

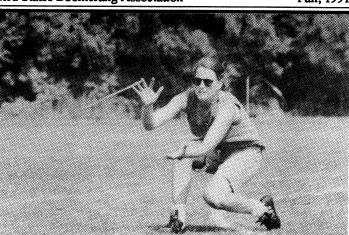
Number 48 \$2.50 U.S.

An International Publication of the United States Boomerang Association

Fall, 1991

Chet Wins 5th Straight Year at Nationals

His 6th win overall; Gregg not far behind August 10, 11, 1991, Mingo Park, Delaware, OH 1. Chet Snouffer, Delaware, OH......50.5 2. Greg Snouffer, Delaware, OH49.9 3. Matthieu Weber, Geneva, Switzerland39.5 4. John Flynn, White River Junction, VT25.7 5. John Koehler, Poolesville, MD24.5 6. William Gix, Edmonds, WA......20.5 7. Doug DuFresne, Portland, OR20.0 8. Gary Broadbent, Cleveland, OH19.8 10. John "Mole Man" Anthony, Shelton, CT 14.75 10. Willie Davis, Fort Wayne, IN14.75 12. Steve Kavanaugh14.7 13. Bob Leifeld, St. Louis, MO14 14. Lance Parubsky, Cleveland, OH 13.95 15. Peber Robson, Schenectady, NY11



Tara Whelan prepares to catch in the Aussie Round event at the USBA Nationals (photo by Alan Winterrowd).

15. Betsy Miale-Gix, Edmonds, WA	11
17. Dennis Joyce, Newport News, VA	10.1
18. Peter Ruhf, Bethlehem, PA	9.4
19. Mark Weary, Chicago, IL	9.3
00 T ' D 11 C C CC 1 T	60

Places have changed since original standings announcement due to math error. For further information (614) 363-8332 or Free Throwers, 51 Troy Rd., Delaware, OH 43015. See complete scoring table on page 8.

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reviewed (did you
know he was lefty?)
& much more



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Boomerang Poetry

Editor's note: stand back, poetry fans—the following collaborative effort is a (mostly) rhyming tournament report.

Boom Fest Fun Test

Good Times, Good Fun, Good People by Tara Whelan, Mole Man & Suzanne Lentz

11 o'clock and Mike went to sleep, a gun by his side all night he would keep. Mike kept the door locked with fear just in case

Mole Man showed up and got in his face.

Mole Man and Egghead arrived just in time:

at two in the morning — we didn't mind.

Tara was sanding, Egghead grabbed the paint;

he sprayed his boom and the deck (just a taint).

With Mike Gel in bed and Steve out cold;

We decided till morning our party would hold.

Asleep at 4, up at 6, to the field by 8 where Jim and Dennis patiently await.

With two paint machines we were really slick

Thanks to Jim and Dennis it went really quick.

Consecutive Catch scores were all quite the same;

no one pulled a 12 but we had fun just the same.

Then we did doubling. It went really smooth.

Jim Jordan scored 12 — there was nothing we could do.

Accuracy was won by Denny Boyce;

his score of 39 was really choice.

Koehler and Jordan played really tough:

but their scores of 38 just weren't enough.
Tim Maultsby did well in Endurance
that day

Cause Sarah cheered on the whole way. Even though Maultsby did well, we all know

Dennis, Mole and Kavanaugh took win, place and show.

In Aussie Round, Suzanne found that Andre

Haddad and John Koehler were the only two throwers to score a perfect 20.

Which was as sweet as honey. In the Fast Catch race,

Denny and Mole went face-to-face.

24, 23, 21, 20, Boyce took the title in the end;

it seemed to be a day-long trend. During MTA,

we had a break in the day.

A little rain, a little drizzle;

the energy didn't seem to fizzle.

Juggling

Michael Gel — 207

Well isn't that swell.

BOOMERANGS was really hip.

Sheila was our waitress — what a trip. Suzanne and I couldn't deal;

We just didn't know how to feel.

The day was over, the sun was down; everyone had lots of fun later we found.

Day two was neato cool.

Jim Youngblood showed up — we all wanted to drool.

Mole Man was the only one in the know:

he had convinced us that Jim wouldn't show.

Dennis and Kathy were there, Jim and Ola were back;

The thunder went boom and the lightning went crack.

The day was wet;

But we didn't fret.

Out came the plastic —

it was just fantastic.

The three teams — Zortina, Krelt & Disco Frog — were set.

Our hair was standing on end, but we didn't sweat it.

George/Cauliflower started off the

Team Krelt went all the way. 47 catches for those four;

nobody could beat their score.

Team Whoa Nelly is my favorite by

It's Aussie Round without the distance, plus Trick Catch points GALORE. Disco Frog was a thing of beauty in Team Position:

None of us had a chance against their finesse and precision.
I finally understood what Style

Outback was all about:

For the first time there just wasn't any doubt.

To do a skit or a performance of sorts

About an obsession I love that is also a sport.

Team Zortina came in first with a skit about a "plane";

Who would have thought that they had stashed another behind their team mate, Dennis Joyce's paint machine.

And we ended the day

with FULL CONTACT Round Rang Relay — Is there anything else we need to say.
Well, Zortina won,

and Disco Frog came in second
With third going to Team Krelt.

But Everyone should have your fell.

But Everyone should have won we felt.

So we had a barbecue —

with trophies for all, plus awards too:
For everyone wins and there are no losers.
There was sunshine in our hearts;
which could be felt by the smiles on our faces;

We said our good-byes till we meet again in other places.

Thanks to all — for you made our

tournament a great success;
May your lives be filled with FUN
because you are the best.

Max-Fly

by Maxwell Leith
There was a young man from Nyack
whose boomerang wouldn't come back
when it finally came down
twenty miles from the town
it landed in East Hackensack.

Editor's note: H.L. Mayhew has compiled a book of poetry called Boomerang Song which was the inspiration for this limerick. Boomerang Song is \$1 from Come Back Press, P.O. Box 30547, Columbus, OH 43230.

Another Boom Rap

by Mike Dickson (assume boom-rappin' attitude and rhythm, begin flailing arms about from elbows)

We make this thang and we call it a 'rang it flies and it spins and it drops in yo' hand.

You hold it like so then you let it go

It flies round and round and it comes back to yo'!

