

The ATLATL

"Too long have I hunted mammoth alone!"

Rich McWhorter

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Salut et Adieu!



Clockwise from lower left corner: Emmanuel Demoulin, Jean Jaques Durancet, Andre Robert, Jean-Baptiste Eyherabide, Benoit Debals, Carine and Pascal Chauvaux, and Marie-Jeanne Robert.

The ELF (European Landing Force) departs with many fond memories and many new friends. Below are some of the comments sent back to us from Pascal and Benoit. These do not fully express their emotions from this "trip of a lifetime," but we in the "Gang of Eight" who made a similar pilgrimage to Europe a couple of years ago understand the feeling. It is our hope, now that the bridge has been crossed both ways, that many others will traverse it. We understand that there were problems experienced by our European friends - the heat, the wildfires, lost luggage and atlatl equipment, but found, were memories, friends, and new experiences. This worked both ways.

Erik Batzloff who spent the final days with the group, in discussing his appreciation of our European guests, said it best. "We have a saying among the Mountain Men. Some people have

'grit.' Most do not. 'Grit' is the ability to deal with the adverse conditions in a positive way. To take what the Great Spirit hands you and handle matters. To do well under pressure. To have fun no matter what. Pascal, Carine, Jean-Baptiste, Brigitte, Andre, Jean Jacques, Benoit, Marie-Jeanne, Sonja, Emmaneul, Steve and Anne-Francoise... You've all got 'grit'!!!!

From Benoit, alias 'Ben,' *"I send you a big hello, and a real thank you for the good time spent in the United States this summer. Our trip was great even if it was so hot, and you were all a big part of the success of this journey!"*

From Pascal, *"We had a little idea of your kindness through your e-mails, but it seems to us that it was dim under the reality. You are nice people, and it is difficult for us to find precise words to express our gratitude. The lack of vocabulary is cruel, but be sure that we consider ourselves fortunate with our trip and with the people we met. We have to say thank you to everybody, and we already miss you."*

Below are some of the memories we take with us...



Atlatl Hunters of the Sierra Madre Oriental (Mexico)

by Dr. Wm. Breen Murray and Lic. Hector Lazcano
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Campbell Grant's *Rock Drawings of the Coso Range*, 1968 provided the first systematic record of atlatls depicted in rock art. Grant also demonstrated some of the unique analytic opportunities this motif offers, one of which is comparison. Besides the Coso examples, Grant mentions, but does not discuss at least two other areas in North America where atlatl petroglyphs also occur: The San Juan River drainage in southern Utah, and west Texas – particularly the Lewis Canyon area.

On this occasion, I will discuss their occurrence in a fourth area about which I have reported in several earlier ARARA (American Rock Art Research Association) presentations (Murray 1982, 1988, 1999a), a cluster of eleven rock art sites about 300 km. south of the Texas border in the Sierra Madre Oriental of northeastern Mexico. My focus is not precisely comparative, but rather methodological. I will report on field simulations which permit comparisons by taking into account the characteristics of the terrain and the weapon itself.

Northeast Mexican rock art apparently spans at least 8000 years of human occupation and is the product of several chronologically separate traditions (cf. Olson 1998; Sayther 1998; Turpin et al 1998; Valadez 1999: 93-99). Atlatl representations are a prominent motif of one of these traditions which features hunting motifs often carved on a large-scale using a very distinctive incised relief technique. Motif associations identify both the prehistoric hunter's tool kit as well as their principal prey: the whitetail deer. The atlatl petroglyphs evidently identify the hunter's weapon. But why were they carved? What purpose do they serve? What do they mark in the hunter's landscape? These are the elements I will consider.

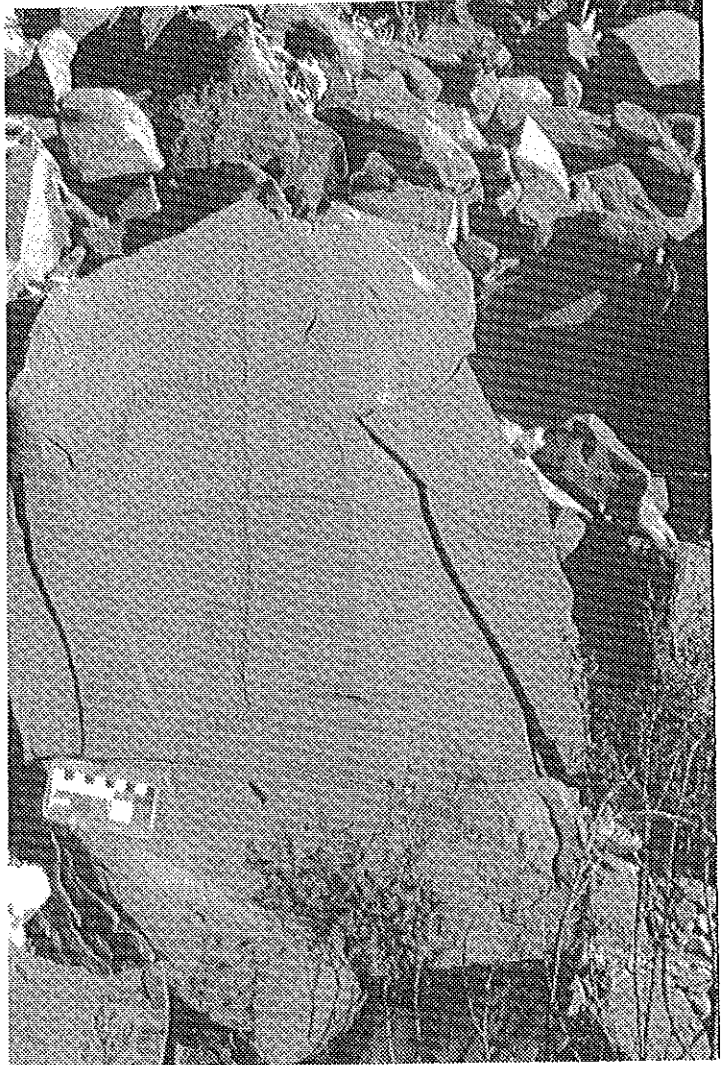
Like most researchers of his generation, Grant focused primarily on rock art iconography rather than the natural setting. For the Coso Range, he established a three-fold typology of the atlatls depicted, based primarily on the variable positions and combinations of the counterweights (or bannerstones) on the atlatl shaft. Grant debates whether they are "charm-stones" or a functional part of the weapon, but he apparently never made field tests at real sites to resolve this question.

More recent archaeological finds and replicative experiments (cf. Baugh 1982; Dickson 1985; Raymond 1986) add new information to the picture. Among other things, they confirm that Grant's typology reflects a basic fact about atlatls. Despite their simple design, no two atlatls are exactly alike. The atlatl is always a personalized artifact; each hunter made his own, and they vary in size, weight, material and design. Each of these variables also modifies their performance as hunting weapons within certain limits, but rather than a steady evolution toward greater technical efficiency, as some earlier investigators (cf. Webb 1957) supposed, these variations more likely reflect the personal attributes of each hunter and adaptations to specific

hunting requirements. This, at any rate, appears to be the case at the northeast Mexican sites where a type of atlatl unrecorded by Grant appears prominently.

The basic atlatl type illustrated in the northeast Mexican petroglyphs has a hook at the butt of a shaft and a side loop grip (either left or right) for the throwing hand. To this one or two round counterweights are sometimes added at the middle of the shaft, producing a model practically identical to Grant's type 2 atlatls in the Coso Range.

The most frequently shown type, however, is an atlatl which shows either a curved wing-piece or a flat blade at the position of the counterweight. At first glance, these "winged" atlatls look something like an atlatl/bow-and-arrow



"Winged" Atlatl

combination. To the best of my knowledge, no such artifacts have ever been recovered archaeologically, and how they actually worked remains purely speculative at this time. For the moment, the petroglyphs are the only testimony of this unique weapon, possibly a local invention to meet particular hunting conditions in this part of the Sierra Madre Oriental.

