

# THE ATLATL



“Too Long Have I Hunted Mammoth Alone!” Rick McWhorter

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## World Atlatl Day at Graham Cave

Ron Mertz

This year, Missouri Atlatl Association members celebrated World Atlatl Day at two locations, one at Mary and Roger Granneman's place near Ottumwa, IA, and, for the first time, the other at Graham Cave State Park in MO. In addition to the WAD rounds, the ISAC, and the Moche Toss, several members demonstrated the atlatl to visitors. The pictures below show Jon Wood at the Graham Cave event introducing the atlatl to youngsters, Jerry Nevins preparing to launch the Moche target while Andy Held prepares to throw, and one set of the catchers for the Moche Toss attached to a dart made by Jerry. (Note, for those members coming to the **WAA Annual Meeting at Cahokia** who want to prepare for the Moche Toss, these catchers were made of split river cane, are about 5 inches in length, slightly grooved in the center and are connected tightly to the dart by friction with the ends fastened by rubber bands. Two sets are fastened to the dart.)



A slow motion video compilation of the Moche Toss can be found on Youtube by typing in “The Moche Toss”, or following this link: <https://youtu.be/k99dR1UTqPM>

Please see important notices about membership on page 11



Left: Jon Wood (right) teaches youngsters to use the atlatl at Graham Cave. Below: a “Ceremonial Badminton” scene from Moche pottery.



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## Hunting the Harder Way

Steven Spencer

Howard Hill, author of *Hunting the Hard Way* describes the challenges of archery hunting over gun hunting. His emphasis on the challenge of the chase over the kill changed many hunters' goals from the kill to the chase. The same can now be said about another primitive form of weaponry, hunting with an atlatl & dart. This challenging technique used during Paleo times forces the hunter to use even more intense skills in camouflaging personal movement, sound, and scent in bagging prey. Missouri is only one of three states which allow this intensely, challenging form of hunting. As an avid atlatl hunter in the Show Me State, I personally invite all non-resident hunters to give primitive atlatl hunting a try.

The first step for atlatl hunting in Missouri is to research the hunting rules and regulations on-line at [mdc.mo.gov](http://mdc.mo.gov). Not only will this site provide rules, it also provides locations for hunting on thousands of acres of conservation lands throughout the state. Fortunately, these conservation areas have very little hunting pressure during archery season. Once an area is selected, use Google Earth to scout out details about the area for key ambush points.

Hunting Permit fees are very reasonable and can be purchased over the counter from local vendors such as sports shops, one stop fuel locations, and general merchandizers or on-line. A non-resident Missouri Deer & Turkey Archery Permit (includes atlatl) is \$225. Additionally, a non-resident small game permit may be purchased for \$80.

One local hunter stated the best time to hunt is the last week of October and the first week of November. He did not recommend atlatl hunting during firearm season due to being required to follow firearm rules, purchase an additional firearm permit, and wear an orange vest. Hunter orange does not work well with atlatl hunting.

If accepting the challenge of Hunting the Harder Way with an atlatl, begin practicing throws at 10 to 15 yards, self-disciplining the urge to throw further as longer shots risk making a bad hit.

Howard Hill chose the *Hunting the Hard Way* with archery in the past, but today he would choose “Hunting the Harder Way” with the atlatl. Break out the camo, locate a hunting area, put broadheads or stone points on a dart, and enjoy atlatl hunting in Missouri.

More information at: [mdc.mo.gov](http://mdc.mo.gov)

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## ~Book Reviews~

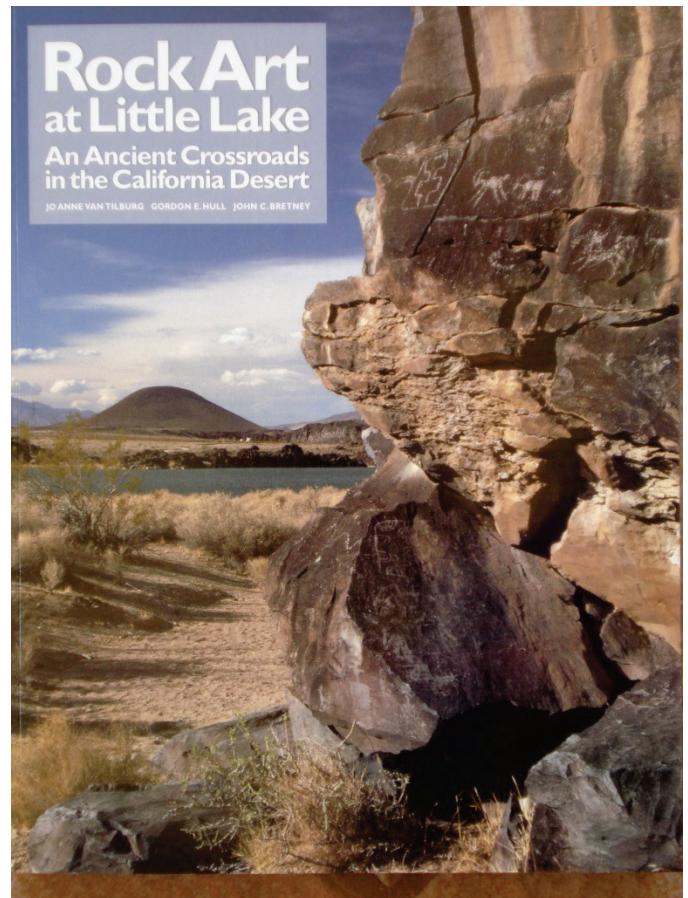
**Review** of *Rock Art at Little Lake: An Ancient Crossroads in the California Desert*. 2012. Edited by Jo Anne Van Tilburg, Gordon E. Hull, and John C. Bretney. Cotsen Institute of Archaeology, University of California, Los Angeles. 246 pp, many illustrations in color and b/w.

