

The ATLATL

"Too long have I hunted mammoth alone!"
Rich McWhorter

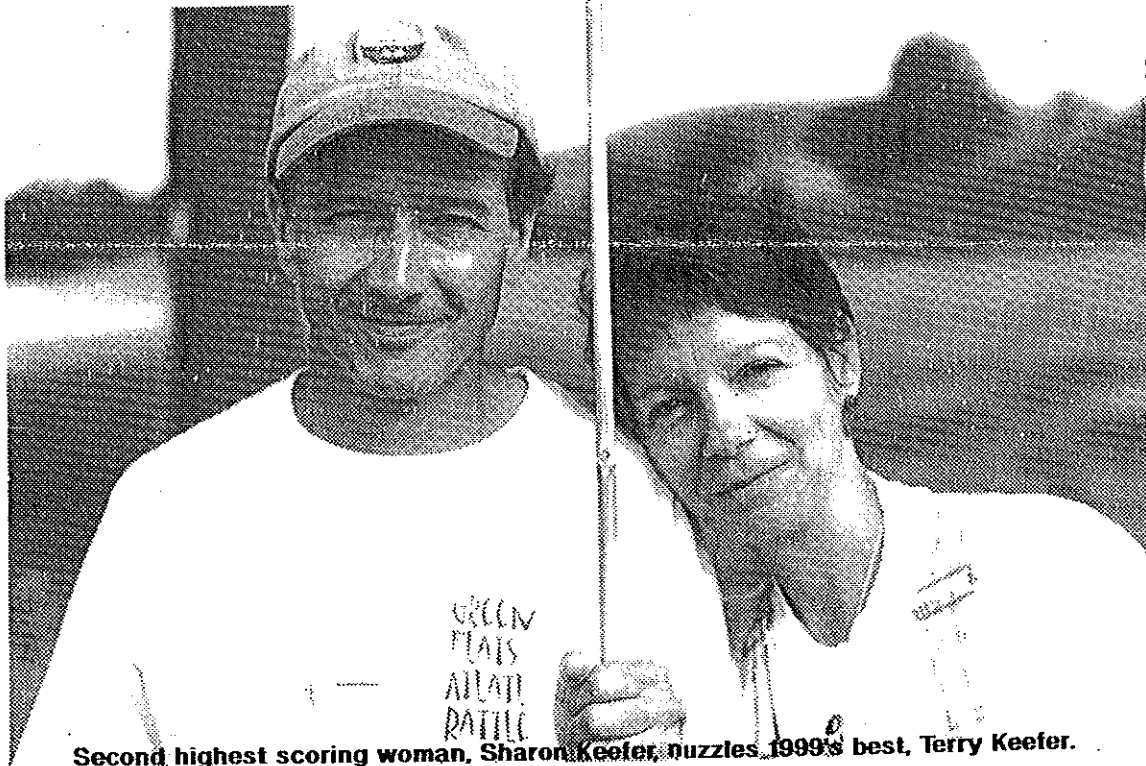
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BILL TATE, EDITOR

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TERRY KEEFER - BEST IN 1999 ISAC

By Lloyd Pine



Second highest scoring woman, Sharon Keefe, nuzzles 1999's best, Terry Keefe.

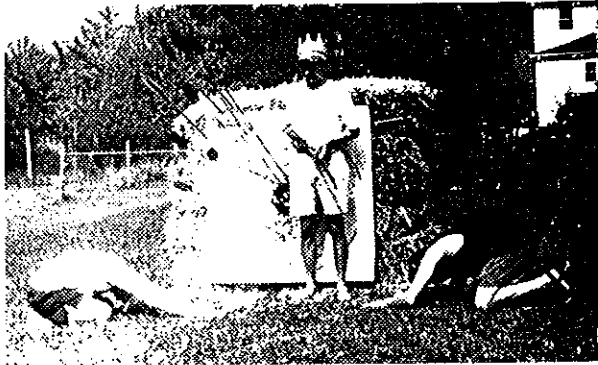
Photo by Bill Tate

Terry Keefe's world record score of 97-2X topped the second place tie of 1997's Champion, Ray Strischek, and that of 15 year old Doug Majorsky by 5 points. It was also 4 points higher than the top 1997 and 1998 scores, which were both 93-2X. Terry threw very consistently all year, with most of his scores being in the high 80s, and three in the 90s.

New world records were also set in the Women's and Youth divisions. Susie Brown won the Women's division with a 73, being closely challenged by Sharon Keefe's 71 and Melisa Dildine's 70. This is the first time since 1997 that any woman has thrown over 70.

Doug Majorsky led the Youth division with his 92-2X. Until Terry threw his winning score, Doug was tied with Ray Strischek for first in the world. Fourteen year old Gael Speckens was second with an 82, and 12 year old Thomas Chauvaux was third with an 80.

The overall increase in skill level in all divisions is really astounding. In the Men's division, 39 posted scores of 80 or higher. This is almost double the 21 scores this high in 1998. In 1996, there were only 2 scores in the 80s. The future looks very bright for even higher scores. Doug Majorsky and 15 year-old Bob Rowe (78-2X) graduate to the adult division this year. The number of contests reached a new high of 107 for the year, with the total number of entries at 1762. The best ISAC scores for 1999 follow:



1998 and 1997 World Champions, Gary Fogelman and Ray Strischek, pay homage to Terry Keefer, the 1999 Champion. (Photo by Chuck Butorajac)



Fifteen year-old Doug Majorsky, best of the Youth and tied for second overall. (Photo by Charlie Brown)

Final Results

Score	Equip.	Name	From
97-2X	P	Terry Keefer	Penna.
92-2X	P	Ray Strischek	Ohio
92-2X	O	Doug Majorsky (15)	Penna.
90	P	Gary Fogelman	Penna.
90	P	Bernard Ginelli	France
90	P	Denny Bard	Penna.
89-2X	P	Doug Miller	Illinois
89-X	P	Richard Lyons	Indiana
89	P	Pascal Chauvaux	Belgium
87-2X	P	Chris Pappas	New York

Women's Division:

73	P	Susie Brown	Colorado
71	P	Sharon Keefer	Penna.
70	P	Melissa Dildine	Penna.
68	O	Margie Takoch	Ohio
60	P	Catherine Cretin	France

59	O	Joanne Fogelman	Penna.
58	P	Aude Labarge	France
57-X	O	Courtney Birkett	Penna.
56	P	Kay Klein	New York
56	O	Judy Pritchard	Idaho
55	O	Anita Lukes	Indiana
54	O	Lori Majorsky	Penna.
53	O	Toni Roberts	Ohio
53	P	Myriam Rouves	France

Youth Division:

92-2X	O	Doug Majorsky (15)	Penna.
82	P	Gael Speckens (14)	Belgium
80	P	Thomas Chauvaux (12)	Belgium
78-2X	P	Bob Rowe (15)	Penna.
68	P	Jehan Speckens (14)	Belgium
64	O	Tommy Goble, Jr. (13)	New York
62	P	Paul Weigel (13)	Germany
61-X	O	Nicholas Mertz (10)	Illinois
61	P	Robin Morucci (9)	Italy
56	P	Curdin Foppa (15)	Switzerlnd
55	P	Tesha Keefer (11)	Penna.
51	P	Alex Pritchard (14)	Idaho
45	P	Nadine DeHart (14)	Penna.
43	O	Jimi Gilligan (14)	Michigan
40	P	Massimo Cappellini (14)	Italy
40	P	Keiko Long (10)	Wyoming



Top woman thrower for 1999, Susie Brown. (Photo by Charlie Brown)



ON TARGET

by Leni Clubb

Well, it looks like we all survived the Y2K "bug" ...at least you are reading this column, I hope. I had to write it in December to meet the deadline.

The revised official ISAC 2000 rules are ready for mailing upon request from organizers. Included in the packet will be a statement from Lloyd Pine regarding rule changes, hints on filling out score sheets, and a "statement of intent" to assist you in interpreting the rules of ISAC. Also included will be one copy of the official score sheet. We suggest that you use it as a master to make copies for use in the field, rather than making copies of copies of copies which become rather difficult to read.

Following this On Target report is a list of the persons who were presented with the WAA Grand Champion Award in 1999. This brass award plate is offered to organizers free of charge to help promote the atlatl and The World Atlatl Association, Inc. Contact me for further information on how to apply for one.

WAA had a really great year in 1999, with increasing membership, enthusiastic support from members, widespread interest in the atlatl, and new atlatl web sites. Thanks to all WAA members for making this organization something to be proud of.

1999 Grand Champion Winners

by Leni Clubb

Feb. 20	Ft. Loudon PA	Denny Bard
Mar 20	Ft. Loudon, PA	Gary Fogelman
Apr 3-4	Arvada, CO	Barry Kimball
Apr 18	Valley/Fire St. Pk. NV	Robert Hamilton
May 1	Ligonier, PA	Gary Fogelman
May 8	Blanding, UT	Robert Hamilton
May 14-15	Fort Osage, MO	Ray Madden
Jun 5-6	Curt Goudy St. Pk. WY	Jim Ray
Jun 19	Fremont Indian St.Pk. UT	Robert Hamilton
Jul 3	Alfedena, Italy	Pascal Chauvaux
Jul 10-11	Fannettsburg, PA	Doug Majorski
Jul 25	Douglas, WY	Charlie Brown
Jul 30	Hancock, NY	Terry Keefer
Jul 31	Franklin Grove, IL	Ray Strischek
Aug 28-29	Castile, NY	Doug Majorski
Oct 23	Arvada, CO	Ken Wee

Where there's a will

...I want to be in it!

I haven't lost my mind - it's backed up on disk somewhere.

CAHOKIA '99

by Ron Mertz

Highlights: Terry Keefer, from Pennsylvania, wins the Grand Champion Award. Doug Miller from Illinois scores an 89XX for the high score on ISAC. The West edges out the East in the new East/West competition.

Forty-eight individuals (including 9 women and 5 youths) from 16 states participated in the Missouri Atlatl Association's Third Annual Atlatl Competition at Cahokia Mounds World Heritage Site September 11 and 12. The competition was held in conjunction with the World Atlatl Association's Annual Meeting and with Cahokia Mounds' Annual Primitive Lifeways Festival.

In addition to the European Contest and the ISAC, we held an East vs. West Competition in celebration of the First WAA meeting held east of the Rocky Mountain states. Using the ISAC target, two sets of distances were established for contestants to throw from. Those throwers who had not scored 70 or better in an ISAC threw from 10, 12½, 15, 17½, and 20 meters. The better throwers threw from 10, 15, 20, 25, and 30 meters. Each scoring session consisted of 3 rounds for a total possible score of 150. Individuals were encouraged to throw at least 3 sessions with each person's highest score potentially contributing to the East/West score. Thirteen "westerners" and 28 "easterners" participated in the competition and the scores of the top 50% from each group were averaged to determine the champion region. The final score was West, 98.7; East 97.5.

On Saturday, the 3 highest ISAC scores were made by Gary Fogelman (83X), Russell Richard (82X), and Charlie Brown (80). On Sunday the top ISAC scorers were Doug Miller (89XX), Ray Strischek (89), and Terry Keefer (88).

There were a number of high scores on the European Contest. After the first day, Ray Strischek was ahead with a score of 51.0, Terry Keefer 50.8, and Jim Ray 49.2. On Sunday, Terry Keefer and Gary Fogelman, while competing together, had identical scores of 67.3. Sharon Keefer came in first among women throwers in both day's ISACs with scores of 71 and 67, and in the European Contests with scores of 17.0 and 31.2. Additional scores will be published in the MAA Newsletter.

We offer a special thanks to the Cahokia Mounds Gift Shop and to Larry Kinsella for donating prizes.

Did you know: Coca Cola was originally green?

ISAC Rule Changes for the Year 2000

By Lloyd Pine

The revised rules for 2000 are now available from the Executive Secretary. For the most part, competitors will not notice any of the changes. A statement of intent to help in the interpretation of the rules has been added. The rules committee is stressing the need for all contests in the world to be as identical as possible. If this is not done, the comparison of the scores becomes meaningless.

The new rules require that a line be used to mark the throwing distances. The contest is described as ten consecutive throws. This eliminates the 20 meter practice throw that crept into some contests last year. The committee does not care how people warm up and prepare for the contest. A "Robin Hood" rule has been added to address the case when a dart sticks into the end of a dart already in the target. Some other minor changes to clarify the wording have also been made.

The major changes, as usual, have been administrative in nature. Notice of all contests to be published in *The Atlatl* should be sent to the Executive Secretary, Leni Clubb, rather than to the editor, Bill Tate. Leni will now be the keeper of the official contest list. She will furnish Bill an up to date list at the time of *The Atlatl* deadlines. It should be noted that the deadline for any issue of *The Atlatl* is the 15th day of the month prior to the date of issue.

The new rules require that the date and location of a contest be published in *The Atlatl* prior to the contest taking place. Because of deadlines, printing time and mailing time, a contest scheduled for January must appear in the previous October's newsletter to ensure that the newsletter has been published prior to the date of the contest. The same is true for any contest that is scheduled for the same month that *The Atlatl* is to appear. We are not going to rigidly enforce this rule for the first quarter of 2000, but we will in the future.