Superpositions over earlier carvings, particularly dot configurations, indicate clearly that the atlatl hunters were late

arrivals. In nearby Texas, the bow-and-arrow appears by about A.D. 500, but the atlatl continues in use for some time after. Turpin (1992: 308) places it and other hunting motifs at Lewis Canyon (Texas) from the late Archaic to the Late Prehistoric periods, and a similar date may well be applicable at the northeast Mexican sites. If so, the "winged" atlatls may truly be a transitional stage between the two weapon types.

Whatever their date, the hunting petroglyphs occur only at particular locations. Of the fifty or more sites recorded in this region, only 11 have atlatl petroglyphs, and their natural setting defines the hunting tradition just as much as technique or motif repertory. They are always carved on prominent rocks overlooking a water source (sometimes still active) – springs, stream courses, or shallow ponds – which would naturally have attracted prey animals.

At each site, the atlatl petroglyphs are grouped on panels or clustered on adjoining rocks, each within eyesight of the other. To use Hartley and Wooley Vawser's term (1998:199), they establish a "viewshed" at places which provide ample rock cover and commanding position over the water source. Often, the adjacent terrain limits escape and completes the natural trap. In short, the sites look like perfect places where atlatl hunters could have successfully ambushed their prey.

I first noted this pattern in the early 1980s at San Bernabe (N.L.) (Murray 1999a). Petroglyphs at this site were densely clustered around a natural spring at the head of a kilometer-long corridor canyon. In this case, the spring is the lure, and the adjacent canyon a natural trap which limits escape. The atlatl petroglyphs are all located within striking range just above this target area, and surface finds of projectile points confirmed use of the surrounding rocks as hunting blinds.

To test this possibility more systematically, simulated throwing experiments were conducted at several other sites using a replicated atlatl like one found in Texas. Of course, these tests are only a rough approximation of prehistoric hunting conditions. Many of the sites have been substantially altered both by natural changes and modern use. Tests could not be carried out at San Bernabe, for example, because recent construction of a toxic waste facility destroyed much of the earlier context and access to the area is now severely restricted. Likewise, our darts were made of wood rods rather than native carrizo and did not use stone points, nor did our atlatl throwers have any special skill or prior experience. Our simulations must therefore be considered a very minimum level test of atlatl performance. Even so, the essential topography remained the same, and our throwing experiments showed that the atlatl petroglyphs consistently marked places at or near where an armed hunter would maximize his advantages. They worked very well as a locational system for coordinated ambush hunting.

An ambush strategy is optimal for atlatl hunting because it compensates for the limited range of the weapon (about 40-50 meters) by taking full advantage of the terrain. In this sense, atlatl hunting is rather different from rifle or bow-and-arrow hunting where greater force makes distance less important. Atlatls are most effective when several hunters shoot simultaneously at a fixed target area. This requires coordinated action from pre-established attack positions. Rock blinds can provide further cover and would also compensate for another

disadvantage of the atlatl noted by Raymond (1986) by hiding the vigorous physical movement required to throw the dart from view. If cross-fire positions from different angles are established, the chances of success are further increased.

Our throwing tests identified some other strategies which increase the atlatl's force and distance. We found that if an atlatl hunter throws from a position above the target, gravity increases the force of the throw considerably, and the slope angle brings the target area closer to the hunter. At the same time, the thrower is more likely to have a clear open shot with no brush or shrubbery between the hunter and the target, thus compensating for another of the atlatl's limitations. Because of their lower velocity, atlatl darts are practically useless in denser vegetation (Tallman 1992).

Two inter-visible sites, Canon de El Delgado canyon and Puerto El Indo (N.L.), both located about forty kilometers south of San Bernabe, show how the ambush strategy and the atlatl marking system fit together in a landscape where we were able to carry out field simulations.



At El Delgado canyon, the atlatl petroglyphs are clustered on rock panels on opposite sides of a canyon mouth which has a still active spring at its head. Construction of an access road modified the rock crest on one side, but the atlatl petroglyphs are located on both sides above this spring and mark easy cross-fire positions over the target area, as our

throwing experiments showed. The Canyon's steep walls make flight from the trap more difficult and pursuit leads into a two-kilometer long corridor canyon.

At Puerto El Indo, about three kilometers to the west, the target area is a low pass which cuts a long rocky crest. This pass connects a broad intermontane valley to an interior wetland drainage basin and would be a natural route for animal movement. Although the immediate context has been altered somewhat by a modern dirt road and construction of a stone fence, our throwing experiments showed that the atlatl petroglyphs still mark cross-fire positions above this target.

Puerto El Cardonal, kilometer 43, on the Saltillo-Monclova highway has the largest and most varied concentration of atlatl petroglyphs detected so far. Unfortunately, it also presents a drastically altered site context. Our throwing experiments took place over a federal highway, occasionally to the astonishment of passing vehicles, toward a target area heavily modified by the road construction. Even so, the two descending rock crests on each side divide the sierra behind from the broad plain and would naturally channel animal movement to the lure of the now intermittent stream course. Even though the atlatl petroglyphs are often now obscured by lichen growth and must compete with modern painted messages aimed at the passing motor traffic, our throwing experiments established that they still mark cross-fire positions over the target area.

Field simulations at other sites (La Mula, Espinazo, and Icamole Canyon, N.L.) Show much the same pattern: the atlatls always mark spots where a thrower would consistently have a good shot at a prey animal attracted to a target area within the atlatl's optimum range. This suggests that at this cluster of northeast Mexican sites, the atlatl hunters intentionally chose their terrain in order to ambush their prey (the whitetail deer) and that petroglyph-making was part of their coordinated hunting strategy.

This explanation may not fit the conditions at other places in North America where atlatl petroglyphs are reported (Whitley 1998; Turpin 1992). Iconography in this case identifies only a common hunting weapon; it does not imply any necessary cultural connection or context. Nevertheless, the method of field simulation can be applied wherever atlatl petroglyphs occur and allows the explanation to be confirmed or discarded in each case.

The above paper was presented at the annual meeting of the American Rock Art Research Association in Phoenix, AZ, May 26-29 2000. Accompanying this most interesting report was a letter from Dr. Murray as follows:

Dear Mr. Tate,

I am writing to see whether you or any of your members can help solve a problem in atlatl design which I am confronting in my research on Nuevo Leon petroglyphs.

I enclose a copy of a paper I gave recently which explains the background of my research as well as two photos of the unique "winged" atlatls

which appear prominently in our region. The atlatl petroglyph in the photo is one of our shooting spots at Puerto El Indio, N.L. the scale in the photos is 30 cm., and as the second photo shows, the replicated atlatl we made is exactly the same size as the petroglyph.

The question remaining is how the "winged" atlatls actually worked and whether indeed the "wings" are a functional part of the weapon. I wonder if any of your members have ever experimented with any designs like this, or have any practical suggestions as to how they might work based on their experience. If so, I would be most interested to hear from them and can be reached at my e-mail address below. All assistance will be properly credited in any resulting publications.

I would also like to know if you have any other members in Mexico, and invite any of your members who may be down this way to give an atlatl demonstration. I'm not sure we have any competitive talent hiding out, but we have found that the atlatl is a marvelous project for our university archaeology classes, especially when combined with the field simulations we are doing.