Reviewed by John C. Whittaker  
July 2015

Atlaslists interested in the archaeology of western atlasls may want to have a look at this large and attractive book. As a rock art book, it has a lot that is not atlasl-related, but this area of the Great Basin is one of the hotspots of atlasl rock art, with its own distinctive depictions. The Little Lake study is an exhaustive and well-illustrated documentation of a concentration of Archaic to Historic rock art on a privately owned ranch, not far from the better-known Coso Range rock art areas, and closely related. Desert bighorn sheep and the atlasls with which early people hunted them are important motifs. In particular, one of the loci at Little Lake Ranch is named Atlasl Cliff.

There are detailed chapters by the various contributors giving geological, environmental and archaeological background for the region, history of archaeological work at the locality, and history of rock art studies there. Some very nicely produced timeline figures help summarize the sequences and make them more easily understandable. There are chapters on basketry and pottery of the area too.

The rock art itself is described in several central chapters. Van Tilburg, Bretney, and Hull outline the Little Lake Rock Art Complex as a whole, discussing its traits and context in the region. Although the sample of sites is small, they attempt some statistical analysis of rock art locations on the ranch, comparing sites along the lake shore and those further away. The distribution of motifs at different sites is also considered in detail, finding some useful patterning and allowing some chronological sequencing. Most of the images are petroglyphs, pecked into basaltic rock, but there are a few painted pictographs, and some scratched motifs as well. Rebekah Miller Reed discusses the scratched motifs, which are mostly lines, grids, and curves. These often overlie pecked motifs, suggesting that most are late additions. They are elusive and hard to see, and the team concludes that the scratched rock art “was not a product of highly visible public or communal ceremony,” in



contrast to some of the highly visible petroglyphs. Van Tilburg and Clarus Backes Jr. describe the painted rock art, with an emphasis on chemically connecting it to pigments excavated at the nearby Stahl Site. They believe that some of the simple geometric designs are similar to those on painted atlasl dart fragments recovered from Great Basin sites; a few from Gypsum Cave are illustrated.

The most important chapter for our interests is the one on a specific concentration of rock art panels at Atlasl Cliff, described by John Bretney. This locus is separate from other clusters, and away from the lake. It is close to the Stahl Site where excavations produced Pinto (Late Archaic) points, and as the atlasl is believed to have been replaced by the bow sometime around 1500 years ago, the elements at Atlasl Cliff are considered among the oldest at Little Lake. Of 645 pecked elements, 99 (15%) “consist of a vertical line with a hook or loop at the top and bottom and an oval or circular form in the center of the vertical line.” These are compared to a drawing of ‘typical’ Gt Basin atlasl (Nicholarson Cave/Winnemucca Lake type) with a bar-shaped boatstone weight and double finger loops. Dart finds at various sites are mentioned in a somewhat confused discussion. There are Y-shaped motifs that Bretney thinks might be exaggerated foreshafts notched for points. This

seems unlikely to me; and Van Tilburg's later suggestion that these resemble ethnographic cradle-board frames is much more convincing, and suggests an interesting opposition between male-oriented atlatls and female-related cradleboards.



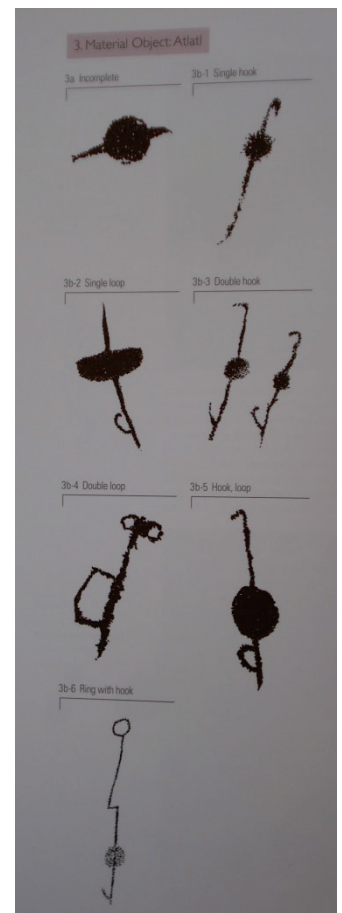
Stone weights attached on “top” of archaeological atlatls (his terminology is confusing, as most would say the dorsal, back, or underside) may have been an innovation adding mass or tuning the atlatl, and may have increased dart acceleration. These ideas too are not well supported by modern understandings of how atlatls work. The probable aesthetic or ceremonial reasons for attaching weights, or charms are more likely, and to my mind supported by the fact that the ‘weights’ shown at Atlatl Cliff are nothing like any of the few we know from the Great Basin. This probably means they are much exaggerated and abstracted to show “atlatlness” or the power of the charm.

All the atlatl motifs at Atlatl Cliff are oriented toward the lake or ‘the passing animals.’ Atlatls are all depicted upright with hooks at the top, and hooks almost always face left, for unknown reasons. Sheep depictions (the most important game, symbolically at least) generally face right. To me this suggests some pattern of symbolic opposition - depictions of sheep, the game (not found at Atlatl Cliff), are symbolically opposed to the weapons used on them, and the left-facing atlatls are shown as seems normal to a right-handed atlatlist. Dense pecking of atlatl and sheep images suggests to the team that they involved much work and time to make, which again suggests symbolic value. My own experiments with petroglyph manufacture tell me that this is exaggerated - even complex and deeply pecked rock art is not hard to make. Deep pecking does show that the maker wanted his image to be permanent and visible.

