter Jonson is a great ambassador for the BAA; he has charisma, enthusiasm, excellent hardware, and is a very competent thrower. Thank you again. Peter, for getting us started as a group. We hope to see more of you in the future.

Those who took part were:

PETER JONSON, 26 Underwood St., Paddington. NSW. 2021 (02) 357 4585

AUSTIN COULTHARD, 99 Urch Rd., Rolystone. WA. 6111 390 8605

JO MAZZAROL, 52 Cleveland St., Dianella. WA. 6062 276 6170

RAY SAMPSON, 76 Rookwood St., Mt. Lawley. WA. 6062 271 2067

GRAEME WRIGHT, P.O. Box 65, Maylands. WA. 6051 271 3641

ALEX SAAR, 92 Salisbury St., Bedford. WA. 6052

NEIL GEORGE, 42 Ronneby Rd., Lesmurdie. WA. 6076 291 8392

GARY SAMPSON, Carey St., Condingup. via Esperance WA. 6450

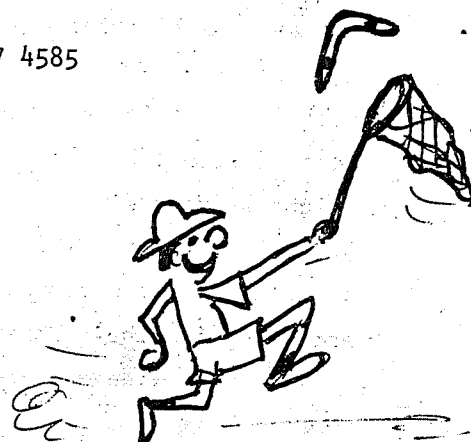
**** RESULTS ****

ACCURACY: Alex 19; Peter & Ray 15, Neil 12, Austin 6.

GENERAL: Neil 16, Peter & Alex 15, Graeme 8.

CATCHING: Graeme 5, Peter 4, Alex 2.

FAST CATCHING: Peter 58 secs., Austin 2.28, Neil 2.38, Alex 3.51.



REPORT BY

JO MAZZAROL,
BAA REGIONAL SUPERVISOR.



TRY BOOMERANG THROWING
THE AB-ORIGINAL AUSSIE
SPORT



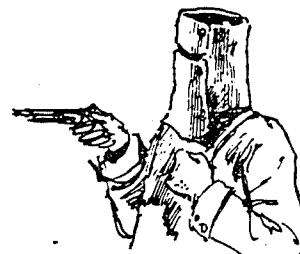
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COMING EVENTS



19th Dec.1982... CORANDERRK.. Competition.(See Page 7)

10th,11th,12th January...POWER HOUSE MUSEUM BOOMERANG STALL...

N.S.W.members to man this stall 10 a.m.till 3 p.m.on above dates.If you can help contact Tony Butz (807 4529).

19th,20th,21st January...MACQUARIE UNIVERSITY SUMMER SCHOOL...BOOMERANG INSTRUCTION.
Chief instructor will be Rick Haywood.

30th January...COBRAM BAROOGA COMPETITION ...(see Page 8).

13th March...BUSHMAN'S CARNIVAL at VALLEY HEIGHTS.

Exhibition throwing by Tony Butz,Peter Jonson & Br.Thomas for Leukemia Foundation.

26th March...BLUE MOUNTAINS CHAMPIONSHIPS at VALLEY HEIGHTS...2 p.m.(Further details in next Bulletin)

March...MOOMBA COMPETITION...Further details to be announced.Contact Chris Henzgen.

9th,10th April...AUSTRALIAN NATIONAL CHAMPIONSHIPS at ALBURY.

Late July...5th SYDNEY CHAMPIONSHIPS at CHATSWOOD.

EXECUTIVE MEETING AT ALBURY IN OCTOBER 1982

Members requiring the minutes of this meeting should write to Morris Maxwell.

The main points to emerge from the meeting were:

1. Gloves may not be worn in competitions.
2. There is to be a new system for scoring. There will be five accuracy circles all at 2 metre intervals.Maximum accuracy score will be 10 points. The distance circles will be 20 mts.(qualifying),30 mts.(2 pts.),40 mts.(4 pts.),50 mts.(6 pts.). With 4 points for a catch(in the 20 mt.range)this means that a maximum score of 100 points is possible for a round of 5 throws. (If you can follow all that you are as bright as Morris!)
3. An OFFICIAL RULE BOOK is due to be printed early in 1983. There will be variations of rules for some competitions. Organisers should nominate which set of rules they are using for their championship.

BOOK REVIEW

Ben Ruhe has produced a second edition of his book on boomerangs. The new version called "Boomerangs" contains much that is of interest,if read in the right spirit. It includes Ben's account of the American trip here last year.

To my mind the best part is on how the boomerang may have evolved from the non-returning stick. There is also material on records (official & unofficial) of various sorts,although Ben issues a warning when he quotes an un-named Australian who said that "Skilful liars far outnumber skilful boomerang throwers!"The book costs \$6.95.Anyone who wants a copy could send me \$8 (cover postage)and I shall place a bulk order with Ben. Incidentally,Ben has kindly decided that the profits from the book will go to financing our team's trip to America in 1984.

PETER JONSON, Editor.



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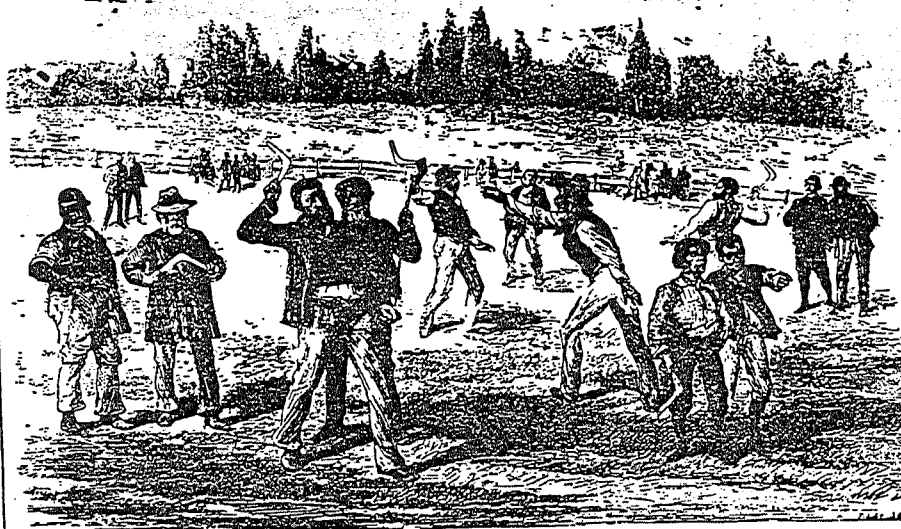


CORANDERRK CHRISTMAS COMPETITION AND FAMILY GAMES DAY

7.