I look forward to hearing from you and your members about the mysterious winged atlatls, and remain Yours Truly,

Wm. Breen Murray, wmurray@udem.edu.mx

Ed. Comment: *Members, you have your assignment. The "winged" atlatl is indeed baffling, but some of you atlatl makers and experimenters may be able to solve this mystery. This is another way WAA can help science and investigate an unusual quirk in atlatl design. Please report your experiences on these pages.*



The ISAC Page

This is already way out dated

by Lloyd Pine

There have been a lot of changes in the top men's score during this last quarter. Terry Keefer, last year's champion, is now in first place by virtue of throwing more X's than Doug Miller and Denny Bard. Doug Majorsky has held onto fourth place by throwing one more X than Ron Mertz. It looks like it is going to take a 90 or better to be in the top ten this year. More than 40 men have thrown scores of 80 or better.

The women's scores continue to escalate with Sharon Keefer's 80-X leading the way. The top five women have all equaled or bettered last year's world record of 73, and there are twice as many women throwing 60 or above than at the end of last year.

Youth scores also continue to be excellent. Bobby Rowe is leading with an impressive score of 80. Tesha Keefer is in second place and 10 year old Robin Morucci of Italy is in third.

Score	Name	From	* Equip.	Score	Name	From	* Equip.
91XXX	Doug Majorsky	Pennsylvania	O	83	Richard Lyons	Indiana	P
91XX	Ron Mertz	Missouri	O	83	Charlie Brown	Colorado	P
91X	Scott Van Arsdale	New York	O	83	Martin Strischek	Ohio	O
91X	Bob Rowe	Pennsylvania	O	82X	Frank Takoch	Ohio	O
90XX	Chuck Butorajac	Pennsylvania	O	82X	Jack Rowe	Pennsylvania	P
90	Isreal Yahemdi	France	P	82X	Roger Klindt	New York	O
89	Gary Fogelman	Pennsylvania	P	82X	Paul Gleckl	Pennsylvania	P
89	Ray Strischek	Ohio	P	82	Mike Glenn	Ohio	O
88XX	Bob Berg	New York	P	82	Steve Cabaraux	Belgium	P
88X	Bernard Ginelli	France	P	82	Ray Madden	Missouri	P
88	Mark Bracken	Georgia	P	82	Dean Pritchard	Idaho	O
87X	Jeremy Bard	Pennsylvania	P	81X	Paul Marko	Pennsylvania	P
87X	Jim Gilligan	Michigan	O	81	Tom Mills	California	P
87	Dennis Lantz	Pennsylvania	O	81	Russell Richard	Wyoming	P
86	Jim Ray	Montana	P	81	Andy Majorsky	Pennsylvania	O
86	Chris Pappas	New York	P	80	George Bigelow	Missouri	O
85X	Chris Oberg	Michigan	P	79	Andre Robert	Belgium	P
85	Pascal Chauvaux	Belgium	P	78X	Ken Wee	Colorado	P
85	Emanuel Demoulin	France	P	78	Alain Gros Piron	France	P
84XX	Barry Kimble	Colorado	P	78	Dana Klein	New York	P
84	Ken McIntosh	New York	P	78	Don Roberts	Ohio	O
84	John Whitaker	Iowa	O	77	Jeff McGill	Utah	P
83X	Brandon Anderson	New York	P	76	Jean Speckens	Belgium	P
83	Richard Lyons	Indiana	P	76	Eric Sauvion	France	P
83	Charlie Brown	Colorado	P	75	Steve Barnett	Ohio	O
83	Martin Strischek	Ohio	O	74	Dale Torma	Minnesota	O
82X	Frank Takoch	Ohio	O	73	Jon Harshbarger	New York	P
82X	Jack Rowe	Pennsylvania	P	73	Jim Dickson	Alaska	O
82X	Roger Klindt	New York	O	72	Francois Garnacho	France	P
82X	Paul Gleckl	Pennsylvania	P	71X	Tom Goble, Sr.	New York	O
82	Mike Glenn	Ohio	O	71	Marcello Bacchi	Italy	P
82	Steve Cabaraux	Belgium	P	71	Jean-Michel Iluc	France	P
82	Ray Madden	Missouri	P	71	Claudio Sarti	Italy	P
81X	Dean Pritchard	Idaho	O	70XX	Bill Tate	Colorado	O
81	Paul Marko	Pennsylvania	P	70X	Jack Kelley	Illinois	O
81	Tom Mills	California	P	70	Bruno Morucci	Italy	P
81	Russell Richard	Wyoming	P	70	Leonard Riemersma	Wisconsin	O
80	Bobby Rowe (15)	Pennsylvania	O				
68	Tesha Keefer (12)	Pennsylvania	P				
67	Robin Morucci (10)	Italy	P				
66	Charlie Bracken (12)	Georgia	P				
64X	Nathan Schumacker (11)	Illinois	O				
64	Tommy Goble, Jr. (13)	New York	O				
59	Gael Speckens (14)	Belgium	P				
59	Scottie Mincer (12)	New York	O				
56	Keiko Long (11)	Wyoming	O				
54	Nathan Heitz (14)	Kentucky	P				
54	Nathan Potter (12)	Colorado	P				
52	Jimi Gilligan (15)	Michigan	O				
52	Nick Mertz (11)	Illinois	P				
51	Maurizio Doni (14)	Italy	P				
50	Jon Rowe (15)	Pennsylvania	O				
49X	Bobby Frank (14)	Pennsylvania	P				
48	Jehan Speckens (15)	Belgium	P				
48	Dalan Simmons (14)	Arizona	P				
47	Brandon Bell (?)	Michigan	O				
45	Alex Pritchard (15)	Idaho	O				
44	Tyler Stupe (10)	Missouri	P				
40	Zack Irvine (14)	Ohio	O				

WOMEN

YOUTH

MEN

*Equip. O = Open P = Primitive

New Web Sites

Readers will enjoy perusing Bruno Morucci's new web page: www.ciaoweb.net/musarco , Archery Virtual Museum (with atlatl section). Check it out.

WAA vice President, Susie Brown has finished her Capstone Project for her Masters Degree by developing a major resource website for the atlatl through information currently available on the Internet. The link is "Atlats for the Ages" on the links page of the WAA Website: www.worldatlatl.org Lot's of interesting and educational materials here. Oh, congratulations Susie, on the Degree.

Illinois Atlatl Association Sponsors Chaplin Creek Contest

The Illinois Atlatl Association (IAA) sponsored the June 9-11, 2000 tournament at Chaplin Creek Historic Site in Franklin Grove, IL. Throwers from Illinois, Wisconsin, and Missouri competed. Doug Miller of Franklin Grove walked away with the Grand Champion Award as he won every contest in the tournament.

"I was especially happy to throw my (then) personal best official ISAC score," Miller said after his impressive 91XXX on Saturday's ISAC. Miller threw 65:1 in the European Atlatl Accuracy Contest set in a wooded site.

There were ISACs on Friday, Saturday and Sunday, and European contests Saturday and Sunday.



Some of the Chaplin Creek Participants:

Back row: (L-R) John Smith, Ron Mertz, Jack Kelley, Walter Riddel, Don Asp, Carol Kelley. Front row: (L-R) Doug Miller, Vanessa Smith, Mary Kluz, Nate Miller and John T. Smith.

Warm humid weather dominated the weekend with a relentless wind on Saturday. Rain threatened Sunday but held off until the contests were finished.

"One of the most exciting things to happen

this weekend was when our local member, Jack Kelley threw a 'perfect' first round in Sunday's ISAC, stated IAA President, Don Asp. "Jack had a 50X going after the 15 meter round."

Top scores in the June 10th "European" contest were: MEN Doug Miller 54.1, Jack Kelley 30.6, and Ron Mertz 29.3. WOMEN Mary Kluz 4.8, Vanessa Smith 0.9, and Carol Kelley 0.5. YOUTH John T. Smith (age 12) 2.0.