Different degrees of repatination were quantified using a spectrophotometer, and allowed the team to propose a chronology of atlatl depictions, with a trend for the more patinated atlatls to have longer shafts and oval weights. We do not know if this is a change in the images only, or in the atlatls themselves. Atlatl images are almost all at this locus, and although there are other elements there, the most interesting pattern is the absence of depictions of the desert bighorn sheep. A chapter by Noel Van Slyke and H. Bill White examines this motif in detail. Sheep elements are relatively common and often carefully done. The most ‘classic’ form has a D-shaped body and spreading curved horns. Bighorn sheep, as one of the most important game animals, may be depicted as part of hunting magic to ensure success or increase the herds, and some authorities suggest that production of sheep images tracks rise and fall of populations through time, with more images when sheep have been excessively hunted. Others see them as shamanic spirit helpers.

Van Tilburg concludes the rock art section with a long and useful discussion of aesthetics and belief. In the Great Basin, shamanist practices were common, and not confined to men. Shamans use hallucinogens, among other things, to access the spirit world for healing and magic. Some rock art research has seen all sorts of abstract imagery as “entopic” phenomena, the blobs of light and other visual hallucinations that all human minds produce under the influence of drugs or trance. Most rock art is then seen as depicting the shamanic experience of magical transformation and flight to other worlds.

Thankfully, Van Tilburg (and others) point out that rock art is probably more complex than the universal shamanic interpretations imply. Hunting magic and social communication are also important to Great Basin and other forager groups. Consistent symbols like the atlatl become ‘icons’ conveying a package of important meanings. In





the case of atlatls, they are associated with weapons, hunting, and maleness. They are always shown upright, thus similar to staves and other paraphernalia carried in ritual to symbolize social status and identity. Sheep and atlatls may reflect hunting success and leadership, which could also be connected to shamanic abilities.

Overall, this is a finely produced book, readable at different levels - lots of detailed analysis for those who want it, innovative rock art recording methodology, thoughtful ideas about interpreting the rock art, and attractive illustrations.

**Review** of *Rancher Archaeologist: A Career in Two Different Worlds*, by George C. Frison, 2014. University of Utah Press, Salt Lake City. 304 pp., 88 figs., ISBN978-1-60781-329-3.

John C. Whittaker  
April 2015

George Frison is a towering figure in Plains archaeology, whose ideas, excavations, and students have shaped the whole field for decades. At the WAA meeting in Wyoming in summer of 2014, a group of us were privileged to visit him in his laboratory at the University of Wyoming. Surrounded by a series of ancient bison skulls under reconstruction, Dr. Frison remains an imposing presence at the age of 93, physically large and intellectually authoritative. He spoke to us about his interest in atlatls, begun with finds he made as a young amateur archaeologist at Spring Creek Cave. Among his most famous and commonly cited experiments later in his career were tests of Clovis points on thrusting spears and atlatl darts on elephants being culled in Zimbabwe (Frison 1989). These convinced most archaeologists that Clovis weaponry was effective enough to hunt the North American Pleistocene megafauna.

Dr. Frison's autobiography, recently out, is a pleasant few hours of reading. He had an interesting life, growing up on a ranch in Wyoming, where he hunted arrowheads and bison bones as a kid. Becoming more and more interested in artifacts, he recovered perishable objects, including an atlatl, from Spring Creek Cave in 1953, and showed them to archaeologists and other collectors at Loveland's Stone Age fair and elsewhere, arousing some interest. He also was hearing comments from friendly professionals that while his artifacts were interesting, a collection without

purpose or proper documentation was not of any value to archaeology. Ranching was not going well, and Frison decided he wanted to be an archaeologist. Thirty-seven years old, he enrolled as a freshman at U. Wyoming and finished his B.S. in 2 years, then did his PhD. work at the University of Michigan in another three, a pace that was impressive then and probably impossible now. He took a post at the University of Wyoming, and also as WY state archaeologist, and essentially created UW's strong anthropology and archaeology program. Meanwhile, he excavated or was involved with many of the most important PaleoIndian and Plains sites, sites that have defined our understanding of these fields.

The sites and cultures of the Plains that Dr. Frison worked with are briefly summarized, a good place to get a capsule of Plains and PaleoIndian prehistory. More useful detail is provided in his other books, especially *Prehistoric Hunters of the High Plains*, which has run to three editions. (The first (1978), was reasonably short, readable, and well-illustrated; Academic Press disgraced itself with the second (1991), which looks like something produced in Pakistan in the 1950s; and the most recent, with Marcel Kornfeld and Mary Lou Larson (2010), is excellent but unsurprisingly much longer.) In *Rancher Archaeologist* there are a few more stories of circumstances and personalities, alas, often too short - we know there are more interesting details behind comments like "I didn't like his attitude." But these are gentlemanly reminiscences, not scandal.

As he began a scholarly career, Frison, against the advice of some of his mentors, decided to focus on the Plains, which many considered virtually devoid of interesting archaeology, and on bison kill sites and other evidence of hunting. The synopses of many sites are included partly to show that this was in fact a smart professional strategy that produced important results - bison hunting for instance was much more variable than thought, changed through time, and showed enormous adaptability and clever use of Plains resources.