SUNDAY, 19TH DECEMBER
10 A.M. TO 3.30 P.M.

WHERE: CORANDERRK STATION,
PICANNINY ROAD,
HEALSVILLE, VIC.
(MELWAY reference 147 K 12
..actually south of this.)
If coming from Melbourne on the
Maroondah Highway: approx. 2 km
after crossing the Yarra River.
Turn right at the Woori Yallock
turn off before Healsville.
Picanniny Lane is 2 km from the
Maroondah Highway..along the
Healsville-Kooweerup Road.



YOU MUST BOOK..ENTRY BY TICKET.

HOW MUCH? \$10, under 11 half price,
under 5 free. Ticket covers entry to
competitions, games & includes Roast
Luncheon. Queries: Phone 739-1809/789-
1597. Tickets from TICKET SECRETARY,
P.O. BOX 245, LILYDALE. 3140.

Competitions are held by kind courtesy
of owners, Mr. David Tan & Family.

PROGRAMME: OFFICIAL COMPS & more
unofficial novice events & lessons.
Also, games for the whole family.

OFFICIAL COMPS:

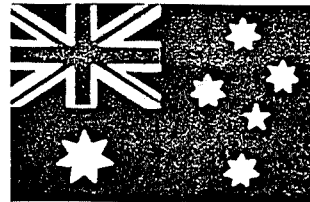
GENERAL, open, junior & ladies sections
ACCURACY, open & novices sections
FASTEST FIVE CATCHES, open only
DURATION OF FLIGHT, open only
JUGGLING, open only
NON-RETURNING LONG DISTANCE, open
NON-RETURNING ACCURACY, hitting target
CONSECUTIVE CATCHING, 146 to beat!



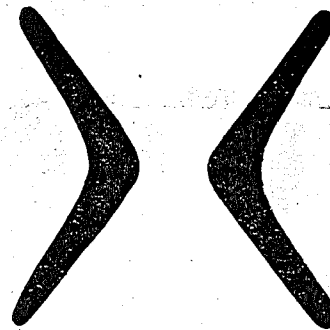
WEAR COLONIAL COSTUMES.
AWARDS for FASHIONS OF THE
FIELD.



COBRAM - BAROOGA
1ST ANNUAL BOOMERANG CHAMPIONSHIP
SUNDAY, 30TH JANUARY, 1983
10 A.M.
AT BAROOGA SPORTS RESERVE, N.S.W.



JUNIOR ACCURACY AND N.T.P. SENIOR ACCURACY AND N.T.P.
FAST CATCH
SLOW CATCH (MTA)
SUICIDE THROW
HUNTING STICK ACCURACY
JUNIOR GENERAL CHAMPIONSHIP
SENIOR GENERAL CHAMPIONSHIP
JUNIOR NOVICE
SENIOR NOVICE
BEST LADY COMPETITOR
ALSO STATE TEAMS EVENT.



ENTRANCE FEES: BAA MEMBERS SENIORS \$3 JUNIORS \$1
 DAY COMP MEMBERS SENIORS \$5 JUNIORS \$2

TOP THREE JUNIORS CAN ENTER SENIOR GENERAL COMPETITION.
GOOD TROPHIES AND PERPETUALS.

ENQUIRIES: REGARDING ACCOMMODATION, ENTRIES, ETC.,
PETER AND JOAN BYHAM,
P.O. Box 155,
BAROOGA. NSW. 3644 PHONE: 058- 734463

AFTER THE CHAMPIONSHIPS FOR THOSE STAYING OVERNIGHT, THERE WILL BE A
B-B-Q TEA AT BYHAM'S (PLEASE INFORM IF ATTENDING).
FACTORY AVAILABLE ON SATURDAY, 29TH, FOR WORK IN, BY APPOINTMENT.

ADDRESSES

PRESIDENT: BR. BRIAN M. THOMAS, C.F.C., 35 Anderson St., Chatswood. 2067. (02) 411 4733

VICE-PRESIDENTS: JACK BYHAM, Boorim St., Cobram. Vic. 3644. (058) 72216

BUNNY READ, 380 Broadway St., Wycheproof. Vic. 3527. (054) 937612

BARRIE FORSYTH, 75 Norrie Ave., Whyalla Norrie. S.A. 5608. (086) 457674

SECRETARY: MORRIS MAXWELL, Box 245, P.O., Lilydale. Vic. 3140. (03) 739 1809

TREASURER: MRS. DI JONSON, 26 Underwood St., Paddington. N.S.W. 2021. (02) 357 4585

EDITOR: PETER JONSON, 26 Underwood St., Paddington. N.S.W. 2021 (02) 357 4585

REGISTRAR: ALAN THOMPSON, 12 Highmoor Ave., Bayswater. Vic. 3153.

BOOMERANG THROWERS GET PSYCHED !

Psyching Up & Psyching Out

Every sportsman has heard of these terms, and most have experienced them in operation. However, most people misunderstand the concepts involved.

"Psyching" refers to an individual's ability to handle competitive stresses. Any competitive situation is comprised of a characteristic set of stressors - events that place demands on the competitor. Such stressors are either real events (environmental) or imagined ones (psychological).

An athlete is "psyched up" if he has developed the coping skills required to withstand the stresses of the competitive environment, and so can maintain performance levels.

An athlete is "psyched out" if he has no means of coping with these stresses, and his performance suffers accordingly.

Psyching up has little to do with the Ron Barassi - style "gung ho" talk. Rather, "psyching up" is a specific self-control skill that takes time and practice to develop.