It's just a piece of wood but when you sand it like you should it becomes this thang

we call a boomerang.
You can stain it, you can paint it,

you can leave it plain
It's a toy of joy

that we love to fling.

So hear what I say that's how we play

we flip and we fly

in the sun all day!
Boom-chucka chucka chucka...

Boom-chucka chucka chucka...

Kimball Union Academy Tournament, 7/20/91

by John Flynn

Twenty-nine throwers came from as far away as Illinois, Maryland and Canada to willingly subject themselves to 100-degree heat July 20 at the Kimball Union Academy throw in Meriden, NH. Winds were light from the southwest, but tricky, due to the trees surrounding three-quarters of the field.

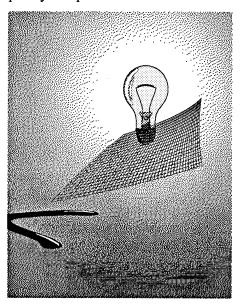
It was an interesting group, with three Germans from a Vermont technical school and Stephane Marguerite bringing friends Claude and Jean-Rock down from Montreal. Also, Mark Weary from Chicago, Mike Dickson and family from Ohio, the Barrett clan from Pennsylvania, and Jim Jordan from Maryland, and others made the trek. In fact, at mid-week, even Chet Snouffer, Fridolin Frost and Gary Broadbent were planning to come, but they chose to stay on flatter terrain at the last moment.

The heat was relentless.
Throwers kept their cool by consuming vast quantities of Gatorade and trying to catch Mole Man's and Youngblood's water balloon grenades, although Jim Jordan discovered his sunglasses are not designed for impact from the inside out. Oops!

As for results, the overall winner was John Flynn, who pulled a quasi-Barnaby and won only one of the seven events, endurance (thanks, Chet and Fridolin). Second place finisher Rob Parkins would have won endurance with 54 catches, but he ate four pieces of greasy fried chicken during the break, losing five endurances patches per piece, so he took 34 catches instead (thanks, Rob). Third overall went to scorekeeper Jeannie Anthony's

consistent little brother, with Allen Grindle and Larry Ruhf close behind in fourth and fifth.

Afterward, refreshing showers at the KUA field house, then a lasagna meal at Flynn's prepared by Kirk (with the help of Roger & Nancy's oven next door), then the awards. Dr. Barnaby missed the dinner because he had to hurry back to NY City, but 20 miles down the road he hit a deer and had to hook up with Jim Jordan's already-full car to get back home. Then, when on the way back to NY again, after retrieving his van, he was sideswiped and got a front row view of somebody's car showering sparks as it slid on its chassis along a concrete median at highway speed. Next time, Barnaby, you're invited, but we'll pick you up at the train station.



10th Annual New England Open

by Larry Ruhf

One of the most perfect days for boomerang throwing — light breeze and overcast in the 70s. One world record was set in Fast Catch and American records in Accuracy and MTA. The Juggling record was threatened twice.

Rob Parkins, with a Matthieu Weber triblader, caught five in 18.16 seconds to briefly hold the world record. Parkins also took Endurance with 61 and came in 3rd overall. Paul David dropped

in for 48 points in the Accuracy round and 111.15 in MTA100 for two American records. Chet, Gregg, Flynn, watch out for this guy — he's loaded and dangerous.

In Juggling, Mole Man's 129 catches and Allen Grindle's 122 both fell short of the record.

Eric Darnell took first overall with a steady, consistent day, edging out Dennis Joyce and Parkins for 2nd and 3rd. Everyone agreed this was the kind of day boomerangers dream about!

Rangs Boomerangs from Australia introduces the Hornet — an aerodynamically designed polypropylene boomerang that floats. This is fun and exciting for all ages, at the beach or the park. Comes with easy-to-follow illustrated instructions. "Great for beginners!" Each Hornet is radically handsprayed for originality, so take one for a spin at only \$10. Includes postage & handling. Contact Ozwest Imports, Inc.

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Editorial

Winter Woodshavings

Autumn is in the air. Soon they'll be stirring.

They live in dark, cement caves mostly, sometimes underneath a house or in a garage corner.
They hide themselves under broken toasters and flower pots. They're boom workbenches.

In its natural habitat, the boomerang maker's workbench is a unique animal. It collects stuff from all other occupations, squirreling it away for a long winter season. I've seen these benches accumulate medical scalpels and cauterizers, guitar-making drawknives, air compressors, industrial belt sanders, Indonesian chisels and ingeniously complicated gluing jigs.

Then some night in late Fall, you'll hear them. If a workbench is well supplied for the winter, you'll hear it the first cold evening after a new moon. Scrape, scrape, scrape, scrape, scrape, mood shavings and making more all the time.

The shift in Daylight Savings Time signals the end of the throwing season and the start of the manufacturing season (except for

24 lead wall anch
24 lead wall anch
7 pcs misc plywo
1 wood rasp
1 wood rasp
1 wood sandaids
1 box bandaids
1 box bandaids
1 re TTL

THANK YOU
BOBS HOW

Many Happy Returns editor Paul D. Sprague gets his feet wet in Montréal (Photo by Mauricio Souza). Why is it you can never have any fun without getting your feet wet?

the six-month grey area on each equinox). As the chill autumn air softly fills with sawdust — I can't wait to see what's in the air next spring.

Paul D. Sprague, editor Two Ems, Inc. 786 Boston Post Rd. Madison, CT 06443-3045 (203) 245-8211 (fax) 245-1805

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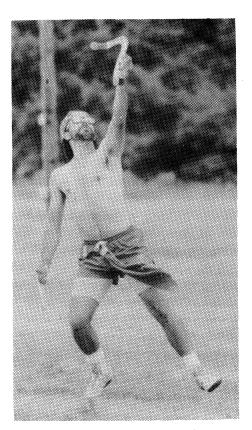
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Herb Smith Auction 11/1

A collector has appointed The Boomerang Man to auction a collection of Herb A. Smith wood and Paxolin boomerangs. The collection dates from 1988. All boomerangs are signed by Smith, and all but two are dated. No lefties available. Call (318) 325-8175 days (central time) for official bid form and more information. All bids are due by November 1, 1991.