An important theme in the book, though often muted, is the variable relationships between amateur archaeologists, artifact collectors, and the academic archaeological community. Dr. Frison himself began as an amateur archaeologist and artifact collector. Most of the sites that Dr. Frison worked on, and for that matter, most paleoindian sites in general, have been discovered by non-professionals, either interested amateurs, or intelligent ranchers, farmers, and construction workers who stumbled on sites by accident. We owe a great deal to those who have reported sites

to the archaeologists, or protected them from destruction. The other side of the coin is that almost every site mentioned in Frison's long career had already suffered, before he worked on them, from the depredations of looters who cared nothing for what a site can tell us about past people, but destructively and ignorantly mined them for artifacts.

The title shows what Dr. Frison considers the most important theme. He realized early in his career that his experiences as a rancher and hunter gave him a background for interpreting how ancient people interacted with the game that few of his colleagues could match. Bison, for instance turn out to be strange and contradictory animal. They can be driven into traps and off cliffs if the conditions are right, but they are volatile, powerful, and unpredictable at other time, plowing through fences, and shrugging off wounds. Not only did Frison have an understanding of game animals that allowed him to avoid some of the absurdities published by others, but he extended his hunting and ranching experiences into formal experimentation with stone tool butchery, projectiles, and meat processing. His experiments with atlatls were early and important, and for WAA members, may be his most famous contribution. They are described here with some interesting personal context. For more detail, again the reader can go to *Survival by Hunting* (2004).

The book chapters are partly arranged by ancient cultural chronology, rather than the events of Dr. Frison's life. A brief outline at the end helps some, but as he was involved in so much, often multiple projects overlapping, the biographical

order gets a bit murky in places. This is not really important except when you are curious about what he knew at what point in excavating a particular site or conducting his experiments and applying them to interpret excavation results. Some of the details of his academic life I did not find especially interesting, even though I am familiar with that world - many honors and achievements, but not enough scandal and controversy I guess! There are a fair number of illustrations of artifacts, excavations, and people in a nicely produced volume. Overall an enjoyable and worthwhile book for anyone interested in Plains archaeology, archaeological experiments, atlatls, and the life of an important figure who influenced all of these.

**Frison, George C.**

1978 *Prehistoric Hunters of the High Plains*. New York: Academic Press.

1989 Experimental Use of Clovis Weaponry and Tools on African Elephants. *American Antiquity* 54(4): 766-783.

1991 *Prehistoric Hunters of the High Plains, Second Edition*. New York: Academic Press.

2004 *Survival By Hunting: Prehistoric Human Predators and Animal Prey*. University of California Press, Berkeley.

**Kornfeld, Marcel, George C. Frison, and Mary Lou Larson**

2010 *Prehistoric Hunter-Gatherers of the High Plains and Rockies, 3<sup>rd</sup> ed.* Left Coast Press, Walnut Creek, CA.

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~Events~

**Meadowcroft – Avella, PA**

19-21 June 2015

Above the ancient rockshelter on the field of the Meadowcroft Museum people assembled from four states to compete with atlatls. Three throwing lanes were provided with round bales and room for twenty-five meter throws. The meadow fling was provided on the northern upslope with 3-D Black Bear and Turkey. Saturday's competition focused on three events as participants vied for the Miller Point Awards in the Men, Women and Youth Divisions. The three events were 1) Meadow Loft (Target with four progressively larger circles with fewer points 10, 8, 6 & 4 as circles got bigger; a small circle with a groundhog was placed in the center and was a negative 5 points – because if killed, the groundhog would not be available to lead people to the Rockshelter's discovery; best two of three throws were counted from three distance choices based on skill level 10, 15, 20 & 25 meters; perfect score 60), 2) Hunter's Challenge (Deer target scoring 4-body, 6-lung/ spleen, 8-liver, 10-heart; two throws each from three distance choices based on skill level 10, 15, 20 & 25 meters; perfect score 60 and 3) Meadow Fling (Five throws from 20 or 15 meters (depending on skill level) at the 3-D bear (scoring 5



for kill and 1 for hit) and turkey scoring 3 for any dart that stuck; perfect score 24. The Awards (engraved wooded plaque or certificate) were presented to the winners by the director of the museum, Dave Scofield. The Saturday evening pot luck dinner was spearheaded by our gracious hosts, Margie and Frank Takoch who also set up all the ranges and tent shelters. The weather was mild but with rainy periods throughout the weekend.

Red highlight is personal best  
Blue highlight is season's best

**ISAC** (13 people, 27 entries on 7 flights)

93-2X	Douglas Bassett	58	Debbie Andrews
85	Andy Majorsky	54	Margie Takoch
84	Randy Whaley	34-X	Frank Takoch
80-2X	Marlin Bassett (12)	23	Niki Tumminello
75	Lori Majorsky	22	Scott Leff
74-X	Nisa Holbrook	8	Jeff Parker
70-x	Wayne Wells		

**Miller Point Competition** (12 people, 59 entries)

Competitor	Loft/60	Hunter/60	Fling/24	Total/124	Rank
<u>Men</u>					
1 Douglas Bassett	44	38	24	106	1
2 Andy Majorsky	24	16	10	50	
3 Wayne Wells	14	10	12	36	
4 Randy Whaley	18	8	4	30	
Novice					
5 Scott Leff	12	0	3	15	
6 Jeff Parker	-5	0	3	-2	
<u>Women</u>					
1 Lori Majorsky	12	32	15	59	3
2 Debbie Andrews	18	20	4	42	
3 Nisa Holbrook	18	8	11	37	
4 Margie Takoch	10	8	4	22	
Novice					
5 Niki Tumminello	6	4	4	14	
<u>Youth</u>					
1 Marlin Bassett	28	32	16	76	2

**New York Atlatl National Competition**

(After name is glow stick score at night)