The Principle of "Internality", or Self-Control

We can and must learn from those athletes who have excelled in their sport - the "elite" athletes. These athletes have been studied in detail by researchers such as Brent Rushall.

Elite athletes are highly self-motivated. Such athletes score highly on scales which measure self-control. Self-controlled athletes handle competitive stresses better and can better solve the problems which occur in sporting situations.

Developing Self - Control

1) Develop Individual Motivation

a) After every competition or practice session, recall and concentrate on the good aspects of the day. Forget errors and problems. Concentrate on one or two good events. Enjoy the positive experiences of the day. Most importantly, resolve to make this a ritual practice.

b) Regularly (at least once a week) go to a favourite quiet area and think about what you aim to get out of your throwing, particularly your ultimate goal.

c) Periodically tell a close friend what you do well in your sport, and also what your weaknesses are and how to improve them.

d) Do not consider any limit to your ability. Never be content that you are "there". Studies show that you can always improve.

e) Seek at least one improvement feature each throwing session. At the end of each day you should be able to answer the questions :

What was your goal today ? and
Did you achieve it ?

Athletes seeking to attain a high level of performance need to fine-tune their efforts by adopting a scientific goal-setting approach, whereby both short-term (day-to-day) and long term goals are set, evaluated, and re-established. This is best achieved by talking individually with a sport psychologist (sorry about the sales pitch !).

In sports such as boomerang throwing which are more recreational than competitive, an approach such as this may seem to be going too far. This question I leave open for discussion.

2) Augment Existing Individual Motivation

As the Australian team found against the Americans last year, competing against a well-organized team is like competing one-on-ten rather than one-on-one.

The development of a strong team identity can benefit each member. A well supported thrower is not out there by himself for he knows his teammates are pulling for him. His performance will be necessarily better as each thrower is less susceptible to the "psych out" or "choking" phenomena (performance decrement due to uncontrolled nervous activity), as there seems to be a sharing of responsibility among team members. As there is less "pressure" on the individual thrower, individual performance is enhanced.

To develop this team identity : The TEAM TALK

THE TEAM TALK

Select a team manager. / discussion leader.

As part of the competition preparation procedure plan several regular team talks.

Suggested times : once a week before or after a scheduled practice time
whilst travelling to a competition site
during final preparation when at site

In these talks the team manager should lead the following discussion :

a) Review group and individual goals. Remind athletes of the team's strategies and expectations. Individually review each athlete's contribution to the day.

b) Make public commitments to performance levels. Ask for each athlete to predict publicly his contribution to the team's effort. Be on guard at this time for unrealistically high predictions, and for uninspiringly low predictions.

c) Review team strategies. For the nth time go through what is to be done by each team member in the event of various contingencies.

d) Become mutually supportive. Encourage each public commitment, and require that each team member join in. Pre-dispose in this session the kind of mutually supportive comments appropriate to competing in your sport.

e) Discuss any problems / situations that have caused problems for a particular team member. The mutually supportive team will be able to share experiences and so help individual athletes who experience difficulties.

f) Openly discuss any complaints and/or criticisms from any team member. Encourage free and open communication between team members and the team manager. If there is a problem, you don't want to find out about it too late to correct it, nor to allow it to become accentuated by an extended period of being ignored.

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Benefits of a team approach :

- a) Members of a well-structured team find enthusiasm to be a highly contagious thing. Interest in competing increases, as does interest in fellow team members.
- b) Improvement / development of personal friendships.
- c) Personal growth through exploring the experience of belonging to a group of mutually dependent individuals.
- d) Facilitation of individual performances, leading to an improved overall team performance.
- e) Increased enjoyment for all participants.

etc.

The Principle of Specificity

As a final word, one of the most important aspects of modern sport psychology is the "Principle of Specificity". In short, if your sport requires to hit the ball hard, don't practice half shots. Similarly, if your major competitions are to be held as team events, don't run your smaller competitions as individual events.

GOOD THROWING !



John Crampton, BSc (Hons)
Sports Psychologist.
Suite 2, Ground Floor,
51-53 Spring Street,
Bondi Junction. 2022
(02) 387 1737 AH:349 5204
P.O. Box 219.

John will be doing further articles on sports psychology for us. If there is any aspect you would like him to write about, please write to him and let him know. He would also appreciate any comments you might have about this article.

John Crampton (Psychologist), Tony Butz & Eddie Siladi
(N.S.W. Team members)

Winning back the Australia's Cup will not be easy. We need to use every resource we can muster, and John Crampton is prepared to help us. The right psychological approach is vital. Read his articles & thoroughly digest them. Then use them! THE COACH.

MAXRANG by Tony Slater

The design opposite was sent in by Tony Slater of Shrewsbury, England, after he had obtained the excellent MTA time of 27.19 seconds on 26 June 1982. The time is the average of 27.17 and 27.21 seconds measured by two witnesses/timekeepers.

I was so impressed with this time that I asked Tony for more details. I thought 'washout' ought to be explained and I also asked about thermal activity. Tony and I once tried to throw Bs into thermals which we 'saw' approaching across a field of long grass. We were unsuccessful.

Here's Tony's letter:

Please would you forward my MTA time to the appropriate organisation, Guinness Book of Records, or whoever, for ratification as a World or a British record. I believe the present ratified record is 23 seconds, so I've beaten it by a fair lump! The flight was done on a flat field, without thermal assistance, and the 'rang' landed within 3 metres of me. I could have attempted to catch, but the time would have been shorter, so I didn't try for it.

Regarding thermal activity, I think if a thrower is skillful and can get his 'rang' into a thermal the time should be legal enough for records. After all, unpowered flying machines, including models, rely a lot on the pilot's or modeller's skill in knowing when to launch. And, in any case, who's to say when the air is truly neutral? To minimise the effect of thermals leading to highly 'false' MTA times, I think your suggestion of requiring the 'rang' to land within, say, 20 metres of the thrower is perhaps the best compromise.

Regarding your query, 'Washout' - Raising (by twisting) the trailing edge of the wing tip in relation to the centre of the wing. (Figure 2).

Most aircraft propellers have washout to reduce drag and help speed up tip speed and reduce stalling.

Washin is the opposite, and although it will generate more lift in theory, it will also create more drag. The wing section of the solar-powered cross channel machine has washout built in and this might be worth considering. (Figure 3).