There is still a way for contest organizers who have missed a publishing date to get their contest approved. It should be noted that this is not a "rubber stamp" to cover organizers who have not planned ahead. The request must be received by the Executive Secretary 45 days before the date of the proposed contest. It must be in writing and include an explanation as to why the contest cannot be rescheduled at a later time which could be announced in the next issue of *The Atlatl*.

The score sheets from 1999 were markedly improved over previous years. For the most part all of the required information was on the sheet and there were very few mathematical errors. The most common error was scoring an "X" as a 10 with a tiny x next to it.

When the score was totaled the "X" was often lost. The main problem is that legibility needs to be improved. The score sheets have to be in good enough condition that a readable copy can be made. This is necessary so that my records and those from the computer data set can be developed independently prior to any cross checking being done. We handled over 450 score sheets in 1999 and neatness really helps with both speed and accuracy.

WAA ISAC 19mm Dart Gauge

Dana Klein has come up with an ISAC Dart Gauge. This 1/16th inch thick, 1 7/8 inch (about 46 mm) square brass plate with a 19 mm hole is your personal gauge to measure dart diameter. Eliminate the guess work! Available for just \$5.99 including shipping from Dana Klein, English Pete Trading Company, 2 Main Street, Belfast, New York 14711.

President's Award

Below are excerpts from the 1999 President's Award presented to Pete Weimer of Fremont Indian State Park, Utah by President Charlie Brown:

Pete, if you'll remember, Troy Helmick started a new tradition two years ago by presenting a "President's Award" to Lloyd Pine at our annual meeting at the Valley of Fire Tournament. The purpose of the award was to honor someone that had made an outstanding contribution to The World Atlatl Association and it's purpose. In this case, Lloyd had provided the concept, rules, and procedures for ISAC. At our last year's annual meeting at the Aurora Spear Sling Fling Thing, the second annual President's Award was given to another outstanding, hardworking individual by the name of Ray Madden. Ray has become one of our great ambassadors of the atlatl with his famous "bucket of atlatls".

As President, I have the fortunate opportunity to pick another worthy individual for the 1999 President's Award. My selection is *Pete Weimer*. Your hard work and boundless energy has resulted in a truly wonderful contest at Fremont Indian State park, and your love of kids and the teaching about the atlatl has touched us all.

The award itself was a large framed trophy with color photographs and original poetry by Charlie Brown. One of the poems goes as follows:

Pete Weimer, the Ranger at Fremont Indian State Park
Is a friend of the thrower of atlatl and dart.

For Pete and his gang stage a contest each year
In a primitive setting with targets of deer.

It's a beautiful place where the ancient ones lived
With the targets all spread along Five-Finger Ridge.

The course is unique and some say the best.
It certainly provides a challenging test.

With steep hills to climb and deep valleys to cross,
With things in the way on near' every toss

And each year the contest gets tougher it seems,
With Pete's new innovations and outrageous schemes.

For myself, nice words are not usually spoken;
It's summed up with one phrase, "Another dart broken!"

And why do we subject ourselves to all of this,
Where there's a lot less hit and a lot more miss?

It's indeed the challenge, the fun that's at hand,
And besides the awards are the best in the land.

But let us put all the kidding aside,
Cuz of Pete's contest, I must confide

Is one that gets in your blood, one you have to attend
Where you throw side by side with all of your friends.

So let's honor the man, here's a toast to you, Pete,
For to make us all happy is no minor feat.

Pete, we thank you, we love you and have no fear,
For we'll all make it back to your contest next year!

You computer people should check out the following
site:

www.worldatlatl.org

LETTERS

Dear Bill,

I really want to thank you for printing the photo
in the October issue that Jack Rowell sent you of the
"Robin Hooded" dart. You don't know how
impressed, excited, and downright proud I felt and still
feel when I see it, especially in our WAA newsletter.

I would also like to add, *THE ATLTL* and
being a member of WAA has really changed my life,
all for the better of course. And if I may, I would also
like to thank everyone that I have met, and thrown with
over the summer, for being the most super groovy
people that I have ever met. Thank you all, you're the
greatest, and so is *THE ATLTL*. 'Can't wait to see
you all on Earth Day.

The one on the left, WAA Member #491,
Brandon Anderson, New York

(Ed. Comment. The following letter was in response to my
query as to why Kamikaze pilots wore helmets, asked in the
previous issue of *The Atlatl*.)

Hello Bill,

There are two reasons for Kamikaze pilots
wearing helmets:

1. To help assure safe arrival at a suitable target.
2. Their aircraft had no heaters. Keeping the
head warm helps keep the rest of the body
warm—including the feet. What kind of a Kamikaze
pilot would you have if he had cold feet?

I have a friend, Tose Nobe, who had an uncle
that was trained to be a Kamikaze pilot during WW II.
The uncle wore a helmet with built-in communication
headphones during training. The last time I talked to
Tosh, his uncle was still alive. The war ended before
the uncle was sent on a mission.

One of the things I am trying to figure out is, if
a fool and his money are soon parted, how did the fool
get his money in the first place? If I could figure that
out, it might save me a lot of work.

Kermit Wilkison, Doniphan, Missouri

Dear Leni,

I was saddened to read of your recent illness in
the WAA newsletter. I hope this finds you standing
tall with a spear thrower in hand. (Ed. Note: *Leni has
improved from her heart attack, and she is in twice
weekly exercise therapy. Throughout her ordeal she
continued most of her WAA responsibilities and even
added a few. That's one tough lady.*)

I'm sure you know of the excellent piece that
National Public Radio did on the atlatl, (I'm Doing it
Your Way). It was done on September 18th 1999, and
Ron Mertz, a WAA member from the St. Louis, MO
area was interviewed. When asked what the appeal of
the atlatl was, he gave a lovely answer: "What draws
people to it is the simplicity of the weapon." He also
said that the heavily armored Spanish were deathly
afraid of this Aztec weapon because it could pierce
metal. This is so dramatic that I use it in my
presentations to students.

Best Wishes, Midge

(*Marjorie (Midge) Crowley, a WAA member from
Beverly Hills, California is the author of a children's
book about a Cro-Magnon boy and his spearthrower.
She does workshops with children in mostly private
schools in the LA area.*)

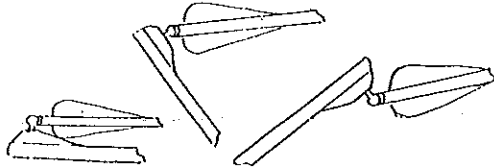
He who laughs last thinks slowest.