In the next day's competition scores were: MEN Doug Miller 65.1, Ron Mertz 40.6 and Jack Kelley 15.1. WOMEN Mary Kluz 9.5, Vanessa Smith 2.5, and Carol Kelley 2.1. YOUTH John T. Smith (age 12) 4.6, Nate Miller (age 6) 0.5.

Pascal's Corner

Pascal Chauvaux

After a long absence (*due to a business trip*), I am back at what is the most beautiful activity in the World: atlatling. Neanderthal is not only the type site of one of the oldest known human types, it's a very picturesque town in Germany where you can find delicious sausages and huge beers – pints, of course. It was the thirteenth time that Ulrich Stodiek invited us to the oldest European contest. As usual, it was raining! It was not a surprise for us; we went there with our wellington boots and raincoats. Unfortunately, the rain frightened a lot of contestants, and only 34 throwers gathered on Sunday morning in the public park of Mettmann (Neanderthal is a part of Mettmann). With better "skidding" skill, Max Weigel (D) won the contest (82 points, 28 darts). No ISAC (it seems to me that ISAC satisfaction level here is not as strong as what I've seen in the USA this summer). But, as our dear WAA Secretary says, everybody was lucky to meet again.

Below is a photo collage of Pascal's 3-day Easter vacation spent working with 10 to 13 year old children at a near by museum.



Letters to the Editor

Hi Bill,

I read in the last newsletter the story about the Presidents Award for Hallie Cash. Very nice, of course, but I think that the plaque's inscription could have started on a more positive note than "Although not a thrower...", which seems to imply some sort of secondary status for non-throwing members. I have always thought that the purpose of the WAA was primarily one of education and appreciation of primitive peoples. The importance of the atlatl lies in the study of its role throughout the world in the lives of ancient man—the atlatl being a key to understanding how they lived their lives, rather than an end-all in itself. Throwing the atlatl is obviously fun, and rather addictive, as any game requiring skill can be, but I would think that this is a small part of a much larger and richer picture. Hallie's contribution to the WAA has made it possible for many people to develop a connection, respect, and understanding of primitive peoples that will linger much longer in their lives than the recollections of scores, ratings, and competitions. "Although not a thrower", she is more capable than most in explaining the atlatl's place in mankind's history, and of how this ancient weapon was crafted, due to her study of its origins and through her own ability to do marvelous things with a simple knife and a bit of branch. I know that from my own discussions with her that I learned something—isn't that what really matters?

Hal Truschke, San Diego, Calif.

Greetings WAA Officers:

...I just wanted to make a comment after reviewing the latest newsletter. I am a bit concerned that all organization officers and members of the board reside in the United States. I certainly would not suggest that Canadians or Europeans are being excluded, but their non-presence would indicate that their interest in the organization is waning. We certainly need them and I hope that they, are not feeling lost in an organization that is growing very quickly. We should all strive to keep this from becoming the North American Atlatl Association.

Food for thought. Your efforts are much appreciated, keep up the good work. Special thanks to our newsletter editor. Mr. Fogelman, tsk, tsk for not making my tournament, hope your shoulder is doing better.

Rodger Klindt, Dexter, New York

Everyone has a photographic memory...

Some just don't have any film.

European Landing Force Visits Chelsea Rod & Gun Club

by Jim Gilligan

This whole atlatl thing is about having fun, right? Scores are secondary, right? Good. Well, we have just said our goodbyes to the ELF (Pascal, Carine, Andre, and Marie) and boy did we have fun! I have been fortunate to meet some truly wonderful people in my atlatl travels and I can now count the Belgians among them. In what other circle could one find joy in trading European tinder fungus for American tinder fungus? Share French and English names of wildflowers? Trade a French flint blade for a Norm Blaker "Turkey Tail" blade made of Onandaga Chert?

Sunday we broke camp in Brighton at 8 a.m. and headed to the Chelsea Rod & Gun Club for the tournaments. We went through Hell to get there (Hell MI). We only had about 15 atlatlists but we made quite an impression on the 150 or so archers present. We threw the 3-D course first, with 30 MacKenzie targets. The course was beautiful as usual and we finished in a wild but short-lived thunderstorm. Pascal performed well and made some amazing throws. This course is natural with no wide open shots. There are a lot of elevation changes and many overhanging branches. He scored a 98 out of a possible 300. It is rare to break 100 with an atlatl. I think they enjoyed the 12 foot platform that we shoot from for target 22.

We had lunch in the clubhouse while the weather settled down, then moved to the ISAC. Remember, this is all about having fun!

As flights finished the ISAC, they moved on to the European contest. The first European type contests in the U.S. were sponsored by the Michigan Atlatl Association. This contest was set up in a pleasant wooded setting. (The Chelsea Rod & Gun Club and MAA are working toward setting up permanent European and ISAC targets.) After several more squalls, the contests were over. It did not seem possible that we had already finished 70 throws. The camaraderie was high and we could have gone into the night.

The ELF plus Jim, Lori, Kylie, Chris Oberg and Carl Doney met for a celebration dinner at the Common Grill in Chelsea. Spirits were high as we wound down this special visit. There is so much to talk about! Pascal has a lot of atlatl energy.

The Belgians decided hot showers sounded better than another night of camping and thought Ann Arbor might be a good place to find a motel. I made a call to Ted Bailey to let him know Pascal would be in town so that maybe they could meet in person after years of e-mail. Ted thought that would be great. When I asked him for the name of a good cheap motel he graciously offered

to put them up Sunday and Monday. What a guy!

So there you have it. After several months of preparation for their visit it was over just like that. I hope everyone takes the opportunity to meet Pascal and Co. this summer.

Oh all right - on to the scores: I had the highest ISAC with a blistering 61. (That's not a typo.) The only high points on the scoring front all day were Chris Oberg who threw a career high 51.42 and Pascal who followed with a 42.18 in the European contest.

Happy >>>>----->

3rd Annual Meadowcroft Atlatl Competition

by Margie and Frank Takoeh

The Meadowcroft competition for us started on Friday with setting up. As we were there when the Meadowcroft museum was open, Meadowcroft kept sending people out saying - if you want to know about an atlatl and try it out, go out and see Frank and Margie. We did get to meet and talk to Mrs. Miller whose husband discovered the rockshelter site.

On Saturday morning some of us atlatlists were back to hear a lecture from Dr. Adovasio who excavated the rockshelter and to tour the site. It was a fantastic lecture and interesting tour. Afterwards we practiced on the atlatl course there. From there we went to a picnic at Don and Toni Roberts' home for those out of towners here for the competition. Great fun, lots of good food!

On Sunday we were back at Meadowcroft for the competition. There was the Meadow-Loft, with distances of 10, 15, 20, 25, and 30 meters for the men, and 5, 10, 15, 20, and 25 meters for the women. You throw three darts, keep the top two-dart score, with 100 points possible. This you could do as many times as you liked. Then at 1:00 we had a random drawing for the flights for the ISAC, with a total of 22 people. Anytime you liked there was a distance contest (the Meadow Fling) that started out at 50 meters, but was too long, so we changed it to 40! You threw at a stake with the Meadowcroft Moose sitting on top in the center of the bullseye of a target on the ground. Then there was the Grand Champion Award!

Everyone had a great time. The weather was hot and humid, with one shower during an ISAC.

The top scores were:

ISAC: *Men's*, Terry Keefer 90X, Ray Strischek 84X, Chuck Butorajac 77. *Women's*, Lori Majorsky 73, Toni Roberts, 62.

Meadow-Loft: *Men's*, Ray Strischek 96X, Terry Keefer 91, Doug Majorsky 86, Don Roberts 86, Chuck Butorajac 84, Gary Fogelman 84 *Women's*, Margie Takoeh 89, Sharon Keefer 81, JoAnne

Fogelman 79, Toni Roberts 75X.

Meadow Fling: Doug Majorsky 50 - for nailing the Meadowcroft Moose!, Gary Fogelman 20X, Ray Strischek 20, Frank Takoeh 20.