Boomerang man announces a new line of Authentic Australian Aboriginal Craft items: swords, bull roarers, bark paintings, crossed booms, fire sticks, shields, hooked booms, club booms, killer booms, U & Y booms, nulla nulla, didgeridoos, and yes, black wattle returners in sizes 8" through 36" and fully decorated in true patterns and colors.



AUCTION Herb A. Smith Paxolin & wood styles Send SASE #10 envelope for your official bid sheet & details. No phone-ins please. Boomerang Man 1806 N. 3rd St., RM Monroe, LA 71201-4222

Nationals Pictures 65

Set of 50 prints for 1991 tournament in Delaware, OH. Throws, catches, dives, leaps and stretches. Over 25 different throwers.

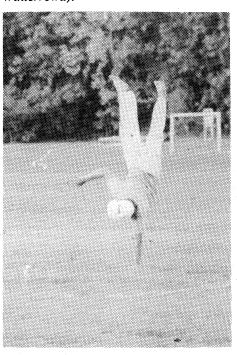
Send \$22.50 for 3x5 prints or \$25.00 for 4x6 prints

Alan Winterrowd 1540 W. 500th South Bluffton, IN 46714 (219) 694-6653

Beginner's Circle Bobbling your Booms



Stéphane Marguerite (above) shows the under-the-leg catch required in the Consecutive Catch event. Willie Davis (top left) brings down a one-handed grab in Doubling. Below, Steve Kavanaugh demonstrates a catch that is now illegal in three states (photos by Alan Winterrowd).



by Paul D. Sprague

Okay, so you got a handle on how to throw your boomerang so that it comes back (see Beginner's Circle past issues) at least to the same town as where you threw it. You make a dive at it and whop! it cracks you across the face.

You muse silently as you sit in the grass rubbing your jaw, "now what was the reason for all this again?" Doubt not, ye boomtosser, but use common sense.

1. If it looks like it wants to hurt you, get out of the way, and if it's going to hurt somebody else, get them out of the way. A boomerang that wants to be caught will hover down gently.

2. If it's hovering perfectly in front of you, put one hand underneath and one hand on top, then sandwich it flat between.

If you have trouble catching a basic boomerang, try a three-bladed model. The solid spin center gives you a little something better to grab for. Also, some models tend to retain a lot of spin in flight, making them nastier to catch. Try adding vinyl tape wing flaps to kill some spin.

Common trick catches are as follows:

- One-handed (clean, no traps against the body) grab up from the bottom, not from the side.
- Under-the-leg (see photo)
- Behind-the-back I concentrate on placing the top hand first, then bring the bottom hand around for the sandwich.
- Foot-catch the hardest part is lying down in the right spot, then try and clap it flat as it hovers down between your ankles.
- The one hand upside-down catch
 if I ever perform one of these,
 I'll let you know how it works.

Fast Catch Dissected

Part 1. Two Blades vs. Three Blades

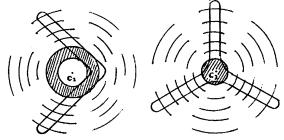
by John Flynn

This is a topic that has often been debated but rarely resolved concisely, due to the ambiguity of the definitions of two-bladed and three-bladed boomerangs. Let's limit our scope to a 90-degree elbow two-blader (2B) and a symmetric tri-blader (3B), and assume they are 5mm plywood and there is no wind. Both rangs require negative dihedral and a hard vertical release to maintain a low sub-3-second flight.

Let's begin with the throw. If you are adept at the elbow throw, you can claim that there are an equal number of wings/surfaces from which to launch. Even so, 3B has an inherent advantage because the thrower can grip any arm and achieve a similar flight. Launching 2B from the lift arm results in a different flight than the dingle, because the position of the wings at the release point is different. Therefore, a slight alteration in the release is required to yield the same flight. Time can be saved in the catch-throw transition with 3B because the thrower does not have to search for the correct arm; I give the advantage to 3B.

On the catching end, there is a potential advantage for 2B, but it really depends on personal preference.

2B, as it rotates about its center of mass, creates a ring that is very visible for the catcher, but in some places is missing! Fortunately, a wide hand spread usually covers enough of the "ring" to hold the catch. 3B, meanwhile, has its center of mass solid, visible and catchable, but the area appears smaller than 2B's and can be harder to pick up visually on a fast flight returning low and on edge. This can result in drops or painful catches. With fast boomerangs, call it even. With slower booms, the advantage goes to 3B.



Another area to explore is mistake recovery. If 3B is spinning fast and hits the ground, it is likely to "roll" along the ground. If not blocked by the thrower, it is likely to roll away. 2B has a tendency to bounce irregularly, which makes blocking a bit more treacherous, but usually the rang will come to rest

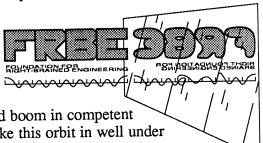
Part 2. Ruminations & Calculations

by J. Kenyon Sprague

Boomerangs are nonlinear. They have massive quantities of mechanisms which determine their behavior, including lot's a first order effects, and far too many powerful second order effects and a multitude of strong third order effects. Solution procedure? Act like a real engineer, simplify the living hell out of it. While cruising through Indiana cornfields one day, I combined the two hemispheres of my mind through mathematical boom free association and came up with some observations on Fast Catch.

A fast catch stick is designed to be heaved out with a grunt, whip out 20.0043 meters from the

launch point, zing back to its origin and drop into the thrower's hand, utterly



spent. A good boom in competent hands can make this orbit in well under 4 seconds. But how fast is it going? SOLUTION 1

ASSUME: constant speed, circular orbit, 4 seconds. For a legal throw, the boom travels in a circle 20 meters in diameter. Distance travelled would be PI*Diam = 62.8 meters. Speed would equal its average speed which would be the total displacement divided by the total elapsed time.

Vavg = 62.8/4 = 15.7 m/s = 51.5 ft/s = 35.1 mph. DISCUSSION: The constant speed assumption can't be true, but can give us a lower bound. Let's now try a slightly more complicated and accurate model. SOLUTION 2

ASSUME: constant tangential acceleration, zero final speed, circular orbit (displacement = 62.8 meters), 4 second orbit.