BALL AND SOCKET SPUR

By Wayne Brian

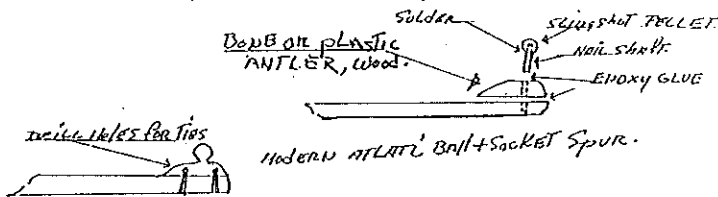
You might remember me as the long distance thrower of the early '90s, Guinness Book and all that, and still All Primitive Distance record holder. Now, with those credentials and a dollar I can get a cup of coffee about anywhere, but Starbucks. And it does not qualify me as an expert on anything. But, I do have something to share that I had not given much thought to until I received my Fall 1998 issue of *The Bulletin of Primitive Technology*. There was an article by Ray Striscek on atlatl spurs. [Ed. Note: The same report was printed in *The Atlatl*, January 1999.] His idea was to eliminate the adverse effect of the dart contacting the tip of the atlatl after it leaves the tip of the spur, causing, he says, clicks, hook, and snags. These problems cause flight irregularities by throwing the tail end of the dart off course. Ray has a lot of technical information on what takes place during the cast of the dart. I do hope you have a chance to read his article.

Now, I experienced all these problems in the early '90s, and in 1996, I solved the problem. "Ball and Socket." It's that simple. See Diagram below:



my design of full ball and socket.
allowing DART TO RIDE BALL SPUR
Smoothly through ENTIRE CASTING
MOTION, NO CLICK, NO HOOK, NO SNAG.

This eliminated all the unwanted contact with the end of the spur or atlatl. To summarize, I don't feel the need to hope my dart will ride the flat end of the spur as Ray's design requires, when it is not necessary. With the ball and socket, this dart starts the cast "on the ball" and finishes from the ball, nothing else. I suggest that you try them both and draw your own conclusions.



FOR PRIMITIVE ATLATLS.
CARVE SPUR AS SHOWN.
USE BONE, ANTLER, MAMMOTH IVORY.

Contact me with any questions and for a possible source of mammoth ivory (I'm serious!).

Wayne Brian (480) 491-4860; FAX (480) 491-1623

Atlatl Bibliography

by Lorenz Bruechert

The bibliography is now finished. The cost to purchase a copy is \$25.00 (U.S.) when mailed anywhere in North America and \$28.00 (U.S.) elsewhere. This includes shipping and handling costs. I am asking that people pay by using an international money order only, drawn on a Canadian bank, and payable in my name.

Libraries who wish to obtain copies of the bibliography using archivally-stable paper (acid-free) and ink will need to contact me prior to placing an order so that the necessary preparations can be made.

I will continue to update and improve the bibliography throughout the coming years, so there will be new editions to this bibliography in the next millennium.

European Landing Force Scheduled to Arrive in July 2000

by Jim Ray

As some of you may remember, a small group of WAA members from the U. S., the "Gang of Eight," toured southern France and competed in two European spear thrower contests in July 1998. We were very well treated and enjoyed meeting old friends (through correspondence) and new friends, as well. It was an experience that the eight of us will not soon forget! At this time, I am pleased to announce that the U. S. members will be getting an opportunity to reciprocate. Long-time friend and WAA member, Pascal Chauvaux, has informed me that he is organizing a "European Landing Force" (Pascal's term!) to tour the western United States and compete in three atlatl contests. The group of approximately 16 people is scheduled to arrive in July 2000 and will compete in the following events:

1. Montana Mammoth Hunt, July 15-16, in Montana City, Montana.
2. Foothills/Mountain Contest, July 22-23, at Curt Gowdy State Park, west of Cheyenne Wyoming.
3. Fremont Indian State Park Contest, July 29-30, in Sevier, Utah.

All three contests will be two day events with group meals in the evening, plus other activities as time permits. There will be a charge for all meals and a small entrance fee for some of the contests.

I will not list the names of all of the people planning to make the trip, but it will include Pascal Chauvaux and family, and Artist/Cartoonist Sonja Souvenir, all from Belgium. Sonja is the lady that designed the European contest targets, plus has illustrated several educational books on prehistoric life

(ask me to show them to you when you arrive at the contests).

These events will be a great opportunity to meet and compete with a fine group of people from France and Belgium. It could be a "once in a lifetime" event for most of us. Don't let this opportunity pass you by! Think now about planning your vacation to include these contests, plus a tour of the western states.

I am personally inviting every member to come and help make this a memorable occasion! We are expecting the best throwers in the world to attend.

For comments, questions, or more details, write or call "The Old Mammoth Hunter" at the following address:

Jim Ray, 437 Riceville Road, Belt, MT 59412
406-736-5274

**Results of the 11th Annual Montana Mammoth
Hunt Aflatl Contest of July 17 and 18, 1999**
by Jim Ray

On Saturday, July 17, during the Field Round portion of the Montana Mammoth Hunt, the darts were flying straight and true (at least some people's were). The Field Round consists of two rounds of throws from 14 and 40 meters (Buffalo Target), 16 and 60 meters (Musk Ox), and 18 and 75 meters (Bear Target), plus two throws of 10, 15, and 20 meters each at the Woolly Mammoth Accuracy Target. The results of the Field Round were as follows:

Men's Division

- 1st Place—Charlie Brown, Arvada, CO
- 2nd Place—Troy Helmick, Townsend, MT
- 3rd Place—Dean Pritchard, Boise, ID

Women's Division

- 1st Place—Susie Brown, Arvada, CO
- 2nd Place—Alex Pritchard, Gahanna, OH
- 3rd Place—Judy Pritchard, Boise, ID

Youth Division

- 1st Place—Autumn Waltee, Montana City, MT
- 2nd Place—Drew Waltee, Montana City, MT
- 3rd Place—Laura Funk, Montana City, MT

The competition for the mightiest Hunter Award was even more hotly contested than the Field Round. The Mightiest Hunter Contest consists of two throws each from 10, 15, and 20 meters at the Woolly Mammoth target. The top three place winners in the men's, women's, and youth divisions compete. The results were:

- 1st Place—Troy Helmick
- 2nd Place—Dean Pritchard
- 3rd Place—Charlie Brown

Organizing and conducting the contest seemed to be no distraction for Troy. His throwing did not

suffer in the least! As for Dean, recovering from a multiple bypass heart operation seemed to be no big deal either! A quote from Dean prior to the contest was, "Oh, I won't be able to throw very well!" A very close second place finish is very well indeed! For those of us not recovering from heart surgery, I can offer no excuses. It was a humbling experience.

After the awards presentation, several donated prizes were given away by raffle. A slide show, titled "Montana's Gatherers," was presented by Dr. Leslie B. Davis, curator of Archaeology and Ethnology for the Museum of the Rockies.