ISAC 51+ (distances 15 & 20 m)

**Yellow (80+)**

79 Douglas Bassett (77-X)  
(53 opposite-handed)

**Red (50-79)**

59 Randy Whaley (60)  
(50 opposite-handed)

**Blue (0-49)**

48 Nisa Holbrook (47)  
(9 opposite-handed)

ISAC 0-50 & Youth (distances 10 & 15 m)

**Black (50+)**

Marlin Bassett (28)  
(20 opposite-handed)

**White (0-49)**

No entries



# Summary of the World Atrial Day – 2015

By Douglas Bassett

From the first Saturday of June, June 6<sup>th</sup> this year, 59 people summited scores from 7 venues representing 9 states and making 93 entries as 31 teams with the results as follows:

**Records are in Bold Red**

## Top Five States

Ohio	<b>255-3X</b>	Wisconsin	240-3X
PA / NY	243-3X	Missouri	233-X
California	232-4X		

Because there were two different distances and various combinations of team members there are 58 possible combinations of team composition with the top teams as follows (Note that in three person teams of combined division and, or distance - the first noted combination means that there were two people in that particular division or distance):

Team Rank		State Rank	
<u>Single Division and Single Distance Teams</u>			
1	Men 25 meters	<b>255-3X</b>	1 OH – Ray Strischek (88-X), Mike Glenn (87-X), Mamerto Tindongan (80-X)
3		240-3X	3 WI – Ben Struzynski (91-2X), Gordy Behrendt (82), Len Riemersma (67-X)
4		239-2X	OH – Mamerto Tindongan (88-X), Mike Glenn (76), Steve Barnett (75-X)
5		233-X	4 MO – Jon Wood (87-X), David Patterson (74), Jerry Nevins (72)
7		230-3X	6 IA/MO – Steve Spencer (87-2X), Roger Granneman (74-X), Kevin Verhulst (69)
8		229-4X	7 NY/PA – Douglas Bassett (92-2X), Gary Fogelman (78-X), Tom Goble SR. (59-X)
10		219-X	WI – Ben Struzynski (89), Glen Oechsner (75), Gordy Behrendt (55-X)
	Men 15 meters	201	10 PA – Bruce Miller (70), Shane Pisarchick (67), Casey Angeletti (64)
		190	11 MN/WI – Neil Palosaari (67), Kyle Boon (45), Jerry Prah (54)
<u>Combination Teams</u>			
2	M/W 25	243-3X	2 PA/NY – Gary Fogelman (96-2X), Douglas Bassett (89-X), JoAnne Fogelman (58)
		213-5X	9 WV/OH – Ray Strischek (71-3X), Randy Whaley (66-X), Nisa Holbrook (76-X)
	W/M 25	195-2X	WV/OH – Nisa Holbrook (67), Debbie Andrews (47-X), Randy Whaley (81-X)
6	M/W 25/15	232-4X	5 CA – Teddy Eyster (82-3X), Eric Ahnmark (76), Deanne Weidman (74-X)
	M/W 15	199-X	MO – Mike Hoelscher (86-X), Sean Matney (56), Andy Held (57)
9	M/Y 15	219-2X	8 IA – Roger Granneman (78-2X), Kevin Verhulst (66), Lucas Yates-13 (75)
	W/M 15	155	MO – Debra Ray (54), Kathy Nevins (45), Tom Vickery (56)

## Top Individual Scores

### 25 meters

Men - Top 10 (**97-3X Douglas Bassett (2014)**)

96-2X	Gary Fogelman (PA)
92-2X	Douglas Bassett (NY)
91-2X	Ben Struzynski (WI)

### 15 meters

Men - Top 10

<b>86-X</b>	<b>Mike Hoelscher (MO)</b>
76	Eric Ahnmark (CA)
72	CJ DeChant (MO)



88-X Ray Strischek (OH)  
 88-X Mamerto Tindongan (OH)  
 88-X Jon Wood (MO)  
 87-2X Steve Spencer (MO)  
 87-X Mike Glenn (OH)  
 82-3X Teddy Eyster (CA)  
 82 Gordy Behrendt (WI)

Women - Top 3 (82 Carey McCormack (2013))

76-X Nisa Holbrook (WV)  
 74-X Deanne Weidman (CA)  
 66 Dawn Wagner (MO)

Youth – Top 3 (86-2X Ben Struzynski-15 (2013))

No Entries

67 Neil Palosaari (MN)  
 66-X Mark Dellings (CA)  
 59 Rick Franklin (WI)  
 57-2X Justin Covey (NY)  
 56 Tom Vickery (MO)  
 56 Sean Matney (MO)  
 54 Jerry Prah (WI)

Women - Top 3 (83 Deanne Weidman (2013))

73 Mary Granneman (IA)  
 57 Andy Held (MO)  
 54 Debra Ray (MO)

Youth - Top 3 (92-X Matt Ciarapica -14 (2014))

75 Lucas Yates -13 (IA)  
 34 Aidyn Tami -11 (PA)  
 17 Dayton Linke -14 (MO)

Many people participated in several teams and Ben Struzynski (WI) was the most active as member of five teams. Also 28 people made 43 entries with scores of 70 or more with their combined average scores for each distance as follows (Note that an X was tallied as 10.1):

5M – 86 attempts	10M – 100 attempts	15M – 100 attempts	20M – 72 attempts	25M – 72 attempts
9.57 (22 X's)	8.95 (10 X's)	7.85 (6 X's, 5 misses)	7.41 (4X's, 5 misses)	5.57 (1X, 19 misses)

In other words, if you intend to hunt, hunt close for the kill shot.