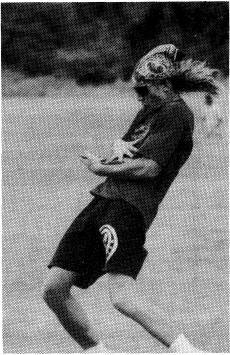
To find the initial launch speed, we can solve two kinematic differential equations, both of which fortunately are separable. Integrating the equations a = dv/dt & v dv = a ds with proper bounds and combining the results yields: V(initial) = 2*(distance/time) = 31.4 m/s = 103 ft/s = 70.2 mph. Tangential acceleration = -(Vi/time) = -(31.4/4) = -7.85 m/s/s.

DISCUSSION: This more realistic portrayal says that the boomerang is launched about 70 mph and decelerates steadily at 0.8 of a "gee" until it reaches a full stop at the launch point. "OK" you say, "but my Uncle at GM says that wind drag force for vehicles,

Part 1. Two Blades vs. Three Blades from pg. 6

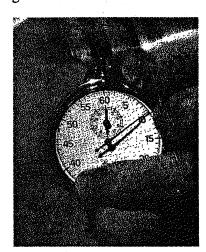
closer to the throwing circle if it gets by. Advantage — 2B.

So there's the comparison; a bit crude, but a starting point, nonetheless. Once one departs from the rigid conditions imposed here and factors in wind, shape variations and modifications such as holes/flaps/ weights, the soup becomes very thick. It becomes unrealistic to shapes, because



Direct from Geneva, it's Matthieu compare different Weber's rock'n' roll triblader fast catch act. (Photo by Alan Winterrowd) the underlying question always is, "Does it work?"

In wind, the relative importance of making a catch and being somewhere close to the throwing circle is far greater than the fine points of the catch-throw transition. In calm, we're splitting hairs searching for an advantage; speed, catching and accuracy are all givens. Survival is the name of the game in wind; get



those five catches, then think about how long it took to get them. In competition, throwers should be prepared to use either mindset.

For fast catch. whether you're using a two-blader, a threeblader, a hybrid design or a brick, if it works and you're satisfied, then that's the better rang! If it works and you're not satisfied,

continue to use the rang as a base point and look into other alternatives. The tendencies noted in the comparison will hold true, but will blend and overlap as new designs are tried. Let the performance of the boomerang dictate your preference instead of viceversa; use whatever works best for you.

Part 2. Ruminations & Calculations from pg. 6

and therefore wind drag deceleration is a function of velocity squared!" Well, Uncle Melvin is pretty much right — let's try it.

SOLUTION 3

ASSUME: tangential acceleration proportional to V**2, final speed known, circular orbit (displacement = 62.8 meters), 4 second orbit

To find the initial launch speed, we can again solve the same two differential equations, this time with acceleration as a function of V. Unfortunately. this time we get an icky nonlinear algebraic equation that expresses initial velocity (Vi) as a function of displacement, time, final velocity (Vf) and Vi again. Vi * [(1/Vf) + (dist/time)*ln(Vf/Vi)] = 1 where "ln" stands for a natural logarithm.

Although I can't solve this equation for Vi, I know all the other variables, so I can solve it numerically, or by trial and error. So, plug in dist=62.8, time=4 and Vf=0 and crank it numerically for the roots. Uh oh. What's that "infinite result" doing in there? It turns out that logarithms have an aversion for zero. If you plug in Vf=0 like we did before, the equation goes belly up. At the end of the flight when the velocity is getting low, the acceleration is getting low squared and requires infinite time to stop. We chose an impossible boundary condition, Vf=0. So let's try:

- a) Vf=1 m/s. = 3.3 ft/s = 2.2 mph
- b) Vf=5 m/s. = 16.4 ft/s = 11.2 mph
- c) Vf=10 m/s. = 32.8 ft/s = 22.4 mph And the initial velocities by trial and error are...
- a) Vi = 6.9 million m/s = mach 20,266
- b) Vi = 100 m/s = 328 ft/s = 224 mph
- c) Vi = 27 m/s = 87 ft/s = 60 mph

DISCUSSION: Although most objects have wind drag proportional to "V squared," this doesn't fit boomerangs very well. We could get better results if we were to include the effects of the spinning wings. or if we knew the drag coefficient of a spinning boom.

You could experiment with time lapse photo, or a radar gun, but the above results peg the launch speed of a 4 second fast catch 'rang at 65 to 70 mph.

Another interesting factoid is with that launch speed, the normal acceleration (centripetal acceleration) is equal to velocity squared over radius, or (31.4**2)/10 = 66 m/s/s = 6.7 "gees." Your fast catch boom accelerates towards the center of its path with more than 6 times the acceleration of gravity. This is nothing, however, in comparison with the linear acceleration during the throw — from rest to 31.4 m/s through a distance of perhaps 1 meter. At constant acceleration, that's 492 m/s/s or 50 "gees!" Gee whiz!

Scoring Tables: Editor's Note: This is not to be construed as a complete synopsis of the season, since not all scores were submitted to Many Happy Returns, and Western Oregon Boom Roundup space is not available to run them all even if they were.

	RATING SYSTEM SHEET																6)] :													
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1991 USBA Business Meeting Minutes

by Gregg Snouffer, secretary The following minutes were from the 1991 USBA business meeting held in Delaware, Ohio on August 10, 1991.

- 1. John Flynn's treasury report: Total Revenue for year: \$5,702.54 Total Expenses for year: \$5,383.43 Net Income for year:\$19.11
- 2. Discussion and vote on status of USBA mailing list as pertains to availability for commercial use to those who wish to purchase it.

Opposition vote carries. Members have access to list and it is available at a minimal charge to cover USBA expenses, but the list is not for sale to outside organizations for commercial purposes.

- 3. Corporate and Family membership rates: Discussion and vote on advisability for board to discuss and implement and family and corporate rate. Vote: unanimous in favor.
- 4. Nominations and vote for 1991-1992 officers (to take office immediately).

- President: Betsylew Miale-Gix* Jim Jordan
- Vice-president: Chet Snouffer* Alan Winterrowd
- Secretary: Gregg Snouffer*
- Treasurer: John Flynn*
- Board members (5 to be elected) Tom Fitzgerald* Jim Jordan* Michael Girvin* Doug DuFresne* Gary Broadbent John Derden Mole Man* Alan Winterrowd Suzanne Lentz
- * elected
- 5. Meeting for those interested in participating on the Rules Committee: Eric Darnell, Mark Weary, Ben Owen, Carmen Snouffer, Jim Schramm, Sean Marquardt, Tom Tuckerman, Willie Davis, Mike LaPrade, Eddie Carrigg, Ron Tamblyn, Dennis Joyce.
- 6. Meeting adjourned.