The finish on the MAX RANG was a highly polished one to reduce drag. (See Newsletter 3)

Dihedral was bent in (cold) by hand on the field between flights until the desired effect was obtained. That is, correct flat pullout without stall at a max. height of 50 metres approx. I adjusted the flight pattern so that the 'rang' went out 60 - 70 m climbing gradually and the maximum altitude was reached as the 'rang' turned round and was coming back. This means that the following wind, if there was any, gave a damping effect to the pullout.

The 'rang' should then drift slowly towards the thrower in wide circles without losing any spinning speed.

I use dihedral to control the transition between the vertical and horizontal position of the 'rang' during the flight. If a 'rang' flies round and doesn't climb at all although it returns accurately without hover, add dihedral and the path will flatten out. The 'rang' will come back more slowly and will hover for the catch.

This is because of the coning effect as discussed in previous newsletters.

Try adding anhedral and the 'rang' will try to turn upside down or dive into the right just after launch. In some cases complete barrel rolls are possible!

Editor's comments. It's a great pity you didn't go for the catch, Tony.

On the question of 'ratification', I'm sorry to say I've so far been unable to discover exactly what procedure should be followed. Makes me wonder how some of the previous records were ratified.

FIGURE 1

MAXRANG

6 mm 5-ply birch
Weight 100.9 g

Notes:

1. Lead weights at wing tips.
2. Sharp entry at leading edges.
3. Washout and dihedral bent in by hand.

See text.

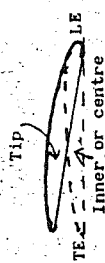
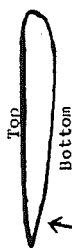


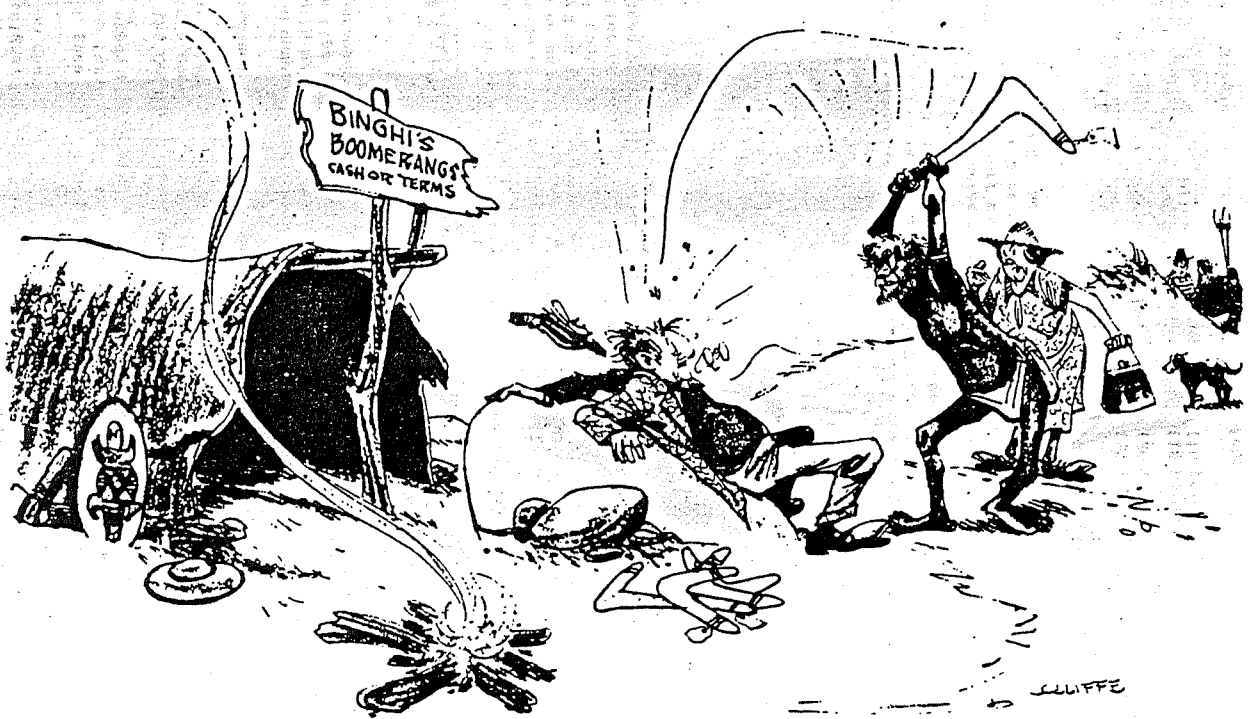
FIGURE 2



Built in washout

FIGURE 3

ADVERT.
Michael Hanson can supply
a wide range of boomerangs
also plans.
Send SAE for list to:-
Michael Hanson
British Boomerang Connection
P.O. Box 1
Cummock
Ayrshire



"Let's shop around elsewhere if he's not prepared to haggle."



'BINGHI BOOMERANGS'

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Editor's comments. It's a great pity you didn't go for an earlier issue. On the question of 'ratification', I'm sorry to say I've so far been unable to discover exactly what procedure should be followed. Makes me wonder how some of the previous records were ratified.

CROOKHOOK and ARCHBACK Designs

Robert Leckie, designer of The Richmond Whistler, has sent in two more interesting boomerang designs. He mentions that he doesn't know whether they are original, but he hasn't seen the equivalent anywhere.

"The Archback goes quite a long way with a progressive climbing turn and a super dramatic swoop for a gentle drop from overhead". Robert also says that he's found this design needs practically no undercutting along the leading edges.

Having seen the Crookhook, I can say it's quite an impressive boomerang. Robert says this 'rang goes very well with a big sweeping return as if on rails then has a nice little catching hover at the end. The inertia of the circular shape helps to keep things very steady and Robert has found this boomerang flies well in blustery conditions when other Bs were indifferent performers.

A fair bit of undercutting of the leading edges may be necessary. But, as I've also found with my 'angular omega' design, Robert feels that a relatively small bevel on the tips of the arms can have a quite significant effect. This is useful for tuning purposes.