## WAA BALLOT 2015

Vice President      \_\_\_\_\_ Douglas Bassett (NY)

Executive Treasurer      \_\_\_\_\_ Justin Garnett (MO)

Board of Directors (Vote for one.)

\_\_\_\_\_ Jerry Nevins (MO)

\_\_\_\_\_ Russell Richard (WY)

(Please Review Election of WAA Board Members )

**Mail your ballot(s) postmarked by August 15, 2015 to:**

Regina Dodson (WAA Executive Secretary)  
 611 Broken Wheel Court  
 Cheyenne, WY 82007

## ELECTION OF WAA BOARD OF DIRECTORS

Voting for WAA Officers and Board of Directors may be done by mail or in person at the WAA Annual Meeting on September 12 at Cahokia Mounds World Heritage Site, Collinsville, IL. To vote by mail you must fill out the ballot and return it to: Regina Dodson, 611 Broken Wheel Court, Cheyenne, WY 82007 postmarked no later than August 15, 2015.

**The back of the envelope must be legibly signed by each person voting and have the word BALLOT written on it. Use one ballot for each eligible voter. Families voting may print additional ballots as needed and place all their ballots in the same envelope when mailing them.**

To be eligible to vote, one must be a WAA member 18 years old or older with dues current on the date of the WAA Annual Meeting. Members cannot give their ballot to anyone else nor allow anyone else to fill out their ballot.

The following categories of membership have been established and votes designated for each category.

- A. Individual: One person - one (1) vote
- B. Family: Any member of an immediate family living on the same property: Each member (18) years of age or older will have one (1) vote. If additional ballots are needed ofr family members, copies can be made or they may be hand written.
- C. Institutional: One (1) vote
- D. Supporting: One (1) vote
- E. Contributing: One (1) vote
- F. Fellow-Lifetime membership: One (1) vote

**Votes will be counted at the Annual Meeting and results announced that evening and in the *ATLATL*.**

## WAA CANDIDATE STATEMENTS

### **Vice President**

Douglas Bassett (NY)

I am a third generation resident of Warsaw, NY on both sides of my family. Over the last four decades I have been the park naturalist at Letchworth State Park. I have walked the equivalent of several times around the earth while talking to others about the wonders of nature. I also love throwing things and have done so for more than sixty years. You name it and I am in, rocks, balls, discs, gliders, boomerangs, slings, knives, tomahawks, javelins, spears, and for the last twenty years the atlatl and dart. I like games and I love competition and perhaps I am overzealous in the enjoyment of the latter. I am interested in long distance throwing and the legalization of the atlatl as a hunting weapon. My youngest is twelve years old and I strive to keep my events fun for all the "kids." I am interested in bringing our sport to the masses and learning from the disenfranchised. A vote for me is a vote to promote throwing.

### **Treasurer**

Justin Garnett (MO)

My name is Justin Garnett, and I have served as the World Atlatl Association's webmaster since 2013, and will continue to do so for the foreseeable future. In late 2014 I took over the position of World Atlatl Association Treasurer as well. In my brief tenure as treasurer, I have created a WAA PayPal payment option, making dues submissions easier than they have ever been. More great changes are in the works as well, and I would love the opportunity to continue as Treasurer to help with their implementation.

### **Board of Directors (Two candidates for one position)**

Jerry Nevins (MO)

I am a retired home builder and wood/stone carver. I became an enthusiastic atlatlist by chance at a knap-in near Boonville, MO about three years ago where The Missouri Atlatl Association was hosting an event. Since I had been focused on carving bannerstones for



about a year, I thought I would see if anyone there was interested in purchasing one. As it turns out, I didn't sell any banners that weekend, but did end up joining the MAA and then the WAA.

Since then, I have participated in almost every atlatl event sponsored by the MAA, and have traveled around central Missouri teaching the history and use of the Atlatl to youths. I have also served as the main organizer of several atlatl events including the one held in conjunction with the annual Jakes Day in Herman, MO sponsored by the National Wild Turkey Federation and at a primitive skills camp at Bois D'arc in southwest, MO. I have also cultivated a relationship with members of the Missouri Department of Conservation who are enthusiastic about teaching this outdoor skill to Missourians. For example, I led instructional efforts last December at the Department's Runge Nature Center in Jefferson City where over four hundred people were introduced to the atlatl during the two-day event. This year we held two more events sponsored by the Department, one of which was on the grounds of the State Capital in Jefferson City. We have been invited back to both events next year.

I would bring my enjoyment of competitions, my interest in teaching the atlatl to others, and my commitment to fostering greater participation in this ancient sport to my tenure on the WAA Board.

Russell Richard (WY)

I was introduced to the atlatl in 1993 and attended my first competition in 1996. Since then I have competed in 15 states and six European countries, been a contributor to *The Atlatl*, sponsored the Foothill-Mountain Atlatl Competition since 1999, taught thousands of kids to throw at the Wyoming Game and Fish Expo, founded the Wyoming Atlatl & Social Club, was instrumental in the celebration of the 30<sup>th</sup> Anniversary of the Kid's World Open Atlatl Contest, hosted the 27<sup>th</sup> annual meeting of the WAA, and am currently engaged in establishing a permanent atlatl monument. I have been a member of the WAA since 1996 and have served on the board and as vice president.