FOR SALE **Natural Wood Elbows**

Beautiful hardwood boomerangs. 1986 and 1988 "Best" at USBA National Conventions (only years entered). I also have solid walnut killing sticks, but supplies are limited. If interested send a SASE to:

Stone Mountain Boomerangs 1815 Britt Road Snellville, Georgia 30278

New England Boomerang Tournament, Amherst, MA

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Return on investment.

No fee for typesetting/design, flexible ad sizes, guaranteed readership of the United States Boomerang Association. Order your ad today to assure good placement in the next issue.

Mondo V 2 1/4 x 4 1/2 \$40

To advertise in Many Happy Returns:

Send a sketch of what you want your ad to look like, include any artwork (logos, pictures of your merchandise, etc.) with payment \$US\$ according to the price schedule below, or send camera-ready copy made to the appropriate size. Checks should be payable in advance of publication to:

Two Ems, Inc. 786 Boston Post Road Madison, CT 06443 MHR advertising rates:

\$20
\$40
\$40
\$80
\$80
\$115
\$150
\$200

Payment must be received in advance of publication. Deadline for the winter 1991 issue is 12/1.

Midget 2 1/4 x 2 1/8 \$20	

Mondo H 4 3/4 x 2 1/8 \$40		

New Booms on the Block

Spinback Bijou by Tomahawk boomerangs, France; available from Boomerang Man (318) 325-8157. Ice-blue sunshine clatters right through this polished clear plastic stick in flight. Very dramatic against a blue sky. The Toma-Tomahawk hawk is a stiff-arm hook, rounded vertex with straight wings similar to some DuFresne models or early Bunny Reads. It travels a solid 50 meters with an elegant return and an easy catch. The sample reviewed is dense, injectionmolded plex, but it is also available in softer, opaque plastic that is much better to tune. 1991 1991 by Mole Man, 21 Huntington Ave. Shelton, CT 06484. The 1991 is a wide-open 40-meter Aussie Round stick similar in flight and paint to the Gel Madonna (see last issue). This handcarved plywood boom has broad, easy-to-handle round flared wingtips for a good release. It flies with slow well-balanced spin and gives a graceful return. It requires a moderate breeze for accurate returns; I had trouble bringing it right back in dead calm as it tended to land at 9 o'clock a few meters out. Great performer when the wind is up. Cruncherana by Quaker Oats, Free in specially marked boxes of Captain Crunch™ PI YWOOD The Cruncherang is shabby, yet inferior; a lousy performer, yet ineffectual. Although the Cap'n can coax a perfect throw out of his aerodynamic wonder, non-Toons are in for some frustration since it has the flight characteristics of a flattened wiffle ball. Instructions on the box do NOT say "guaranteed to come back." When asked about future litigation regarding the unique profile of his boom, the Cap'n chuckled good naturedly, "hey kids, no comment." RIGHT AND LEFT HANDED INJECTION MOLDED PLASTIC ©1990 QOC Cap'n Crunch Editor's note: now I remember where I've seen that shape before. See New Booms on the Block Fall 1990.



Editor's note: the end of the throwing season is upon us in the Northern hemisphere. Please get a jump on next season by submitting your tournament dates early. Publication deadlines for Many Happy Returns are 3/1, 6/1, 9/1 and 12/1. Two Ems, Inc. 786 Boston Post Road. Madison CT 06443. (203) 245-8211, (fax) 245-1805.

October 12 7th Annual Hampton, Virginia Boomerang Tournament; Dennis Joyce (804) 974-3536.

October 18-20 Canadian Boomerang & Wood Show, Pickering (near Toronto); John Cryderman, 136 Thames St. Chatham, Ontario Canada N7L2Y8

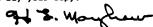
October 19 London: Boomerang Workshop, Horniman Museum, Forest Hill. John Jordan, BBS, 9 Bowood Dr., Tettenhall, Wolverhampton, VW6AW

November 1 Monroe, LA, Herb Smith Auction by Rich Harrison (B-Man) call 318-325-8157 for bid form & info.

August 31, 1992 International Team Cup, Hamburg, Germany. Details to come.

TRUE BOOMERANGS

.. that's the title of my new book. Send me 19 cents cash or stamp and I will mail you information on where to buy your copy.



H.L. Mayhew 5609 Longrifle Road Westerville, Ohio 43081



YLIJUMALA

METSÄSTÄJÄ

Ancient gods from a Lapland postcard. The one riding the lizard, Ylijumala, is the chief god of old Lapland (submitted by J. Kenyon Sprague).

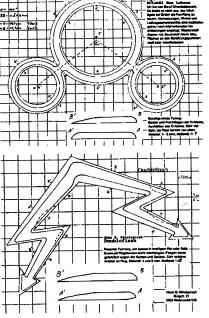
France Boomerang **Association**

Olivier Vouktchevitch of the France Boomerang Association reports a new French distance record of 112m by Renaud Breton, topping Michael Dufayard's record by two meters.

The FBA has adopted the USBA system for 1992 World Cup team selection. Official FBA tournaments must have:

- 1. At least 20 throwers
- 2. At least 3 regional groups represented
- 3. 1 month advance announcement
- 4. All the official events

BUMERANG



The German boomerang newsletter Bumerang Welt shows plans for several interesting boomerang designs including the H₂O (looks kinda like Mickey Mouse to me) and der Doubleflash, both by Hans Nikolayczyk.

— Confucius

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The educational material presented in this book was developed and is used as a guide to introduce the sport of recreational Boomeranging to thousands of the public at the National Park Service C. V. N. R. A. facility, Cleveland, Ohio.

Available through the National Park Service Visitors Book Store.



THE CLEVELAND **BOOMERANG SCHOOL** P.O. Box 17385 • Euclid, OH 44117 (216) 289-6324

The Clippings File

Editor's note: These are samples of newspaper articles on boomerangs submitted since June.