Grand Champion went to Terry Keefer with an 181X.....Ray Strischek was close with 180XX!

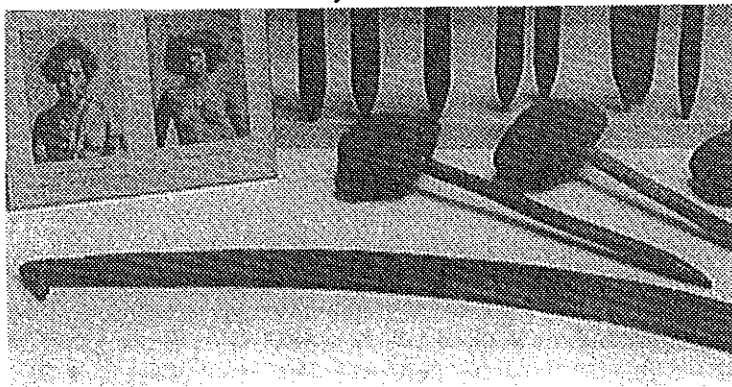
Candor Fall Festival and Atlatl Deer Hunt

Bob and Cheryl Berg

You are cordially invited to attend the annual Candor Fall Festival And Atlatl Deer Hunt on October 7th and 8th, 2000. The hunters will meet at 6:30 a.m. at Judy's Loft on Main Street in Candor, NY for breakfast. We will re-convene at Fallow Hollow on Williams Road, Candor at 7:30. You are encouraged to wear your formal atlatl hunting attire. Bring at least three darts suitable for the hunt. The hunting area is about 3/4 of a mile walk along forest trails for those who are able. For others we will provide wheeled transportation. We will harvest as a group only as many deer as we pay for in advance (you may harvest as an individual too. Contact info@fallowhollow.com for prices.) One is paid for already, since we didn't get one last year. The group hunt is like a lottery, in that chance will determine who gets the kill, but if we are successful we will all revel in the results, as we will have prepared in advance the facilities for grilling "spedies" and teriyaki for the evening meal each day.

Those not wishing to hunt may remain at Fallow Hollow where the local and ISAC contests will be held. At noon we will have pizza. We will also conduct an auction of neat and interesting stuff around 3p.m. Saturday. The public is encouraged to visit and learn about atlatls, so I am encouraging everyone who has knowledge about this sport to share it with those who visit. And also don't forget to enjoy the other Candor Fall Festival events that you will encounter all over town that weekend. We hope to see you there.

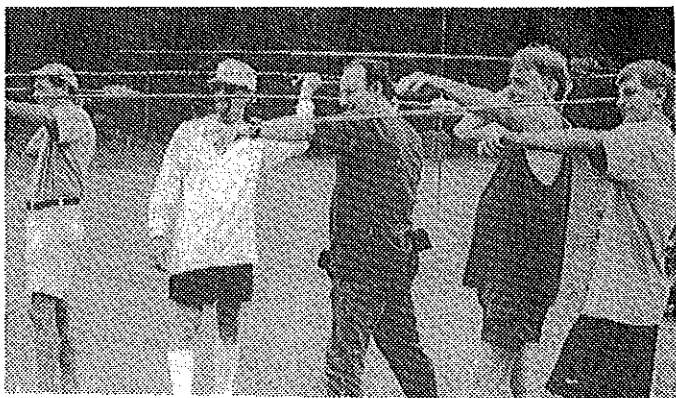
A Boomerang - Spearthrower Found in Australia.
Submitted by Bruno Morucci



Candor, New York 4th of July Contest

by Bob and Cheryl Berg

Billed the "Olympics of Atlatl Contests" or "Clash of the Titans," it was all that and more July 4th, 2000 in Candor, NY. The four champions of the International Standard Accuracy Contest since its inception - Pascal Chauvaux, 1996 Champion from Belgium; Ray Striscek, 1997 Champion from Ohio; Gary Fogelman, 1998 Champion from Pennsylvania and Terry Keefer, 1999 Champion, also of Pennsylvania met for the first time to compete in an ISAC together.



L to R. Terry Keefer, Gary Fogelman, Pascal Chauvaux, Ray Striscek, and Doug Majorsky in the Clash of the Titans.

Robert and Cheryl Berg of Thunderbird Atlatl, hosts for the Candor 4th of July contest, were delighted to find out early in the year that Pascal Chauvaux, his wife, Carine, fellow atlatlist Andre Robert and his wife, Marie-Jeanne, would be able to begin their United States tour in Candor. Pascal's decision to arrive early paved the way for the meeting of the champions!

Despite some complications with luggage, Pascal and crew managed to arrive in time for the July 4th contest. The next question was who would be the fifth person competing with the champions? The answer was easy - Doug Majorsky of Pennsylvania - last year's youth champion - who is now competing as an adult.

Not that it unnerved the champions (or at least these calm athletes failed to show it!), but an intent hush overtook the grounds as the champion battle began. The battle was not without its intense moments - Pascal Chauvaux, still on Belgium time and competing with an atlatl and darts he had only briefly become acquainted with, and Gary Fogelman, a champion right hander, throwing with his left arm because of an injury.

Dana Klein handled the score-keeping while Scott Van Arsdale fashioned a hand-drawn sign to keep the crowd informed of the action on the field. There is no question, it was one of the most enjoyable ISACs any had seen. The skill level of these five is amazing.

The scores of this special ISAC were as follows: Pascal Chauvaux, 80; Ray Striscek, 86; Gary Fogelman, 69X; Terry Keefer, 94XXX and Doug Majorsky, 91X.

Three days later with some of their lost luggage retrieved, although Pascal's darts never showed up, the European contingent was ready to continue their journey across the United States. One stroke of luck was that a couple of years ago Pascal sent Bob Berg the specifications for making his darts. Bob made about 14 pre-forms and completed three darts. The 11 pre-forms sat in Bob's shop in a dusty corner until this year when Pascal was able to finish them up to use in competitions throughout the United States. Fortunately, Pascal's generosity in sharing his dart technology with Bob a couple of years ago ended by making the loss of his darts in transit not a total tragedy. Bob found it very interesting to watch Pascal work and to learn techniques from a person with highly developed skills. The newly completed darts were packed up and sent on to Jim Ray in Montana for competition in upcoming atlatl contests. We truly enjoyed meeting Pascal and crew!

The contest was also covered by Foxnews.com. Topped by the Clash of the Titans, the Candor 4th of July contest in Candor, NY, never slowed its pace. The weather was great, sunny and warm with hardly a breeze and the company was great. All these worked together and resulted in some fine scores including an 80X by Sharon Keefer of Pennsylvania, giving her the top woman's score in the ISAC! Congratulations Sharon.

Ray Striscek of Ohio won the Grand Champion Award, with a score of 78 on the local contest. Second place for the men went to Chuck Burtorajac of Pennsylvania, with a score of 75 and third place went to Gary Fogelman, also of Pennsylvania, with a score of 69. It should be noted that Gary who normally throws with his right arm used his left arm for this competition because of an injury. Lori Majorsky won first place with a score of 41 for the women and Toni Roberts came in second, with a score of 31. For youth, Zachary Wilhelm, 9, of New York won first place, with a score of 28. Many made long trips to Candor to compete-Thank You all!

Letchworth Stone Tool Fair and Eastern Seaboard Atlatl Contest Results -Team Events

by Gary Fogelman

Team events were held in conjunction with the annual Letchworth Stone Tool Fair and Eastern Seaboard Atlatl Contest. Based on scores thrown in the Saturday ISAC, the following teams, representing the International-East U.S. division and two states, were

chosen, and the team scores are here presented.