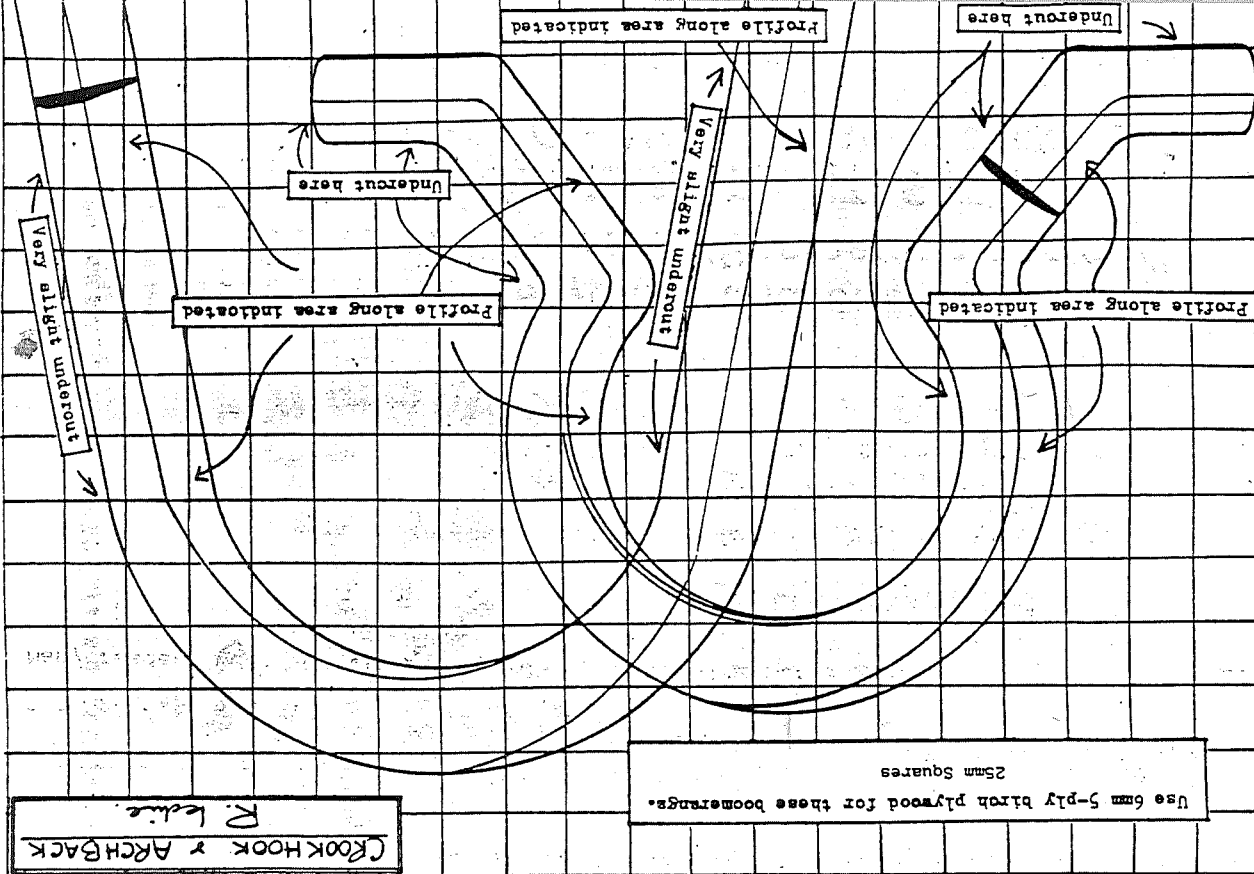
HORNIMAN - DULWICH PARK THROW-IN

Following the workshop on the Saturday, this event was well attended with much interest from spectators on Sunday 18 April.

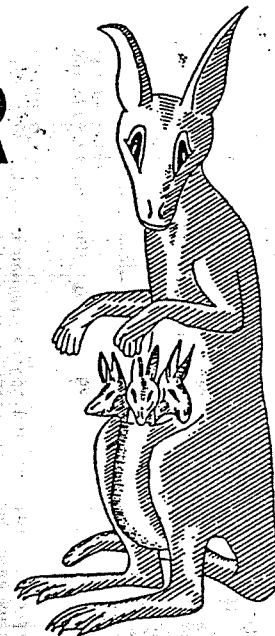
A good follow-up article by Charles Nevill in "The Daily Telegraph" mentioned the BBS and included an excellent picture of David Schummy. One result of this was that David appeared on the BBC's "Blue Peter" programme on 21 June and the "Radio Times" for that week contained a colour picture of the Blue Peter team with David and B. Instructions for making a B were also included in the Radio Times for that week. (Regret no flood of enquires yet!)

RESULTS		Adults		Juniors	
Accuracy	1.	David Weiss	2.58m	Gaius Hamilton	4.08m
	2.	Charles Herbert	3.21m	Jonathan Seller	5.47m
	3.	David Jones	4.06m	David Schummy	7.05m
(It was a very windy day)					
Catching	1.	Ger Schurink	9	David Schummy	8
	2.	Charles Herbert	2	Miles Bould	1
	3.	Michael Hanson	1		
Jacques Thomas)					
Shortest Time for 3 Throws	1.	Charles Herbert	32.2 sec.	Allison Jones	25.4 sec.
	2.	Ger Schurink	35.2 sec.	Rufus Hanson	29.1 sec.
	3.	Roger Levitt	39.2 sec.	Miles Bould	32.5 sec.
Maximum Time Aloft (Total of 3 throws)	1.	David Schummy	34.4 sec.		
	2.	Charles Herbert	32.6 sec.		
	3.	Geoff Woods	28.7 sec.		
Most Unusual Boomerang Best Made Boomerang	1.	Robert Leckie (Banararang)			
	2.	Ger Schurink			
	3.				
1. Miles Bould					
2.3 David Schummy					
Adult Champion of Champions					
Charles Herbert (27 points)					
Ger Schurink, runner-up (20 points)					
Junior Champion					
David Schummy (18 points)					
Miles Bould, runner-up (16 points)					

Prizes were kindly donated by John Wray and Ger Schurink.



THE KIDS WILL DO BETTER



BOOMERANGS MAKE US
HOPPING MAD!