Organizers hope Boomerang-a-thon to attract world championships here



Boomerang toss possible record

By Jone Sirus Chathern Bureau	to r
CHATHAM — Hey mace, it may be a record. Assess with red bosomerants.	
172 people fixed up along the St. Cleir College. Therees cant- pes. secon field Thursday right	=
and tried to some their way so a world record. "We had one back of on	Person
event," and John Crysterman, a local bas swrang enthusiant who organized the man drow.	pert i
"It looked virtually like one sal- id huge red reinbow."	Chart
SPENITING TAPE The avent	

SPORTS







Chatham throws boomerang bash

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Communities/Sports & Recreat In this sport, what goes 'round comes 'round again



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Accuracy the key to understanding boomerang events





World class competitors demonstrate boomerang skill in Edmonds visit





Chet edges Gregg Snouffer in battle of boomerang brothers



Still the champ

RETURN to SENDER

Throwers test arms in Salem



On Sportsmanship and Rob Kunkel

by Gregg Snouffer

I had a great time attending John Koehler's Maryland tournament the week before Labor Day weekend. It was a great trip with great friends. I was travelling with Willy Davis who drove over from Ft. Wayne and spent the night with Rob Kunkel and me. We picked up Scotty "Pippen" Ayers after he got off work the next morning and met Gary Broadbent and three of his "boom boys" from North Ridgeville.

We stopped at all of the rest areas and threw. We shopped for motor oil to keep Gary's boom dog car going, and found some good deals on leftover summer clothes at K Mart. We got in late to Koehler's and crashed on his floor, wrestling and talking until John came down and warned us of the dangers should we awake his two young daughters. We enjoyed a whole day on the field in 90-degree weather, throwing with some of our best boom buddies.

We Ohio Boys, some guy from Indiana, and some really fast guy named Parkins spent most of the next day leaving boomerangs among the displays in the museum of U.S. history to reflect their significance in the building of this great nation. We threw on the mall with friends who found those revised history displays as they took a more traditional tour of the museum. We posed on a roadside bench along Independence Avenue as if in a giant family portrait and waved at passing cars to see if the occupants would wave back.

We drove home late at night, smooth-talking the Maryland Highway Patrol out of speeding tickets and singing at the top of our lungs to stay awake. Scott Ayers was off to work, Willy Davis was off to Indiana, and Rob Kunkel was off to keep a date with his girlfriend for a picnic within three hours after we got back to Ohio.

The next day, school started in Delaware and Rob told me he'd have no time for boomerangs or tournaments with his heavy schedule and cross country practices, for he had recently decided to try to go through veterinary school and it was time to buckle down to the reality of eight to nine years of hard work ahead. This was to be his last summer of youthful freedom. Maryland would be his last tournament this year.

Rob came over after school the following Friday, and we talked about things: his dad had spoken with a fellow who was into boomerangs and wanted to contact me...how did I think his scores would land him in the overall USBA ratings...his first exhibition run in cross country hadn't gone so well, he fell twice...his busy school and cross country schedule had taken a toll on his relationship with his girlfriend, they had broken up this morning.

He didn't seem terribly shaken by these events. We spoke candidly.

He called again that evening to see what I was up to...he was bored. I had a date, but assured him Scotty Pippen would be up for something. He called Scott and they agreed to get together, but Rob had to call a few other people first, and would call Scott back. He never called.

He did call a few other friends, just to touch base and see what everyone was doing.

The next morning he slept in

late, woke up and spoke with his dad and his brother Charlie, whom many of you know from Nationals and the Cleveland tournaments. Rob seemed quite normal.

Later, sometime early after noon, he took his rifle and went back in the woods behind his parents house where he had a shooting range set up. He only took one bullet with him, however. He used it to shoot himself in the heart. His dad found his body later in the afternoon. There was no note.

I'm telling you this because many of you knew him and liked him. And I know he liked many of you. He liked to name drop, and he wanted to know many of you personally, rather than to rely on my connections. Charlie and I went through his boomerang bag the other day. He was building a very fine kit with some very competitive boomerangs. He was becoming a real boomerang idiot.

Last weekend in Maryland, I promised him I'd say something to you. He brought this up and he wanted to share it with you. I know, because we talked at length about it.

He wanted to get involved with the rules committee, but thought people wouldn't want that, because of his youth and inexperience. I told him that the committee was a sounding board where people shared their ideas on what rules they wanted to see changed, and the only real requirement was that you submit your ideas, read other members' ideas and respond to them. Age and experience level has precious little to do with knowing what changes you think would be good for the sport. It's more a matter of love for boomerangs and the sport, and Charlie and I both know how great his love was.

The issue that Rob wanted to address was sportsmanship. He was affected by several incidents he observed on the competition field over the summer. His proposal was to initiate a yellow card system of warnings and expulsion to deal with unsportsmanlike conduct, just like soccer. I was much more in favor of a gentlemen's code of conduct, but as I thought about it, he was right. Every established sport I could think of had some form of discipline for outbursts and unsportsmanlike conduct.

I told him that as recipient of the Sportsmanship Award at Nationals, I felt bad that I had been busy with some membership information when Chet announced the award. I didn't hear it at all. When I stepped up to accept I didn't know what it was that I was accepting. There was a cash amount donated by an anonymous donor and a lot of people were surprised at this. I, totally ignorant, opened my mouth real wide and put my foot right in it, when there was really something very important that should have or could have been said. I told Rob I was embarrassed by that situation and already wanted to write something about sportsmanship for this issue of MHR anyway. I said I would be glad to address the issue for him. He said that would be good; he'd trust me to bring it up for him.

I believe that people are capable of controlling their actions, and that they choose to act nobly or not. Somewhat relatedly, I believe that ratings points should always be rewards for outstanding performances and never punishment for dismal performances, as

they are in the European system. I believe in rewarding, not punishing, and I believe in a system that rewards all-out performance, rather than one that encourages safety and mediocrity. When I think about sportsmanship, therefore, I like the idea of a sportsmanship award. I like the idea or rewarding outstanding behavior, as well as performance.

The issue of money stirs up something else. It's a constant controversy. Is he only acting sportsmanlike because he wants to win the money? Does the end justify the means? On the other hand, do Nobel Prize winners only do their great humanitarian work for a shot at the cash reward? Is all human nobility lost when money enters? Don't we trust anyone's motives and can't we reward them for doing something we deem valuable to the sport?