Men's International Team -- East

Marc Bracken-81X, Scotty Van Arsdale-86XX, Terry Keefer-82X, Dennis Lantz-86XX, and Doug Majorski-80. Team total-415XXXXXX.

Women's International Team - East

Missy Roe-55, Sheri Bracken-35, Melanie Brown-8, JoAnne Fogelman-71, Sharon Keefer-62. Team total-231.

Youth International Team-East

Tommy Goble-57, Jon Rowe-60, Charlie Bracken-68, Tesha Keefer-28, and Carol Bracken-15. Team total-228.

New York State Team

Brandan Anderson-72X, Chris Pappas-84X, Doug Bassett-67, Scotty Van Arsdale-89X, and Tom Goble-75. Team total-387XXX.

Pennsylvania State Team

Doug Majorski-93XXX, Chuck Butorajac-86, Terry Keefer-92XX, Gary Fogelman-81, and Dennis Lantz-80. Team total-432XXXXX.

Thus, these team scores become the first I know of to be registered. The Europeans were to choose and shoot three International Team scores throughout the year. These scores were to be compared with three scores from the U.S.: an International Team West, International Team Central, and International Team East. The East has now recorded its score.

It was further proposed that states try to get teams to shoot for team aggregate scores. Although the International Teams are chosen and shoot only once a year, this need not be the case with the states, and I hereby propose that any time a sanctioned ISAC is held, and a state has enough members present, they can go ahead and shoot for a team score if time and facilities allow. As with the ISAC, only once a day is permitted.

To qualify for state team competition, all members must be from the same state. State teams can be mixed gender and age, men/women/youth combined, but if enough are present to field a team of five men, five women, and five youth, this can also be done.

There are no awards. This is simply to extend the competitions to a team state level and to shoot for high team scores. The scores entered above become the scores of record for those respective teams, and it remains now for future teams to try and better that score.

There was tentativeness and some confusion in getting our first team throws on record. Once the concept was realized and we got into it, there was every bit as much adrenalin as any competition produces. Try it! Get some team scores on record. It adds another element to the proceedings. Or, is this an idea whose time has come....and gone?

11th Annual Saegertown Artifact Show and 3rd Annual Atlatl Tournament

by Gary Fogelman

Nineteen atlalists, mostly regulars, but including a couple of locals, gathered in Saegertown on July 29-30 for the 3rd annual tournament hosted there by the French Creek Chapter of the Society for Pennsylvania Archaeology. The weather was very unsettled, but things worked out just fine for us, as it rained during the night and held off during the day. There was a slight breeze at times and some of the atlalists had trouble with their footing during the contests.

The local contest consisted of three shots each at 10-15-20-25 meters. A contestant could take three tries at it. Their best score over the two-day period in that contest, coupled with their best ISAC score, predicted the winners.

Note: Tesha Keefer, of the already famous Keefer family, 12 years old, threw 67 in the ISAC on Sunday. Gary Fogelman threw a 55 on Saturday, earning the Ugly Necklace for the lowest score among rated throwers. Andy Majorski was kind enough to relieve him of it on Sunday!

The top finishers for the nice trophies provided by the French Creek Chapter were: **Youth**, First place Tesha Keefer, Second place Jonathan Hunt; **Women** First place, Margie Takoch, Second place Sharon Keefer, and Third place Lori Majorski; **Men** First place Terry Keefer, Second place Chuck Butorajac, and Third place Gary Fogelman.

Alder Acres Atlatl Tournament 2000 - July 15-16

by Rodger Klindt

For those who missed the event this year, the bugs were not a problem at all. For those who were there, have you dried out yet? Yes, indeed it rained hard and the wind blew a gale. As usual, there was a 10-station field course, the mammoth hunt, and ISACs. The buffalo biathlon was available, but the dampened spirits didn't make this optional event too enticing this year. Other events included: hold the tent down, watch out for flying clipboards, and who brought an extra dry shirt.

Thirty-six hardy souls stuck it out on Saturday in the rain to complete the tournament. A few others opted to only attend the barbeque (wimps!). Sunday, on the other hand, was a beautiful day with a light breeze. Even though only seven people hung around for day

two, we had a good time and threw some great scores just for fun.

Winning scores for Saturday were:

Juniors: Justin Hinman (10) 39, Kathryn Voss (8) 21 and Emmaline Voss (5) 6.

Women: Missy Dildine 44, Sue Sabik 31, Sandra Klindt 27.

Men: Rodger Klindt 113, Jack Rowe 88, Scott Van Arsdale 84.

The top weekend ISAC scores were Scott VanArsdale 91X, Rodger Klindt 82 and Jack Rowe 79.

A sepcial thanks to the Sicley family for without their help with mowing, supplying hay, and some of the "bull" work, this tournament would not be what it is today.



The Tug Hill Woolly with Sunday's holdouts. L-R. Mike Sicley, Dana Klein, Rodger Klindt Jr., Rodger Klindt Sr., Steve Litwhiler, and Scott VanArsdale.



GRAHAM

Why is it called an Atlatl?

by Don Albert

I have discovered a curious thing about the atlatl. With a little transformation of the written word, the word looks like the actual object. As a graphic artist, I have used the atlatl as a visual theme in a series of pictures and handmade greeting cards. After drawing the atlatl in various uses and settings for several years, I wanted to try the real thing myself. The result was a trade of a set of my cards for one of Bill Tate's fine Spearchucker atlatls. Presently my skill at drawing the atlatl exceeds my skill at throwing darts. However, I now have a better understanding of this weapon and my portrayals of it should improve.

The following typography shows the process of changing the word into a picture of the atlatl.

atlatl

1. Here is the word atlatl.

at/at/

2. The letters "l" have been rotated 10°.

at/at/

3. The letters "l" have next been lengthened and raised a little. The image begins to appear. Notice how the letters "t" look like atlatls. The hooked part of the "t" looks like an atlatl hook and the crossbars look like the finger loops or holds. The letters "l" now appear to look like darts.

at/at/

4. Reducing the size of the letters "a" makes them appear to be the weights found on some atlatls.

atlatl

5. Rotating the entire design to a more recognizable angle and adding a point to the dart completes the illusion of an amazing and amusing coincidence.

Now we know why this tool is called the atlatl.
Because it looks like one!

© 2000 BY Don Albert See atlatl art at:
http://ourworld.compuserve.com/homepages/vision_vessel



ON TARGET

by Leni Clubb

We cannot begin to tell you how enjoyable it was to be with the ELF (European Landing Force) for those three weeks in July, traveling from Montana to Wyoming, Colorado and Utah. We were only together on the weekends, but what a great time we had. We wish more of you could have joined us, but I am sure that those of you who did, enjoyed the experience as much as we did. Not being able to speak French was no barrier to making wonderful friendships.

Lloyd Pine has asked me to remind you that *all contest scheduling information* should be sent to me and **only** to me (Leni Clubb, PO Box 56, Ocotillo, CA 92259). A few problems have cropped up from time to time this year with ISAC contest dates not being sent to the right person. It may be in the interpretation of Sections 6.2a and 6.2b by some, and also the translation from English to French, Italian, or whatever. At any rate, Lloyd asks that all contest scheduling information should be going to one person, and that means to me for the **Official List**. It may be that those two sections of the ISAC rules will have to be reworded to be better understood. I realize that most of you have already scheduled your events for the year 2000 through either Bill Tate or myself, but keep this requirement in mind when you plan for year 2001.

Please be sure to send me any changes of address or phone numbers to keep our membership roster up-to-date. I received five July newsletters back, marked "Not deliverable at this address" or "No forwarding address on file", etc.

Your membership expiration date is shown on the mailing label beside your name to help you remember to send in your renewal. I am sure that you don't want to receive "Dues are Due" inserts! Keep current and avoid those reminders. Also, remember that membership dues are now \$15.00 single and \$20.00 family.