It's not hard to read the thoughts of these talented young NSW throwers! Their eyes are set on the Australia's Boomerang Cup, knowing that one day they will be defending it. They gain competition practice on the last Sunday of each month at Blackman's Park, when the BTA NSW holds its monthly meetings. They are often joined on these occasions by interested tourists & others. Our heroes are Damian Heath, Sidney Seeto, Robert Arthur & Sajih Chakkour.

A few weeks ago the BTA NSW gave lessons at the first Sydney Special Olympics for the Mentally Retarded, many of whom showed great skill at Australia's oldest sport.

P.S. Readers will be sad to hear of the death of one of Tony Butz's closest friends: Monty. Many readers were sometimes wrapped up in Monty (2 metre python). None were bitten. R.I.P.

NEWS FLASH.....

Few results of 1982 MORELAND BOOMERANG CHAMPIONSHIPS.

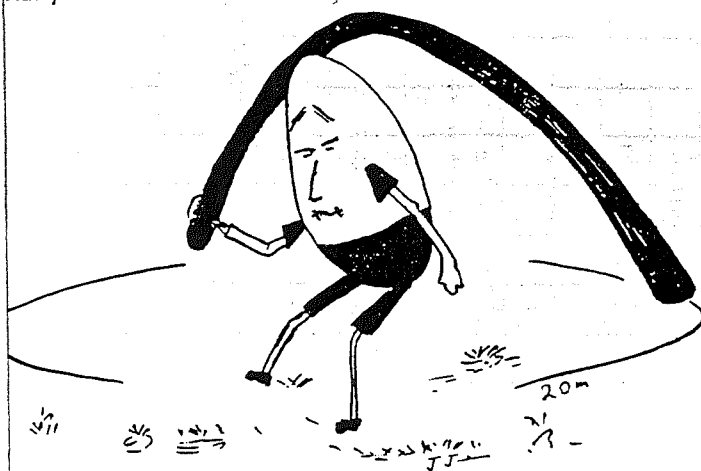
TOP TEAM: Coldstream 181.5.

GENERAL CHAMPION: Morris Maxwell 104.

MORELAND OVERALL CHAMPION: Bob Croll.

BEST NOVICE: Patrick Nibton-Turner 58.

Full write-up in Feb. issue. This meeting had quite a few innovations... even a boomerang making comp! Don't miss the write-up.



Which part of the boomerang must reach 20 metres?

CROOKHOOK and ARCHBACK Designs

Robert Leckie, designer of The Richmond Whistler, has sent in two more interesting designs. He doesn't know whether they are original, but

ARCHBACK

Very slight improvement

Reactions with Aluminium — ALUMINERANGS by John Wray

Having read about metal boomerangs it was inevitable that I should try to make one. Some have been made from cast-iron, but I decided to play safe and use aluminium.

I made the first using a discarded car number plate with a nice reflective surface. I managed to cut three miniature Bs from this using a fine fretsaw blade and finishing the edge with a fine file and abrasive paper.

One of the three was a half-size scale model of Herb Smith's 'Sycamore' with a span of 28.2 cm weighing 26 g. I bent this into a crude curved-plate aerofoil continuing the curving around the tips and elbow for strength. To do this I used an old pair of pliers, having filed off the serrations to avoid damaging the surface of the aluminium. The planform and section of this B is shown in Figure 1. It is a delightful boomerang and I usually throw it by the dingle arm (unusual for me). It has a range of about 18 m and hovers extremely well.

The real value of these Bs is that one can readily alter the angle of incidence of the arms and their dihedral to study the effect of this on the flight pattern. The curved-plate aerofoils develop a lot of lift, with little drag, if they are worked at a small incidence. The boomerangs can be converted from straight-on to return in a moment!

Encouraged, I tried larger models. So far I have cut two from a sheet of (18 gauge?) aluminium 60 x 30 cm obtainable from many good hardware stores. (Editor's note: 18 S.W.G. = 1.219 mm). Being essentially miserly I cut these from the edges of the sheet giving boomerangs right-angled at the elbows. Both have a chord of 5.4 cm before curving into an aerofoil, this being the maximum width I can conveniently hold. Both have a curved-plate aerofoil section as shown in Figure 2.

This time I bent the aluminium to shape by gently hammering it over a short wooden former shaped to the aerofoil section. When doing this it is important not to compress or stretch the metal too much otherwise the unwanted curves can be difficult to remove. The front and rear edges of the elbow were equally curved giving a symmetrical section which is necessary for rigidity.

The first of these Bs has unequal arms, the lifting being 30 cm and the dingle 25.4 cm. It has elliptical tips which I don't recommend since they tend to cut into your hand when throwing. I suggest a 'reverse elliptical' shape (Fig. 3b) is the best for the tip and I used this on the second B. Each arm is 30 cm long.

I weighted the first B with 1p at each tip and 1p + ½p at the elbow. This is thus a unique 3½pmerang! It weighs 72 g and has a range of about 22 m. The second, as yet unweighted, has a range of about 20 m. Both have a superb hover though they can be displaced and slide sideways rapidly.