The event continued on Sunday, July 18, with a European style contest. The targets used were the European targets designed by Sonja Souvenir and generously provided by Pascal Chauvaux. The results of the contest follow:

Men's Division

- 1st Place—Charlie Brown
- 2nd Place—Jim Ray
- 3rd Place—Troy Helmick

Women's Division

- 1st Place—Judy Pritchard
- 2nd Place—Susie Brown
- 3rd Place—Alex Pritchard

Beautiful awards designed and printed by Dean Pritchard were given to place winners in all divisions. ISAC events were held both days.



Charlie shows us how. (Submitted by Dean Pritchard)

**ATLATL CONTEST IN TUCSON, ARIZONA,
MARCH 2000**
by Rich Lange

An official WAA competition will be held in conjunction with the Archaeology Expo 2000 to be hosted by the Arizona State Museum on the campus of the University of Arizona in Tucson. Dates and times of the Expo are March 18 and 19 (Saturday and Sunday) from 9 a.m. to 4 p.m. The competition will be held in an area north of the ASM north building.

Registrations for the competitions will be on-site, and will begin a 9 a.m. each day. The throwing course will be open for practice and demonstrations before and between the actual competitions.

On Saturday, the competition will focus on fun contests for all comers. Prizes will be awarded in several age and gender categories. The formal competition on Saturday will occur at 1 p.m.

On Sunday, there will be a fun competition at 11 a.m., and the formal WAA competition, an international accuracy contest, will be at 1 p.m. Prizes will again be awarded and cumulative point totals will be documented and forwarded to the WAA.

The site of the Expo is just inside the west main gate of the University of Arizona, at Park and University. Follow the signs on Fifth Street and on Speedway to find the Expo and parking. Free parking is available in most nearby streets and in the University of Arizona parking structures at Euclid and Second, and at Park and Speedway.

In Tucson, you should be able to find numerous motels at reasonable rates. The motel along the interstate are generally less than two miles from the University and represent all of the major chains. Try their 800 numbers. The Plaza International and Marriott hotels are very near the campus, but are more expensive. There are also numerous RV parks in the area, and camping is available in areas west of town (out toward the Desert Museum and Old Tucson) or in Catalina State Park north of town (\$10 for a tent site, \$15 with hookups). If you can use the internet, try: www.ci.tucson.az.us, look under Metropolitan Tucson Convention and Visitors Bureau under Places to Stay, and find Hotels and Motels or RV and Mobile Home Parks. Think about making reservations early as the U of A is hosting a men's NCAA basketball regional that weekend, and, obviously, although no teams have been selected yet, when they are chosen, rooms will go quickly!

For questions about the Archaeology Expo, call Rich Lange (520-621-6275) and for questions about the competition, call Albert Abril (602-265-0177).

BOSS Winter Count ISAC

by Jo Guill

Boulder Outdoor Survival School's *Winter Count* this year, will be held near Casa Grande, Arizona February 6 through 12, 2000. On February 12th an ISAC is scheduled. To reach the site from Tucson, take I-10 north to I-8. Take I-8 west to Exit 151. Proceed north on this road about one mile to Ralston Road. Take Ralston Road west for about a mile to Warren (be careful, it is very sandy). Take Warren Road five miles north to Winter Count.

From Phoenix, head south on I-10 to Exit 162. Proceed south on Maricopa Road (State Highway 347). At Century, head west to Warren. Continuing south, Winter Count will be on the east side of the road.

The cruise liner, Queen Elizabeth II moves only 6 inches for every gallon of diesel fuel it burns.

INTERNATIONAL AND STATE TEAMS

By Gary L. Fogelman

WAA executive secretary, Leni Clubb, asked me to present something at the annual meeting concerning the formation of State and International teams, and proposed scoring rules, which I did. Now listen up everybody, because this is how it is going to work. Maybe.

Actually, it's quite simple. Three times during the coming year the Europeans will choose an International Team of five men, five women, and five youths to throw for an International score. When this is undertaken will be entirely up to them. At the same time, in the United States, we will also choose three teams, one for the western section of the country, one for the central states, and one for the eastern states. Charlie Brown will be the point man for the western sector. I will serve the eastern sector and will need someone to represent the central sector. The sectors are loosely defined. I recommend picking the tournament where the greatest number of throwers represent the greatest geographical area. However, no one, regardless of where they are from will be barred from trying for the International Team. If someone wants to travel to where they know the International Team will be chosen, they may compete for the team. For example, here in the east, we may choose an International Team. Or it may be at Flintridge in Ohio. At any rate, once announced, anyone can then plan on getting there if they so desire.

How to choose the team? I believe it to be simple. Take the five highest scores in the daily ISAC, and they are your team. This way, on any given day, anyone can have a chance to throw for the International team and post a score. By the way, there are no awards involved at this time, and I don't feel that there need be. We'll simply do this and see how it works.

Now, the State Team scores. This will be up to each individual state. The idea is to get a team of five men, five women, and five youth, if possible, and do as above. After the ISAC, pick the top five and have them throw for a State Team aggregate score. This will be posted for future teams to try to beat. Charlie asked me if all members of the team have to be from the same state. My feeling at this time is, yes. If they can't muster enough talent, then get out there and do some recruiting. The state throw does not have to be in the state, it can be held at a meet in another state. Where it occurs is not important. The fact that all members are from the same state is important.

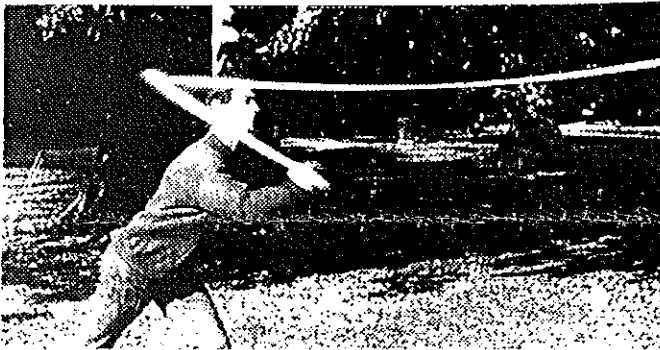
Everyone is urged to think ahead, possibly pick the event for the International Team and the State Team well in advance, and post it in the newsletter. Hey, it

may generate greater participation. Just think, you may get to throw on the International Team.

Any questions, comments, even criticisms, aim them here: Gary L. Fogelman, 245 Fairview Rd., Turbotville, PA 17772-9599 or call 570-4437-3698.