As this is the last newsletter of the year, you won't hear from me until January, so I want to wish you and your families all the best for the balance of 2000. As Utah member, Robert Hamilton says, "Keep some wood in the air."

Happy attaitling! *Leni*

Twenty-four hours in a day...
Twenty-four beers in a case... Coincidence?

Valley of Fire State Park - 2001

by Leni Clubb

This announcement is early so that you can mark your calendars for March 30, 31 and April 1, 2001. We are looking forward to another wonderful

and lively contest in this beautiful Nevada State Park with its multitude of petroglyphs pecked into the red boulders and cliffs throughout the valley.

Come early,

or extend your stay and explore the Park's 140 million-year-old Aztec Sandstone formation and fossil dunes. Visit nearby Lost City Museum in Overton, Lake Mead Recreation Area, or take in the many attractions of nearby glittering Las Vegas.

Camping will be in the Beehive Group Camping Area. The fee for group camping has been waived, but participating campers will be charged \$12.00 per night per vehicle, which includes the entry fee to the park. A placard identifying you as a WAA member will be issued when you arrive. There are motels in Overton, 18 miles distant, and of course many in Las Vegas, 55 miles away. We are negotiating with a new Best Western Motel in Overton for special rates for WAA members.

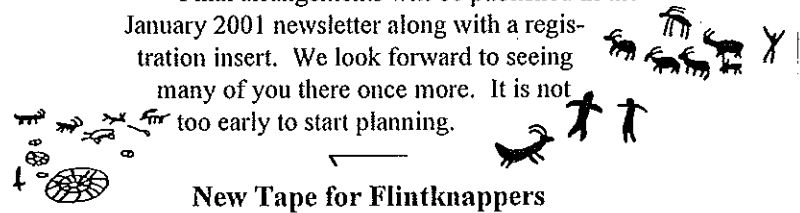
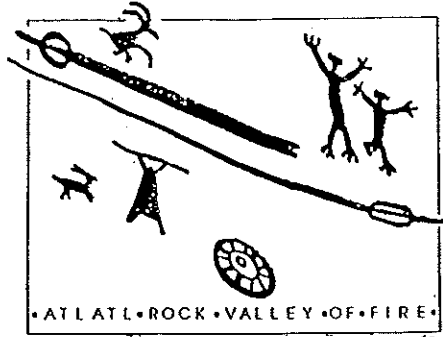
The regular WAA Target course will begin promptly at 9 a.m. Saturday, March 31, directly across from Atlatl Rock. In the afternoon, the American Field Round and ISAC will be held. For those who arrive on Friday afternoon or stay over on Sunday morning, we will conduct additional ISACs if there are enough participants. A potluck dinner is being considered for Saturday night.

Final arrangements will be published in the January 2001 newsletter along with a registration insert. We look forward to seeing many of you there once more. It is not too early to start planning.

New Tape for Flintknappers

By Bill Tate

Your Editor had the opportunity recently, to review a new video by John McPherson titled, *Breaking Rock*. Now I am not a real "primitive skills"



individual, and I have been instructed time and again by skilled flintknappers, but just never got the hang of it. John McPherson, writer, speaker, and all round educator in many different aspects of primitive technology, has done what no other person has been able to do. That is get through this thick skull some of the simple techniques required to reduce a block of rock into a purposefully shaped biface. His two hour "course" is presented half in a classroom situation, and half making the biface. Well worth the \$29.95 plus shipping. Contact: Prairie Wolf, PO Box 96, Randolph, KS 66554 or www.prairiewolf.net.

More Letters

We heard the following from Ted Bailey concerning the photo report: *Some Interesting Artifacts From Around the World*, page 14 of the July issue of this newsletter.

Hi Bill,

When I originally sent you the photos, I mentioned that the spear was for sea mammals. This was based on what the person who sold it to me said. I also sent photos to Leni. She said the spear was for birds. I have since done some research and found that Leni was correct. The extra side points are for tangling up the feathers when the bird tries to fly away.

Dear Leni,

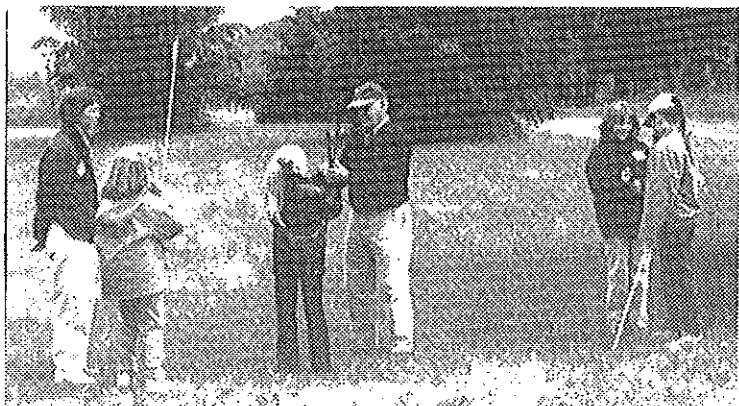
Well, I think the local post office has things figured out. Apparently an autosorting machine went "Stephen King" on them and returned hundreds of pieces of mail to the senders, but only for those affected by the address change in the area where I live. I wish I knew what else may not have been delivered. What really bugs me is that they didn't know about this until people started complaining. Maybe this 6 foot 7 inch maniac armed with an atlatl jumping up and down in the P.O. halls lends a sense of urgency to getting the problem fixed. I am throwing in a dollar to help defray the cost for all of this and you can try sending the latest newsletter again.

Sincerely, Scott Wyatt, Bemidji, MN

Dear Leni,

While working for Les Davis at Blacktail Cave (Montana) I happened to see my first atlatl competition. The following year on the dig, Jim Ray came by to look things over and I said, "Aren't you the fellow that won the atlatl competition last year?" Jim admitted that he was and that was my introduction to the atlatl. Jim was kind enough to make an atlatl and send it back east to my home in the Catskill Mountains of New York.

The atlatl has been put to great use. The county in which I live, Delaware, has a two or three



Pat Grimes teaching 4th grade students about atlatls.

day "immersion period" for all 4th grade children where they are introduced to many facets of Delaware County which no longer exist, i.e., sheep herding, knapping, weaving, etc. The County Historical Association likes the idea of showing the atlatl and more important, gives the children a chance to throw some darts. Both the boys and girls took to it with gusto. Even the accompanying teachers participated. Combining the teaching of the use of the atlatl with a talk on the Native American history of the area created great interest for the children and more important, maintained their interest.

This is the fourth year that I have offered this seminar to the fourth graders of Delaware County. Perhaps, its recognition might prompt some of our other members to introduce others to this unique historical instrument. *The Kids Loved it*

Pat Grimes, Bovina Center, N. Y.

P.S. Was happy to see that your companion was recognized this year.

New Books on the Market

by Bill Tate

Briefly mentioned in the July *The Atlatl* as soon to be published, was the book, *The Atlatl - Primitive Weapon of the Stone Age* by Kris Tuomala of Walking on Old Ground. This publication is now out and I have had the opportunity to review it. Contrary to what we printed in the previous newsletter, the cost is \$7.95 plus \$1.00 s/h. It's well worth that small bit of pocket change too, as this 62 page paperback describes fully in word and picture each step in the manufacture and throwing of a good working flexible Basketmaker style atlatl and dart system. Kris acknowledges an early interest in primitive skills and is

self taught. He admits to making just about every mistake possible. His early shelters leaked, his cordage was a joke and he drilled the "prettiest holes" in wood with his fire-bow. Now having mastered these skills, he can sit in relative comfort in debris shelters, makes good usable cordage from many different plant fibers, and has made great strides in making friction fires. He describes his first fire as "almost a religious experience." His readers won't have the beginner problems Kris had. A well-written publication, this little book should be on every atlatlists bookshelf. Contact Kris Tuomala at: **Walking On Old Ground**, P.O. Box 251, Goodman, MO 64843, or e-mail him at tuomala@excite.com.