#### **A NOTE FROM THE NOMINATING COMMITTEE**

Two officer positions, Vice President and Treasurer, and one Board position were open for nominations in 2015. While no nominations came from the membership at large, the 2015 WAA Nominating Committee selected the following as candidates: Vice-President - Douglas Bassett (unopposed); Treasurer - Justin Garnett (unopposed); Board position - Jerry Nevins and Russell Richard. *Nominating Committee: Scott Van Arsdale, Len Riemersma, Regina Dodson, and Ron Mertz, Chair.*

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### **~Editor's Corner**

**Notices:** This spring the board of directors voted to make dues **\$15 dollars for all memberships** whether you are paying for a whole family or an individual. Also please remember that dues are now to be paid at the first of the year, regardless of when you first joined, and dues can be paid online on the WAA website ([worldatlatl.org](http://worldatlatl.org)).

This newsletter was slightly behind schedule because I was waiting to receive more material to put in it. If you have a good story or have been doing some interesting research, or know of someone who might, please send material to me at [theatlatl@gmail.com](mailto:theatlatl@gmail.com).

Finally, the newsletter was previously going out to folks with slightly lapsed membership, but this time the list has been highly reduced. An effort to get people to renew has resulted in a more refined list of active members, and we currently have approximately 120 members in the organization, so please step up your efforts to bring people in to your events and get new folks involved in a very cool ancient weapon.

**If you would prefer a hard copy of the newsletter in the mail** please let me know ([theatlatl@gmail.com](mailto:theatlatl@gmail.com)).

## Woodworking with a Hatchet

Devin Pettigrew

Some readers already have good methods for making atlats that work for them, but others may be looking for ideas, or willing to try something new. I've been making atlats using simple hand tools for a few years, and would like to share a method that I find effective and enjoyable. I start by splitting the wood into manageable pieces, if I think the particular piece will split effectively. Sometimes the flow of the bark indicates a twisted grain, and some woods just don't split well. Either way, the next step is to use a hatchet, which makes reducing large pieces faster, and with a surprising degree of precision. If the wood is green, using a hatchet to chop out the pithy center and remove the bark and sap wood will often ensure that it doesn't crack in various places as it dries. Using a short chopping motion at an oblique angle, the wood can be shaped to a rough finish in fairly short order, and with practice, finer work can also be accomplished, so that an atlatl blank can be brought very close to final dimensions with a hatchet. At this point work is completed with more precise tools such as a carving knife, rasp, sand paper and gouges (I use cheap Chinese gouges purchased at most craft stores).



*An antique Norlund (left) and Japanese carpenter's ax (right)*

Learning to use the proper angle with a hatchet takes practice.

Too wide an angle and the hatchet will dig into the wood (useable for detailed shaping or starting a cut), too sharp an angle and the blade will not bite into the wood, rather the hatchet will simply skip off. This is why most modern hatchets are not very effective for woodworking; they are made of lesser quality steel and don't hold a more sharply angled edge. I suggest using either an antique hatchet or a Japanese hatchet (or something similar) as shown in the photo. Antique hatchets such as those made by Norlund, Plumb, Sears & Roebuck and a slew of others can sometimes be found at a reasonable price, and given a new handle, are thus fit for a new life. These old hatchets work well for woodworking, and are good all-purpose hatchets. The Japanese hatchet in my experience is slightly better for woodworking than my Norlund. It's a carpenter's hatchet—the blade bites a little better, it's slightly heavier and carries a little more momentum for removing big chunks, and the bearded design allows it to be held right behind the blade for control when executing finer detail. However, the differences are subtle.



*Notice the angle of chopping. A good stump is a helpful addition*

With either of these hatchets, the woodworker can develop a surprising level of control in shaping wood, and in a way that is much faster and easier on the joints than using a knife to whittle down big pieces. When using a hatchet, it's primarily the weight of the tool that does the work, rather than straining the body to push a knife. Try to avoid sharpening a good hatchet with a file unless you need to fix an abused edge. The more polite method is to use alternating grades of sharpening stones. Many good hatchets can be brought to a very keen edge with a little water, and a fine stone used in a circular motion.

If you give a hatchet a try, you may find that intricate atlats can be made by hand in almost any location with a small tool kit. To accompany this short read I've done a Youtube video that can be accessed in the "How-tos" section of our website (Basketmakeratlatl.com), my Youtube channel ARatlatl, or by clicking this link: <https://youtu.be/boP-EbhLUF8>



# The World Atlatl Association, Inc.

International Standard Accuracy Contest (ISAC)