**Park du Musee Royal de Mariemont
Spearthrower Contest
By Pascal Chauvaux**

The next to last European spearthrower contest of the season was held on October 17 in Belgium. The selected place was a wonderful nature reserve called Park du Musee Royal de Mariemont. It was a sunny Sunday; a little bit cold at the start (34° F.), but so pleasant in such a nice place. In the afternoon, the public was invited to put their skills to practice. Again, a great day for the recognition of our hobby! No ISAC was held.



Steve Cabaraux will be a member of the European Landing Force next July.



Lina Weigel - The youngest thrower at the meet - age 8.

1. Pascal Chauvaux, Belgium	24	65
2. Steve Cabaraux, Belgium	21	55
3. Wi Weigel, Germany	17	55
4. Johann Tinnes, Germany	18	43

5. Paul Weigel, Germany	17	38
6. Thierry Gillain, Belgium	15	40
7. Frank Reusen, Belgium	15	32
8. Jene-Paul Rebatlet, France	13	23

**Candor, New York Fall Festival ISAC
and Contest Results**

By Bob and Cheryl Berg

The event took place at the Fallow Hollow Deer Farm, just outside the Village of Candor, New York. Atlatlists from New York, Pennsylvania, and Ohio competed in the two-day event. The weather was calm and dry the first day, October 9. The second day, October 10, was a little less cooperative, with rain and MUD! The hardy group of atlatlists stuck it out (literally in some cases, as they stomped through the mud) both to compete in the various contests and to let visitors try the atlatl first-hand. Contest results follow:

October 9 ISAC

Top scoring men were:

Bob Berg, Candor, NY	86
Brandon Anderson, Waverly, NY	82X
Jack Rowe, Sayre, PA	82

Highest scoring women were:

Missy Dildine, Sayre, PA	56
Dana Klein, Belfast, NY	52
Kay Klein, Belfast, NY	50

Top scoring youth were:

Tommy Goble, Jr., Waverly, NY	53
Rob Rowe, Sayre, PA	50X

October 10 ISAC

Top scorers were:

Chris Pappas, Hancock, NY	85X
Bob Berg, Candor, NY	76X
Missy Dildine, Sayre, PA	70

Local Contest

Jack Rowe of Sayre, PA narrowly edged out Chris Pappas of Hancock, NY for the Grand Champion award for the Candor Fall Festival contest. The two tied at 108 points, with Jack winning the tie breaker. Brandon Anderson of Waverly, NY came in third with a score of 100 points.

A few very hardy atlatlists joined Bob Berg on a deer hunt, both days, on a 120-acre site set up by Fallow Hollow Deer Farm owners, Brian and Martha Goodsell. The elusive Fallow Deer made the hunt both exciting and unsuccessful. While there were a few close shots, one narrowly missed by George Burnett, it was not an easy hunt. Fallow Hollow Deer Farm invites other atlatlists to try their hunting skills. For

further information, contact Bob Berg at 800-836-4520. For the record, Bob Berg was finally successful in his pursuit of a Fallow Deer on his fourth foray into the Fallow Hollow properties.

Letchworth Contest Results

By Cheryl Berg

The annual Eastern Seaboard Atlatl Contest held at Letchworth State Park in Castile, New York in August featured beautiful weather, great flintknapping, and wonderful atlatl camaraderie! Of course, the highlight of the weekend was the championship scores from Terry and Sharon Keefer. Congratulations Keefers!

The local contest spanned two days, with a number of contestants trying their skills on ten targets spread at varying distances at the Letchworth range. Contestants could attempt the course as often as they wished. Their best score was used to determine the contest winners.

Doug Majorsky came in first with 96 points in the Men's competition. Doug won the Grand Champion Award for his amazing efforts! Terry Keefer followed closely behind with 95, and Chuck Butorajac came in third with 94 points.

In the Women's contest, Sharon Keefer won first place, with 72 points. Second place went to Missy Dildine, with 60, and third place was awarded Lori Jajorsky, with 60 points.

In the Youth competition, Tesha Keefer won first place, with 43 points and Nadine DeHart took second place, with 32.

As in past years, the money collected to enter the contest (\$2 per contestant) was used to purchase prizes from the vendors attending the show. The vendors were very generous when they found that the items were being purchased for the atlatl contest winners. We thank them for their support!

Pennsylvania Championship

by Chuck Butorajac

The 1999 Pennsylvania Championship was held on September 18 and 19 on a 112 acre farm in the boonies of southwestern PA. We were blessed with mild temperatures and sunny weather. The competition consisted of 3 consecutive throws at each of 7 targets set at 8 to 22 yards. Contestants could throw the course as often as they wished and submit only their best score. Eighteen people participated and threw a grand total of 3,696 throws.

Ray Strischek took first place, with Gary Fogelman and Chuck Butorajac tying for second. The lengthy playoff gave the nod to Gary Fogelman for 2nd place. Sharon Keefer beat out Lori Majorsky's 2nd

place score and Johanne Fogelman's 3rd. The Youth division was dominated by Doug Majorsky, with Tesha Keefer and Cody Herman in 2nd and 3rd place, respectively.

Top ISAC scores were: Ray Strischek 92X, Doug Majorsky 91X, Terry Keefer 87X, Gary Fogelman 85XX, Jeremy Bard 85, and Chris Pappas 84X.

A word of Caution! We had two experienced throwers lose valuable points in the ISAC by stepping over the line markers while throwing. This will become more of a concern with the year 2000 rules.

A PLACE IN THE SUN

by Bill Tate

The Cat's out of the bag! WAA Executive Secretary Leni Clubb knows about the planned surprise atlatl competition to be held in her honor at Ocotillo, California February 5-6th. This spot on the map - almost - is located on I-8 in the extreme south-central part of the state some 26 miles west of El Centro, which, by the way, is the best place for a motel. Either the John Jay Best Western (760 337-8677) or the Ramada Inn (760 352-5152) are suggested by Leni. There are others including a Motel 6 and a Days Inn as well. Should you plan on camping at the Ocotillo Community Center, Leni will have the keys to the Center, which will permit use of toilet and kitchen facilities.

On Sunday, the 6th, we will be treated to a tour of a nearby geoglyph site. Geoglyphs as most of you know are figures and patterns similar to the Nazca lines in Peru. They are usually made by prehistoric people disturbing the natural surface such as by moving rocks aside. Leading the tour will be archaeologist Jay von Werlhof, Director of the Imperial Valley College Desert Museum.

So drop what you are doing, and come on down. Where better to spend what could be a cold snowy, winter weekend, than this Place in the Sun.

Another new and interesting link on the web comes to us from Erik Batzloff, (the No Bear). Contact Erik at nobear@earthlink.net. As he says, "Live on the edge. The center is pretty crowded!" Lots of interesting subjects, including atlatl material, is shown and discussed here. They call their group, The Nevada Chapter of the Coalition of Historical Trekkers. Look them up. You'll be happy you did.