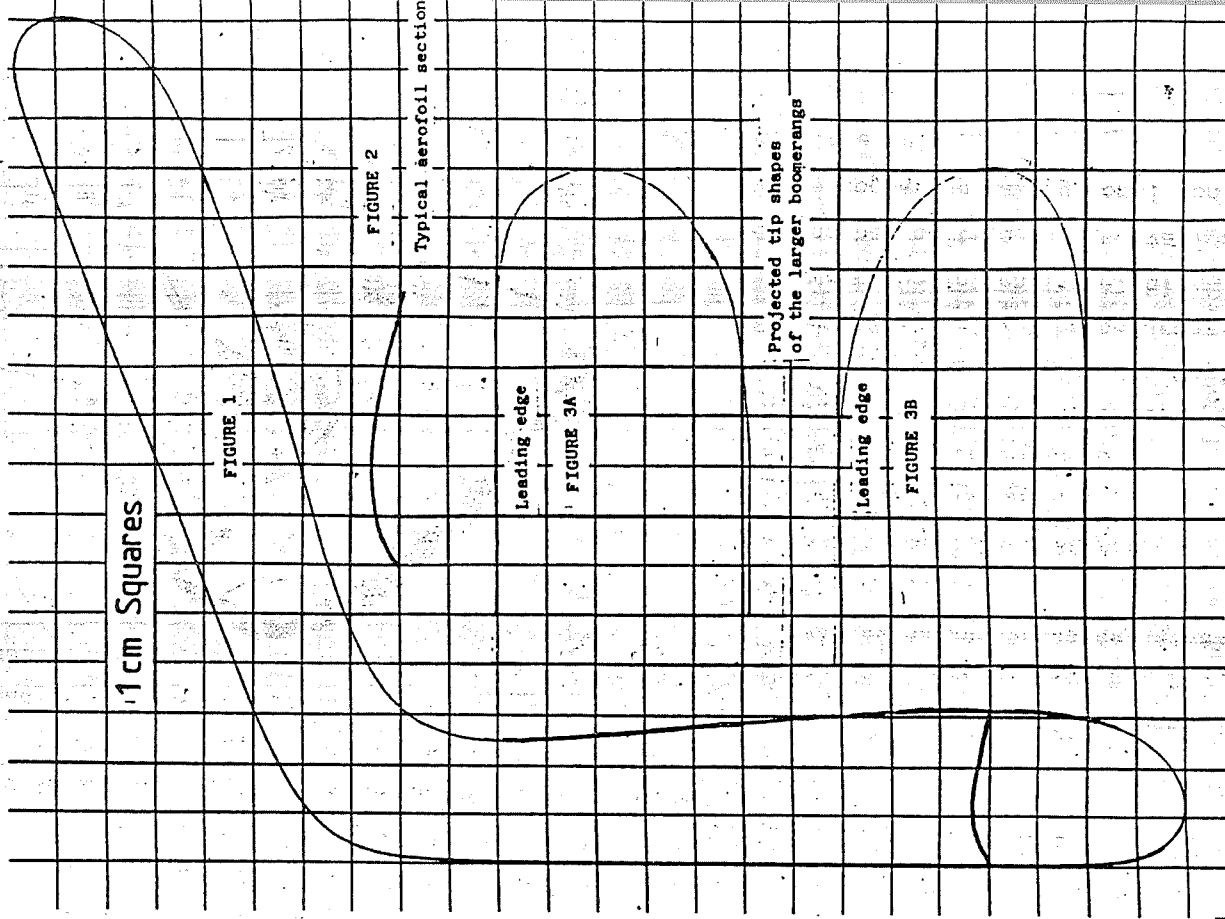
These aluminium boomerangs always attract attention. They look interesting and make a curious and rather unpleasant metallic whanging noise when they land! Heavy landings mean readjusting and a new start but, so what? They are cheap and almost indestructible.

A final word of warning. They can be very painful to catch - unless, of course, you are the Bs knees.

A new BBS member called Sally
Made a boomerang out of some ally,
But then how to throw,
She just didn't know,
Sally, please come to the Dulwich Park rally!

(You'll find lots of willing demonstrators
there, I'm sure. J.J.)

5



EXCLUSIVE

13

Interview with Les and Arthur Janetzki on Saturday, October 2nd, 1982.

Ed. Hello Les and Arthur Janetzki. I guess that you must be the oldest active boomerang throwers in the world. Could you tell us when and where you were born.

Arthur. I was born in 1904 at a place called Cowwarr on the Thompson River, right up in the mountains. After that we moved to Traralgon.

Les. I was born at Rosedale, Victoria. Father was a saddler and we lived in humble conditions.

Ed. His job took him from place to place?

Les. We quite frequently moved about - business in those days wasn't all that good. We more or less struggled.

Ed. I have been told that you were Vaudeville entertainers. Could you tell us a bit about that?

Les. When we saw an act in one of the theatres there was a girl playing a xylophone, and we got a bit fascinated with it. We bought one and there was a chap from New Zealand and he had a double act and was a very good xylophone player. He was at the Tivoli and we took lessons from him and we sort of improved a fair bit and he wanted us to join him and make an act. So we formed a marimba band, with xylophone and marimbas. So we got together and formed this band and we played the Tivoli and other theatres in Melbourne to start off with.

Ed. Where did you go from Melbourne?

Arthur. We signed up with Fullers Theatres. They had a circuit that was four theatres in Australia and four theatres in New Zealand. We toured the four centres - a month in each place and change of program every week. 50 weeks in 52 weeks was the contract.

Ed. Which of you played the xylophone?

Les. Both of us. We also did a little singing with the ukulele - three part harmony - we had another brother who we have since lost. With 2FC we were one of the first acts to play on radio in Sydney and that was at the top of Farmers building. (Now M.yers). We were one of the first live acts - way at the top of the building.

Ed. What job did you do after Vaudeville?

Les. We had a mixed business in North Sydney just near the highway for about 16 years. We got wind that the freeway was coming through so we sold out and cleared out and came to Albury.

Ed. What have you done in Albury?

Arthur. We had a business - we came to Albury because we were keen on fishing and shooting - a bit of sport. We had a business here in Albury for 15 years. Then we retired. After we retired we thought about boomerangs.

Ed. Could you tell us how you got into throwing boomerangs?

Les. First of all we were down the street one day, walking past Jeff Lewry's butcher shop. We saw a boomerang in the window and got a bit fascinated with it and we went in and bought it. When we got it home we couldn't throw it, couldn't get it to return - only a little bit. We finally learnt how to throw it and started to make our own boomerangs.

Ed. Arthur, what type of boomerang was that first boomerang?

Arthur. Just an ordinary conventional, light, aboriginal-type, a returning boomerang made of light plywood, not too heavy. Much bigger than what we have now. Boomerangs have got a little bit lighter than they used to be and are more efficient.

Ed. And you were taught to throw by Jeff Lewry?

Arthur. No. We just learnt to throw ourselves.

Ed. Was there a group of throwers in Albury?

Arthur. No - not at that time but we teamed up with Jeff Lewry and his daughter and sons - they were only little kids then - and we started an Albury Boomerang Club, with another chap, Alan Hayes from Lavington school, and we ran that for a number of years. Then we joined up with the other Association in Melbourne.

Ed. You are known as the makers of some of the finest boomerangs in the business - known as the Janetzki Rolls Royce. When did you start making them?

Arthur. We have been making boomerangs for about 16 years. Some say we've got the best boomerangs and Ben Ruhe from America says we've got some of the finest boomerangs in the world. But there's others that can make good boomerangs as well as ourselves.