Just before press time for this newsletter we received a copy of *The Atlatl And Dart Workbook* by Wyatt R. Knapp and Lou Becker. This is a well-thought out work with over 40 drawings by Wyatt Knapp and about 50 photographs. Their primary goal was to produce a book describing to the reader how to make "an effective atlatl system that really works," and I believe they have done this -- this and a lot more. Included, in addition to a brief history, they show the reader how to make special tools and accessories, provide hunting and fishing suggestions, yes, even some recipes are included for after you spear that fish.

Four completely different atlatl designs and three types of darts are described in detail, and among the most important parts of this book, is a three-page materials source list telling the reader just where to purchase necessary elements, from antler tines to UHMW sheeting (a nylon-plastic material for use in making atlatl spurs). Atlatl fun (contests) was recognized, as was atlatl safety. One small error showed up in that ISAC throwing distances were stated as 15 and 25 meters, instead of 15 and 20 meters, but that can be cleared up in future productions. It may be a moot point, too, since the full ISAC rules are included in the book's appendix. This paperback is 8 1/2 by 11 inches, with 95 pages packed full of interesting atlatl-related material. \$24.00 plus \$3.00 s/h. Available from Onagocag Publishing, P.O. Box 555, Allendale, MI 49401. Check www.onagocag.com/bookorder.html

The Montana Mammoth Hunt - July 15-16

by Troy Helmick

Numerous spectators and more than 40 contestants from Montana, Utah, Idaho, Louisiana, Missouri, Colorado, Illinois, Pennsylvania, France, and Belgium attended this annual event held at Virginia Bompert Park in Montana City, Montana. We even made the front page of the Helena Montana

Independent Record newspaper.



Photo by Paul Leininger

Mammoth Hunt (photo above)

MEN: 1st Terry Keefer, PA; 2nd Jeff McGill, UT; 3rd Doug Miller, IL. **WOMEN:** 1st Char Pentecost, MT; 2nd Sharon Keefer, PA; 3rd Alex Pritchard, ID. **YOUTH:** 1st Drew Owen, MT; Tessa Keefer, PA; 3rd Nate Miller, IL. Terry Keefer was declared "Mightiest Hunter."

European Style Contest

MEN: 1st Doug Miller, IL; 2nd Terry Keefer, PA; 3rd Charlie Brown, CO. **WOMEN:** 1st Sharon Keefer, PA; 2nd Mary Kluz, IL; 3rd Alex Pritchard, ID. **YOUTH:** 1st Nate Miller, IL. The Grand Champion Award went to Doug Miller.

Top Scorers in July 24th Annual Aurora Spear Sling Fling Thing

by Bill Tate

Men: 1st Jim Ray, 2nd Pascal Chauvaux, 3rd Dean Pritchard. **Women:** 1st Sonja Souvenir, 2nd Regina Dodson, 3rd Judy Pritchard. **Youth:** 1st Keiko Long, 2nd Nathan Potter, 3rd Jarrin Mumby.

Jim Ray won the Grand Champion Award.

You can go anywhere you want, if you look serious and carry a clipboard.

Atlatl events Around the World - 2000

- Sep 30 Mountain State Forest Festival Atlatl Competition 10:00a.m. at Camp Pioneer near Elkins, WV. Contact Ella McLaughlin (304) 636-4697 or Cathy Leombruno (304) 636-4095.
- Sep 30, Oct 1 Mariemont Belgium. European Championships
- Sep 30, Oct 1 Atlatl Contest with ISAC, Presque Isle State Park near Erie, PA Sponsored by Mercyhurst College. Contact Cathy Pedler (814) 824-2578 or cpedler@mercyhurst.edu
- Sep 30, Oct 1 Atlatl Demonstration, Instruction and Contest at Diamond Lake Community Fair, Metropolitan Reservoir, Helmet, CA. Contact Leni Clubb (619) 462-4638 or LENIWAA@prodigy.net
- Oct 7-8 Bougon, France. European Championships
- Oct 8 ISAC in Rome, Italy. Contact: Bruno Morucci arca@fivencet.com
- 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 14-15 Tarascon/Ariege, France. Contact Emmanuel Demoulin Nathalie.fourment@wanadoo.fr
- Oct 14-15 Flintknappers Rendezvous and ISAC at Indian Springs Ranch, Wrightwood, CA. Contact: Tom Mills (626) 794-9158 or PaleoAlco@aol.com
- Oct 21-22 Tarascon/Ariege, France. Contact Emmanuel Demoulin Nathalie.fourment@wanadoo.fr
- Oct 22 Wisconsin State Atlatl Championship & ISAC at Monticello, WI. Contact Walter Riddle (608) 245-9970 wridde@chorus.net
- Oct 28 Saturday Atlatl Contest 1:00 p.m. at the Old Ball Field, Unalaska, AK (weather permitting) can be held indoors if necessary. Contact Jim Dickson (907) 581-1845 or dickson@arctic.net
- Oct 28-29 Tarascon/Ariege, France. Contact Emmanuel Demoulin Nathalie.fourment@wanadoo.fr
- 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 4-5 Tarascon/Ariege, France. Contact: Emmanuel Demoulin Nathalie.fourment@wanadoo.fr
- Nov 25 Saturday Atlatl Contest at 1:00 p.m. Unalaska, AK. To be held indoors with location to be decided at the October 28th Event. Contact Jim Dickson (907) 581-1845 or dickson@arctic.net
- Nov 26 Last Gasp Atlatl Tournament with ISAC--starts at noon, Brighton, MI. Contact Jim Gilligan (810) 231-2314 omatlatl@ismni.net

Atlatl Events Around the World - 2001

- Jan 1 Mas d'Azil, France. Contact: Bruno Morucci arca@fivencet.com
- Mar 30- Apr 1 Valley of Fire State Park, Tenth Annual Atlatl Contests. Near Overton, NV. Contact Leni Clubb (760) 358- 7835, (619) 462-4638 or leniwaa@prodigy.net
- Jun 1-3 Fourteenth Annual Meeting of The World Atlatl Association plus atlatl contests at Flint Ridge State Historic Site near Newark, Ohio. Contact Leni Clubb (760) 358-7835, (619) 462-4638 or leniwaa@prodigy.net

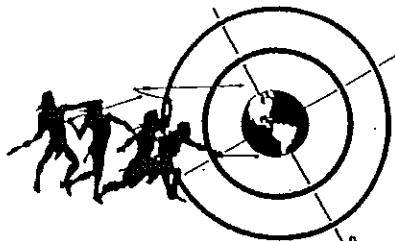
You can contact Pascal Chauvaux, Rue Au dela de l'Eau, 3 B-5630, Cerfontaine, Belgium - Telephone: (32) 71 64 34 16 or pascalC@swing.be, or Bruno Morucci arca@fivencet.com, as well as Emmanuel Demoulin at Nathalie.fourment@wanadoo.fr for assistance with European competitions.

Please send dates of atlatl events for the newsletter's calendar to the WAA Secretary, Ms. Leni Clubb. Include dates, location, name of event, and contact information. See address on back cover. This will insure that your event is recognized by WAA, and is absolutely required for ISAC registration.

Submit reports, cartoons, and miscellaneous atlatl related material 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

Membership in the World Atlatl Association is \$15.00 per year; family membership is \$20.00. Send all inquiries and dues to WAA Secretary:

LENI CLUBB
P. O. BOX 56
OCOTILLO, CA 92259 USA



The WORLD ATLATL ASSOCIATION, Inc.



JOHN WHITTAKER (9/00)
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P.O. BOX 805
GRINNELL, IA 50112-0806

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