The Illinois Atlatl Association plans for June 9-11 and Aug. 4-6 listed on the Atlatl Events page include only ISAC on the first day, and then only if sufficient interest is shown.. Check with Don Asp.

Pictures from the 19th and final European competition of the year held at Bougon, Deux-Sevres, France at an archaeological park called Musee des Tumulus de Bougon. The largest tomb in the site is 72 meters long and is pictured behind the throwers below. Photographs submitted by Pascal Chauvaux.



L to R: Thomas Chauvaux, Sylvie Deguillaume, Carine Billon, Emmanuel Demoulin, Jean Speckens, Martin Chauvaux, Bernard Ginelli, Pascal Chauvaux and Jockues Pernaud.



Alexandre Debals is the youngest of our young - 4 1/2 years.

MORE LETTERS AND MISCELLANEOUS STUFF

Hi Bill and Marcia,

Bill, thank you for a newsletter packed full of good reading. When we get one of these, the remaining mail is put aside until we at least glance through the newsletter, and then we read every word later. And, Marcia, we are enjoying your article on the atlatl. Also, Charlie and Susie have done a wonderful job putting photos and information on the web for all of us to enjoy. All of you work so hard.

Sharon Keefer

[Ed. Note: It is always nice to hear that the newsletter is being read and enjoyed.]

A new book is available from Bois d'Arc Press, PO Box 233, Azle, Texas 76098. This *Encyclopedia of Native American Bows, Arrows & Quivers* by Steve Allely and Jim Hamm will be especially interesting to those in the northeast, southeast and midwest part of the country. Almost a hundred historic bows, scores of arrows, and more than a dozen quivers from 38 tribes are illustrated. Beautifully detailed full-page pen and ink drawings give dimensions, decorations, and construction details.

Several years ago, we published excerpts from the publication: *Throwing-Sticks in the National Museum* by Otis T. Mason. This pamphlet is a part of the *Report of National Museum 1884*, and contains many well-executed drawings of various Arctic throwing boards (atlatls) collected in the 19th century and earlier. Ted Bailey informed me in early October 1999 that Shorey's Book Store at 1109 N. 36th St., Seattle, WA 98103 had a few reprints of this valuable publication for sale for about \$3.95 plus shipping.

If we only had color, we could show you the Ohio Atlatl Association's beautiful new flag designed by member Bob Hunt. It was on display at the Flint Ridge competition in September. Picture the main body as green to represent earth, the vertical stripe on the right is red for Native Americans. The horizontal stripe at the top is yellow for Asians. A black horizontal stripe along the bottom represents Africans. The vertical white strip on the left represents Caucasians. The OAA logo design was originated by Charles Spear of Pena, Indiana and is used on the OAA newsletter, *The Dart*.



The family that throws together grows together.

NEW ARCHAEOLOGICAL FIND IN FRANCE

From Pascal Chauvaux we hear that a French archaeologist has found what appears to be a broken fragment of a spearthrower made of antler. This item, described as the distal end was carved in the shape of a bison, comes from the Magdalenian level of Troubat Cave in the French Pyrenees along the French/Spanish border. As is normally the case with new finds, a considerable amount of study is necessary before details will be released to the public. We expect to get more information on this find later in the year.



Jim Ray and Troy Helmick set up a target. (Submitted by Dean Pritchard)



The Amentum

by Bruno Morucci

These photographs depict a second century's Roman soldier using a medium weight spear named an *amentum*. These spears employed a thrower made of a leather thong fixed or rolled onto the shaft. The system is similar to the spearthrower (atlatl) but there is one major difference. The *amentum* is a flexible thrower. It will double the range of hand-thrown spears from 30 to 60 meters. The *amentum* is mentioned by Julius Ceasar in his *Commentari*. The photographs were taken on an ancient bridge in Rome.

Reconstruction and photographs by Bruno Morucci of Italy. Historical research was done by Pascal Chauvaux, Belgium, and Christian Normand, France. A special thanks to Mario Janni, the Roman Centurion. [Ed. Comment: In further communications from Bruno, he indicated that there were experiments made by a French archaeologist in 1884. Further, he explained that the spear point used here was too light weight for good results, but served for the photographic exhibit. Bruno plans additional experimentation with the *amentum* and will keep us informed on the results.]



From Pascal Chauvaux of Belgium. My son Martin came home from his school library the other day with a comic strip depicting an atlatl. We were amazed! The series is Bob et Bobette, titled Le cheval d'or by Willy Vandersteen. The publication date was 1989. The line in the cartoon simply says: "...and directs his javelin toward our friend who absolutely doesn't suspect the danger that he runs."