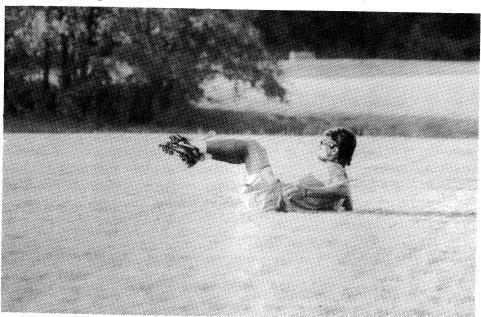
What Rob wanted me to say has nothing to do with money, however, and that's a different debate. What Rob wanted me to say is this,

"Why don't boomerangers act more honorable on the field? Why can't they compete with the wind, with themselves, and with each other in a more positive fashion? Is there something we can do to encourage them to act more sportsmanlike?"

I told him that if the boomerangers that I know could read about our concerns, his and mine, that I thought it would have an impact on their actions. It wouldn't take money, or awards, or yellow cards to affect these guys. Boomerangers are an interesting breed. They are ultrainterested in maintaining the good feeling of the sport. They love the "grass roots" aspect, and they love the fact that world champions compete alongside 17-year-old kids from Ohio who are in their first tournament season. They can respond to ideas and act more sportsmanlike because someone shares their concerns about what they observe at a couple of tourna-

Rob said, "Maybe you're right."

Many of you know that I could write on for pages, but right now I can't. Charlie's waiting for me to take him to the field to throw.



Gregg Snouffer (photo by Alan Winterrowd).

News from the World **Boom Association**



by Roger Perry

During the April World Boomerang Championships in Perth, the World Boomerang Association was formed to advance the sport of boomerang throwing, to formulate uniform competition rules and to provide a worldwide information network for competition-level throwers and enthusiasts.

The interim office bearers of this new organization are: President - Roger Perry, Australia Vice-president - Chet Snouffer, **USA**

Vice-president - Kim Galeazzi, Switzerland

Secretary - Eric Hazel, Australia National Representatives:

USA: Gregg Snouffer

France: Olivier Vouktchevitch

Holland: Inge Engwerda Canada: Stephane Marguerite

Australia: Robert Croll Italy: Mario Crescembini

Japan: Yoshinobu Sakimitsu Germany: Oliver Rau

England: Arthur Newton

Switzerland: Jurg Schedler Brazil: Carlos Martini

Belgium: Hubert Foulon Representatives for Sweden and

Poland are expected soon. The immediate goals of the

1. Investigate and initiate official incorporation of the World Boomerang Association.

2. Examine requirements for WBA membership in the General Assembly of Sports Federation (GAISF).

3. Examine feasibility of having boomerang throwing included as a demonstration sport at the 1996 Olympics in Atlanta.

4. Compile a dossier of media coverage of the sport of boomerang throwing worldwide to assist in efforts to attract sponsors for future national and international boomerang events.

A major role of the WBA on an ongoing basis will be to assist in the staging of international boomerang events by providing management advice based on the experience of similar past events, competition formats and rules, media information and videos.

It is also envisaged that a WBA magazine will eventually be published regularly.

Any ideas for raising funds to get the WBA up and running would be gratefully considered by the organizers. One such idea is to issue a "WBA Approved" sticker to boomerang manufacturers whose products meet WBA criteria (to be formulated). The stickers could then be sold (at cost, plus a small levy) to the approved manufacturers for application to their boomerangs. This would have the collateral advantage of assisting first-time boomerang buyers to avoid the disappointment of trying to learn to throw with a a nonfunctional boomerang.

The next World Boomerang Championships

Unfortunately, it has proved impossible to hold the next WBC in Japan in August, 1992 as previously planned. There is still a possibility of holding the WBC there sometime in 1992. Failing this, there is interest in Canada holding the WBC there in 1993 with sponsorship by a radio station.

As the popularity of boomerang throwing continues to grow, it is envisaged that the WBA will

become increasingly involved in the allocation of international events as well as general promotion of the sport worldwide. At this stage, you can help in this regard by forwarding copies of press coverage of boomerang throwing from the last 12 months as well as any future coverage to WBA secretary, Eric Hazel.

The office bearers and national representatives welcome all questions and suggestions from interested parties regarding the organization and function of the WBA. It should be noted that all positions are of an interim nature until the next World Boomerang Championships and that WBA has been conceived to advance the sport of boomerang throwing throughout the world.

Send correspondence and media clips to: Eric Hazell, 9 MacKinlay Place, Winthrop Perth, Western Australia

What Needs to Be Done to Establish a World Body?

USBA secretary Gregg Snouffer suggests that the USBA may be able to take a leading role in the establishment of a World Boomerang Association by taking nominations for potential representatives to a world body and appointing one of the nominees to serve as the USBA's official representative.

If the various national-level boomerang organizations around the world would follow suit and appoint reps to contact each other, perhaps we could get the thing off the ground. Gregg credits Ted Bailey with the idea, and adds that this step might lend some impetus to the effort.

Boomerang Rainbow Covers Canadian Sky

A charity boomerang toss mounted by John Cryderman raised more than \$500 for the United Way of Chatham-Kent and launched two of Cryderman's hopes. He hopes to win publication of the event as the world's record for the greatest number of people throwing and attempting to catch a boomerang at one time. He also hopes to attract the 1993 World Boomerang Championship to Chatham.

Armed with red boomerangs, 172 people lined up along the St. Clair College, Thames campus, soccer field on Thursday evening September 6, and tried to toss their way to a world record. The event was videotaped and Cryderman will send the tape to the Guinness Book of World Records. The old record, although not recorded by Guinness, was 165, set in Washington, D.C.

"We had one heck of an event," said Cryderman, "it looked virtually like one sold huge red rainbow."

Cryderman has made proposals to the economic development commission, the recreation department and the media regarding the mounting of the WBA competition in 1993. Positive response has been generated and he hopes that the townspeople's support of this record-seeking toss will help the WBA choose Chatham for the 1993 competition. For more information on the record-seeking mass toss or on the Canadian siting of the WBC, contact John K. Cryderman, 136 Thames St. Chatham, Ontario, Canada, N7L 2Y8.



Welcome to Postcards from the Edge (apologies to Carrie Fisher), a new feature dedicated to bringing your news about some of the more offbeat happenings in the boomerang world!