Ed. Les, what design did you start with?

Les. More or less the conventional aboriginal shape, much bigger than these of present time, slow fliers and short range and quite easy to catch. From then on we got different designs and improved on them, further distance, lighter and smaller ones. The motto is: "You copy mine, I'll copy yours."

Ed. One of the things I'm very interested in is the evolution of these modern designs. Arthur, can you remember roughly the order in which the designs took place? After the conventional what was the first that was different?

Arthur. They started off with just the bent one - then got down to the right angled.

Ed. With straight sides?

Arthur. Yes - gradually getting down a bit lower, but as they get lower they get a bit weighty and harder to throw. The more bent boomerang seems to be most efficient.

Ed. What about the "Admiral" shape? Where did you get that from?

Les. Actually, someone in Melbourne had a shape similar to this and I got one from somewhere and found it difficult to throw and improved on it for our sake and got a different shape into it and found it defeated the wind quite a bit. We called it an "Admiral" because if you put them over your head they look like an Admiral's hat.

Ed. Can you remember who it was in Melbourne you first saw with that shape?

Arthur. No - there were quite a few. Billy Knight had fibre glass ones - heavy ones.

Ed. I've heard that Billy Knight invented the "Admiral" shape.

Les. It was similar to ours but we improved it to suit us.

Ed. What about the one called the Skippy?

Arthur. Entirely our own model.

Ed. Did you develop that from the Admiral's Hat?

Arthur. No. Les thought he'd develop a boomerang that looked like a snake, but got to this Skippy shape and didn't get quite to the shape of a snake, but it was a good one so we left it at that.

Ed. Have you had success with any other shapes?

Les. Quite a lot of different ones - Knobby - that has knobs on the end of the blades and smooth top. Admirals come out to the right. Skippys turn in. It's the way you put your dynamics on. You can have different dynamics on the Admiral than on a conventional boomerang and they fly entirely different.

Arthur. Another one was the Waltzing Matilda. It was a jolly good boomerang. It wasn't quite on the right angles but it was a good boomerang.

Ed. What shape was it Arthur?

Arthur. Not quite right angled, with straight sides and a pointy little top. It turned out to be a very good boomerang.

Ed. Your boomerangs are also famous for their painted designs, and there's no doubt they are the best looking boomerangs in the world. Where did you get the designs from?

Arthur. We get them from books in the library. They are aboriginal in origin. But there's no actual story attached to these boomerang designs - they are taken from shields and other boomerangs and other aboriginal artifacts. It makes them very colourful, red, white and yellow.

Ed. The conventional shaped boomerang no longer seems to be used much in competitions. What designs do you think will turn out to be the best?

Les. We find that it depends on your age. Young fellows can throw some shapes we cannot. We're too old, lacking in spin from the wrist. The young fellows can manage that quite well, they're quicker on impulse and all that sort of thing. But we find that we can throw the Admiral a good 30 metres and bring it back more accurately than any other - it's a very accurate boomerang and stands a lot more wind than those with straight blades.

Ed. There seems to have been a spate of new designs in recent years - most recently Bob Burwell's "Lazy-7". Do you expect new designs to keep appearing?

Arthur. Bobby Burwell makes some wonderful boomerangs, he's very good and they take a lot of beating.

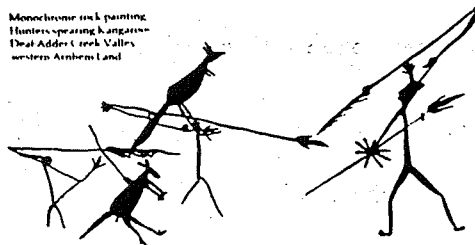
Ed. I think Bobby must be one of your closest competitors?

Arthur. I'd reckon so. Yes. Bobby might be on top.

- Ed. Who knows? It's probably impossible to decide these things. Going off on a different tack, can you recall any stories involving boomerangs?
- Les. This story comes from one of the books in the library. It's an aboriginal story - a fable of course. Many moons ago, way back in the dreamtime, the people were around the camp fire and the chief was telling them how the boomerang came into existence. In those early days, the men had to crawl on their hands and knees to get drink and food. The sky was nearly touching the ground and it was dark and they could hardly see. The old chief came to this magic pool and he stooped down to have a drink and as he did so he saw a beautiful stick in the water, a very straight stick, and as he reached in and drew the stick from the water, he thought 'what a beautiful stick' - then all of a sudden he thought, 'I can push up the sky with this stick and we'll be able to stand up.' So he pushed and pushed until he pushed the sky right up and the trees commenced to grow and the possums ran about in the branches and the kangaroos started hopping for joy then all of a sudden he looked at his stick and it was terribly bent and he went to throw it away, he thought it was no longer any good. So he threw it and it came back to him so he tried again and it came back again. So he kept the stick and called it the boomerang.
- Ed. And as somebody once said, "You can't throw a good boomerang away."
- Ed. What did you think of Robbie Croll's performance today?
- Arthur. He's a mighty little thrower, and a very good catcher too.
- Ed. 111 consecutive catches.
- Arthur. That's a good score isn't it? He's one of the best.
- Ed. Let me ask you both what you think about Australia's chances of winning back the Boomerang Cup from America?
- Les. Well I think we've got a very good chance - providing we can keep the young people up to it - we've got to have young throwers. If you can get the young people in it and train them for each event, I think they'll have a good chance. The Americans didn't beat us by much. The team we captained beat them by 3 points. The next day they only won by a few points and I think if we'd had some younger throwers to go in with those we already have I think we could have beaten them.
- Arthur. The trouble was the team was broken up. Down in Melbourne they had colossal winds and they were doing alright but the Americans had this hovering boomerang and they gained a lot of points with that boomerang and it made a big difference to the score. But in Albury they won by just a couple of odd points - it only meant a good throw and about one catch. They had the same team in Melbourne, Sydney and Brisbane. The whole team must be trained.
- Ed. That is very interesting. Thank you very much for talking to me for the Boomerang Bulletin. Good throwing.



Early Mimi rock painting.
Female figure with kangaroo head
East Alligator River,
western Arnhem Land



Monochrome rock painting
Hunters spearing kangaroos
Deaf Adder's creek Valley
western Arnhem Land