ATLATL EVENTS AROUND THE WORLD - 2000

- Jan 22 Atlatl & Dart Making Workshop at Pueblo Grande Museum in Phoenix, AZ. Contact the Museum at (602) 495-0901.
- Jan 22 Bundle Up and Throw ISAC and Local, in Ligonier, PA. Contact Chuck Butorajac (724) 238-6878.
- Feb 5 Finger Freezing ISAC and Local Contest in Ligonier, PA. Contact Chuck Butorajac (724) 238-6878.
- Feb 5-6 A Place in the Sun. Ocotillo, CA. Atlatl contest and ISAC in the desert. Contact Charlie Brown (303) 421-0035 or sazi@prodigy.net
- Feb 2-12 Winter Count with ISAC (Atlatl Competition on the 12th) Near Casa Grande, AZ. Contact Dave Wescott (208) 359-2400 or dwescot@aol.com
- Mar 4 Give Me a Break ISAC and Local Contest. Ligonier, PA. Contact Chuck Butorajac (724) 238-6878.
- Mar 5 Chelsea Rod & Gun Club Tournament with ISAC, 8 a.m. Chelsea MI. Contact Jim Gilligan (810) 231-2314 or atlatl@ismi.net
- Mar 18-19 Arizona State Museum Archaeology Expo 2000, includes ISAC. On the campus of the University of Arizona in Tucson, AZ. Contact Rich Lange (520) 621-6275 for information on the Archaeology Expo, and Albert Abril (602) 265-0177 for the competition.
- Mar 25-26 Pueblo Museum Traditional Technology Weekend Fun Contests and ISAC in Phoenix, AZ. Contact Albert Abril (602) 265-0177 or ajabril@uswest.net
- Apr 1-2 April Fool's Atlatl Throw & ISAC at Charlie Brown's residence in Arvada, CO. Contact Susie or Charlie Brown at (303) 421-0035 or sazi@prodigy.net
- Apr 6-9 North Georgia Knap-in and Atlatl Contest, Contact Mark Bracken (770) 345-7305 or Bob Berg (607) 687-3854 or courier@pronetisp.net
- Apr 8 Rain or Shine ISAC and Local in Ligonier, PA. Contact Chuck Butorajac (724) 238-6878.
- Apr 9 Michigan Flintknappers Tournament with ISAC, Chelsea Rod & Gun Club, Chelsea, MI. Contact Jim Gilligan (810) 231-2314 or atlatl@ismi.net
- Apr 21-22 Earthday Gathering and Mastodon Open, EMC Club, Waverly, NY. Contact Jack Rowe (570) 888-8258, or Bob Berg (607) 659-5967 or courier@spectra.net
- May 7-8 Keefer's Place Atlatl Tournament, 8315 Sweetwater Rd., Ft. Loudon, PA. Contact Terry Keefer (717) 349-2262 or tkeefer@cvn.net
- May 13-14 Tentative! Local contest and ISAC at Spring Festivals in Candor and Nichols, NY. Contact Bob Berg (607) 659-5967 or courier@spectra.net
- May 27 Spring Fling ISAC and Local in Ligonier, PA. Contact Chuck Butorajac (724) 238-6878.
- May 27-29 Memorial Day Weekend - Three day Atlatl Extravaganza with ISACs. Wilder Creek Conservation Club, Marshall, MI. Contact Jim Gilligan (810) 231-2314 or atlatl@ismi.net
- Jun 9-11 Illinois Atlatl Association Contest, European and ISAC, at Franklin Creek Historic Site, Franklin Grove, IL. Contact Don Asp (815) 456-2305.
- Jun 16-17 World Atlatl Association Annual Meeting and Fremont Indian State Park Annual Contest with ISAC, Sevier, UT. Contact Pete Weimer (435) 527-4631.
- Jul 4 The Fourth of July Atlatl Contest and ISAC at Candor, NY. Contact Bob Berg (607) 659-5967 or courier@spectra.net
- Jul 8-9 European Championships at Abruzzo National Park. Contact, Bruno Morucci arca@fivenet.com
- Jul 9 Chelsea Rod & Gun Club Tournament, 8 a.m. Chelsea, MI. Contact Jim Gilligan (810) 231-2314 or atlatl@ismi.net
- Jul 15-16 Alder Acres Atlatl Tournament and Morning After ISAC. Lorraine, NY. Contact Roger Klindt (315) 639-6293, or mammothdoc@juno.com
- Jul 15-16 Montana Mammoth Hunt and ISAC, Montana City. Contact Troy Helmick (406) 266-3398 or Jim Ray (406) 736-5274.
- Jul 22-23 Foothills/Mountains Atlatl contest with ISAC at Curt Gowdy State Park, Wyoming. Contact Russell Richard (307) 347-4360.
- Jul 29-30 Fremont Indian State Park Special European Throw with ISAC, Sevier, UT, Contact Pete Weimer (435) 527-4631.
- Aug 4-6 Illinois Atlatl Association Contest, European and ISAC, at Franklin Creek Historic Site, Franklin Grove, IL. Contact Don Asp (815) 456-2305.
- Aug 18-19 Great Lakes Primitive's Summer Gathering, Bois Blanc Island, MI European and ISAC, 2:00 p.m. Contact Jim Gilligan (810) 231-2314 or atlatl@ismi.net
- Aug 25-27 Stonetool Technology Show and Eastern Seaboard Atlatl Contests with ISAC at Letchworth State Park, Castile, NY. Contact Bob Berg (607) 659-5967 or courier@spectra.net

- Sep 9-10 Cahokia 2000 with ISAC. Cahokia World Heritage Site, Collinsville, IL Contact Ron Mertz (314) 822-2514 or rmertz@dtd1.sllllllps.k12.mo.us
- Sep 10 Michigan State Atlatl Championship and ISAC, 9:00 a.m. Chelsea Rod & Gun Club, Chelsea, MI. Contact Jim Gilligan (810) 231-2314 or atlatl@ismi.net
- Sep 30, Oct 1 Pennsylvania State Championship and ISAC, Ligonier, PA. Contact Chuck Butorajac (724) 238-6878.
- Oct 14-15 Candor Fall Festival Atlatl Contest and ISAC, Fallow Hollow Deer Farm, Candor, NY. Contact Bob Berg (607) 659-5967 or courier@spectra.net
- Oct 28-29 All Hallow's Eve Atlatl Throw & ISAC at Charlie Brown's residence in Arvada, CO. Contact Susie or Charlie Brown at (303) 421-0035 or sazi@prodigy.net
- Nov 4 Icicle Contest with ISAC and Primitive Apparel Fashion Show, Tioga Park, Nichols, NY. Contact Bob Berg (607) 659-5967 or courier@spectra.net
- Nov 26 Last Gasp Atlatl Tournament with ISAC--starts at noon, Brighton, MI. Contact Jim Gilligan (810) 231-2314 or atlatl@ismi.net

*Note, the Secretary for European Championships is Pierre Matheus, Rue Haie Delle Praye, 15, B4671 Saive, Belgium, Telephone (32) 43 62 14 14. You can also contact Pascal Chauvaux, Rue Au dela de l'Eau, 3 B-5630, Cerfontaine, Belgium - Telephone: (32) 71 64 34 16 or pascalC@swing.be for assistance, as well.

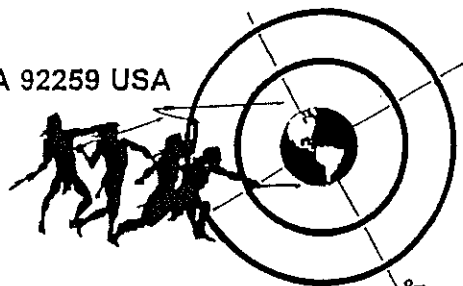
Please send dates of atlatl events for inclusion here to the WAA Secretary, Ms. Leni Clubb, See address on back cover. Keep submitting your reports, cartoons, and suggestions to us. Your editor can be reached by FAX at (303) 755-1145, or mail at 1390 S. Paris Court, Aurora, CO 80012, phone (303) 755-5591, or by e-mail: atlatl@mho.net

We regret any errors in the listing for Events Around The World, but occasionally we receive wrong or confusing information and sometimes we just plain make mistakes. Please help out your poor old editor, and proof-read submissions. Make sure that the event's date coincides with the

days indicated, that you name the competition or event and include the location where people can find you. Give a good phone number and the event's contact person's name. If what you are submitting is a correction, please so state. Everyone will be happier if you follow these instructions.

MEMBERSHIP IN THE WORLD ATLATL ASSOCIATION IS JUST \$10.00 PER YEAR, FAMILY: \$15.00. CANADIAN AND FOREIGN MEMBERSHIPS: \$12.00. SEND ALL INQUIRIES AND DUES TO WAA SECRETARY.

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