To inaugurate this feature, I figured I should inform you all about a most unusual boomerang feat that I accomplished recently. I have to admit that it was accomplished with a Darnell indoor Zoy, so maybe it isn't to be taken as seriously as if a full-fledged 20-meter boom had been used.

On the evening of June 17, 1991, during a lull in a most demanding game of Yahtzee (I was losing seriously) I was tossing my Zoy when, in an inspired moment, I took a stab at immortality, attempting what I believe may be the *first ever unassisted lipcatch of a boomerang*. Of course this is not a feat to be taken lightly. It demanded great concentration and perfect weather. Wind was negligible, temperatures were moderate, but a low ceiling promised to complicate the attempt.

After several unsuccessful attempts the historic catch was finally made. A wave of relief spread over me as I realized that I had finally accomplished the previously unconsidered!

The feat was witnessed by Rebecca Kelly, my wife (non USBA member unfortunately), who offered great moral support with encouraging comments like "do you have any idea how silly that looks?" and "are you going to roll or what?"

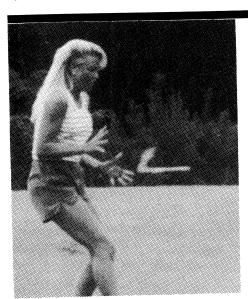
For those of you who may want to attempt this I have the following advice:

- 1. Set aside plenty of time it's not something you're likely to complete on your first few tries.
- 2. Don't attempt diving catches (are you listening Ben Owen?). While a dive could add drama to the catch, the combination of an open mouth and nearby furniture could prove disastrous.
- 3. Attempt this only with nice soft boomerangs.

To keep this feature here (and to justify the space this thing is taking up) I need to hear from others who are taking the sport to the edge! Which edge is not important. If you've attempted or completed (an attempt is good enough if the concept is far enough advanced) boomerang feats, designs, whatever you'd like to share, send me a postcard for the next issue. I only ask that your accounts be based on fact. I mean if you're claiming to have put all 157 boomerangs in your collection in flight at the same time (no fair throwing the bag!) then you should have really made a valiant attempt. Embellishments are of course acceptable. Send your postcards from the edge to: Dean A. Kelly 3350 Neef Ave. SE

Salem, OR 97302

★ President's Column ★



USBA president Betsylew Miale-Gix (photo by Todd McCandless).

Hello out there in Boomland. Thank you for the opportunity to spend another year at the helm. Your USBA leadership is at work on many projects to benefit the sport and that means all of you!

We are working on establishing the family and corporate memberships. The success of the corporate membership in particular is up to all of you. The benefits to the organization are the avenue it provides to inform more people in your workplace about the USBA and boomerang throwing. Interesting enough people or the ones who control the purse strings and sponsorship of tournaments throwers on the US team could be in the offing.

There will be benefits to the business as well. Our sport is generating increasing positive media attention and public interest. Also, the package may include an advertisement in the MHR as well as the opportunity for employees to compete in tournaments.

The Board, in conjunction with

an expansive rules committee, are working on rules changes to streamline, clarify and make more exciting the events held at tournaments. We are working on ways to adjust the ranking system to be more inclusive and fairer to participants at larger tournaments. This must be done, however, without penalty to those who compete in smaller tournaments or those who go for it, rather than playing it safe in their tournament performances. One shouldn't lose the benefit of points earned by good performances, should the conditions or other factors bring about a poor performance in one or another of the eight events.

Further, we are putting together a USBA insurance coverage deal that would be applicable to all official USBA tournaments and the Toss Across America. The USBA would be the named insured and the tournament directors and Toss hosts could purchase coverage for their events at a reasonable charge. This way some of you who have been dissuaded from hosting Tosses or directing tournaments in the past because insurance was required and too costly can forge ahead and *Just Do It!*

Germany will be the site of the 1992 Team Cup and Individual World Championships. The USBA is in the prow of forming the selection committee and Board members will be submitting their nominees.

Thanks to all of you who made 1991 a great year. More to come, as there are so many other topics to discuss and so little space.

Best to all,

Settle Male Cix



USBA Financial Statement for Fiscal Year 6/1/90 - 5/31/91

by John Flynn, Treasurer

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Interest income	\$456.51
Membership\$	2,640.00
USBA Store	\$347.20
1990 Auction (FY 90/91)	\$20.00
Donations (ITBC)\$	1,750.00
Miscellaneous	\$41.83
*Unaccounted	.\$447.00
Total Revenues\$	5,702.54
*Bank discontinued practi	ce of
returning deposit slips wit	
monthly statements, so the	ere is no
way to verify exact nature	of this
deposit. Most is believed	to be
membership revenue.	
memoership to voltage	

Evnences

Expenses	
MHR Newsletter	\$2,911.95
Membership	\$192.29
Phone expenses	\$371.19
Advertising	\$110.00
USBA Mailbox	\$28.00
CT. Non-profit Fee	\$20.00
Donations (ITBC)	\$1,700.00
Miscellaneous	\$50.00
Total Expenses	\$5 383 43
Total Expenses	ψ5,505. 15

Total Income (Loss) \$319.11

Balance change	Cash	Comp Fund	Total Assets
Starting Balance	\$6,691.45	\$800.05	\$7,491.50
1990-91 Activity	\$319.11	\$0.00	\$319.11
Ending Balance	\$7010.56	\$800.05	\$7,810.61



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USBA Information

The USBA provides services in addition to this newsletter. Various information listings can be obtained through the USBA headquarters. These include information on wood/ materials for making booms; domestic and international clubs; manufacturers and distributors of boomerangs; rules, regulations, and bylaws. A sample of catalogs by various distributors can be obtained by mailing \$2 to USBA headquarters. Domestic members are entitled to receive these listings simply by sending a SASE to USBA headquarters (Overseas members - please send \$1 for each listing required).

> USBA P.O. Box 182 Delaware, Ohio 43015

Membership Information

All membership dues should be paid by check or money order in \$\$USA\$\$. Make checks payable to: USBA. Domestic and Canadian memberships are \$10 per year or \$150 for life. Overseas dues are \$20 per year or \$250 for life. Check your newsletter expiration season/year which is printed on your mailing label. Mail all checks or money orders to the address below:

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