## 30-Jun-15

2015 ISAC Results for Men (70 and above)

Place	* Tie Placement	Score	Name	Home	St	Date	Contest
1		98xxx	Douglas Bassett	Warsaw	NY	6/1/2015	Sortore Farm, Friendship, NY
2		96xxx	Bob Kitch	Husum	WA	2/15/2015	Wintercount, Maricopa, AZ
3		95x	Jon Wood	Madison	MO	4/19/2015	Columbia, MO
4		93xx	Ben Struzynski	Ogdensburg	WI	6/7/2015	Henschel's, New Holstein, WI
5		93	Charles Swanson	Knoxville	TN	5/1/2015	Old Stone Fort, Manchester, TN
6		92xxx	Gary Fogelman	Turbotville	PA	5/15/2015	Jersey Rock and Shoot, Washington, NJ
7		92x	Jordan Ashley	Estill Springs	TN	5/3/2015	Old Stone Fort, Manchester, TN
8		91xx	Ryan Grohsmeyer	Rolla	MO	3/21/2015	Hermann Gun and Rod Club, Hermann, MO
9		91x	AJ Bagg	Canastota	NY	4/25/2015	Earth Day, Elmira, NY
10		91	James Turner	Durango	CO	4/23/2015	Durango, CO
11		89x	Kevin Ashley	Estill Springs	TN	5/2/2015	Old Stone Fort, Manchester, TN
12		88x	Jack Rowe	Sayre	PA	4/26/2015	Earth Day, Elmira, NY
13		87xx	David Sheppard	Cheyenne	WY	1/1/2015	Trail's End, Cheyenne, WY
14		87x	Jim Hughes	Durango	CO	2/20/2015	Wintercount, Maricopa, AZ
15		87x	Mamerto Tindongan	Albany	OH	6/6/2015	Athens Library, Athens, OH
16		87	David Santos	Spencer	NY	4/26/2015	Earth Day, Elmira, NY
17		87	Mike Glenn	Lucasville	OH	4/25/2015	Leo Petroglyphs State Memorial, Ohio
18		87	Mark Bracken	Saegertown	PA	2/21/2015	Silver River State Park, Silver Springs, FL
19		86x	Antoine Jamon	Ceyssac	FRANCE	6/13/2015	St Paulien, France
20		85xx	Steve Spencer	Trenton	MO	5/15/2015	Osage Knap-in, Booneville, MO
21		85	Pascal Chauvaux	Cerfontaine	BELGIUM	5/24/2015	Saint Hubert, Belgium
22		85	Ray Strischek	Athens	OH	4/25/2015	Leo Petroglyphs State Memorial, Ohio
23		85	Cyrille Huc	Seysses	FRANCE	3/8/2015	Bruniquel, France
24		84	Jean-Claud Gamon	Vernox les Ammone	FRANCE	6/13/2015	St Paulien, France
25		84	Russell Richard	Cheyenne	WY	2/18/2015	Wintercount, Maricopa, AZ
26		83x	John Whittaker	Grinnell	IA	5/15/2015	Osage Knap-in, Booneville, MO
27		83x	Kevin DeChant	Jefferson City	MO	5/17/2015	Osage Knap-in, Booneville, MO
28		83	Jerry Nevins	Jefferson City	MO	3/15/2015	Columbia, MO
29		83	Randy Whaley	Leon	WV	5/16/2015	Cedar Lakes State Park, WV
30		82xx	Lawrence Ariel III	Huntland	TN	5/1/2015	Old Stone Fort, Manchester, TN
31		82xx	Teddy Eyster	Oakland	CA	4/18/2015	Sugarloaf, Walnut Creek, CA
32		82x	Allan Turner	Scottsbluff	NE	2/20/2015	Wintercount, Maricopa, AZ
33		82x	Scott Van Arsdale	Otego	NY	4/25/2015	Earth Day, Elmira, NY
34		82	Chris Henry	Vancouver	WA	3/18/2015	Valley of Fire, NV
35		81	Eric Botte	Druelle	FRANCE	4/18/2015	Tautavel, France
36		81	Erich Zeh	Phillipsburg	NJ	5/17/2015	Jersey Rock and Shoot, Washington, NJ
37		81	Fabrice Brutus	unknown	FRANCE	5/31/2015	Nemours, France
38		81	Greg Maurer	Vergennes	VT	2/21/2015	Silver River State Park, Silver Springs, FL
39		80xx	Bob Bronish	Washington	NJ	5/16/2015	Jersey Rock and Shoot, Washington, NJ
40		80	Bernard Bouffier	Bruniquel	FRANCE	3/8/2015	Bruniquel, France
41		80	Glenn Purpura	Moab	UT	2/19/2015	Wintercount, Maricopa, AZ
42		79x	Jesse Martin	San Marcos	CA	3/18/2015	Valley of Fire, NV
43		79	Kevin Verhulst	Ottumwa	IA	4/25/2015	Granneman Field, Ottumwa, IA
44		79	Lawrence Ariel	Huntland	TN	5/2/2015	Old Stone Fort, Manchester, TN
45		79	Tom Mills	Pasadena	CA	3/20/2015	Valley of Fire, NV
46		78x	Christophe Jamon	Ceyssac	FRANCE	3/8/2015	Bruniquel, France
47		78	Bob Berg	Candor	NY	2/21/2015	Silver River State Park, Silver Springs, FL
48		77	Roger Granneman	Ottumwa	IA	4/24/2015	Granneman Field, Ottumwa, IA
49		76x	Olivier Daviau	unknown	FRANCE	5/31/2015	Nemours, France
50		76	Alain Lacoste	Toulouse	FRANCE	4/19/2015	Tautavel, France
51		76	Frank Lukes	Lafayette	IN	3/21/2015	Valley of Fire, NV
52		76	Mathieu Lacoste	Toulouse	FRANCE	4/19/2015	Tautavel, France
53		76	Yann Barbotte	unknown	FRANCE	5/31/2015	Nemours, France
54		74	Clancy Collins	Durango	CO	2/20/2015	Wintercount, Maricopa, AZ
55		74	Dave Patterson	Ashland	MO	5/3/2015	Pomme de Terre, MO
56		74	Glenn Oechsner	Campbellsport	WI	6/6/2015	Oechsner's, Campbellsport, WI
57		74	Levi Miller	Brockway	PA	6/6/2015	George Miller's, Brockway, PA
58		74	Richard Beavers Jr	Waverly	NY	4/26/2015	Earth Day, Elmira, NY
59		73x	Claude Castan	Toulouse	FRANCE	3/8/2015	Bruniquel, France
60		73	Brian Wagner	Truxton	MO	2/8/2015	Columbia, MO
61		73	Bruce Weidman	Walnut Creek	CA	3/21/2015	Sugarloaf, Walnut Creek, CA
62		73	Tom Goble Sr	Elmira	NY	4/24/2015	Earth Day, Elmira, NY
63		72x	Christian Carrière	Montauban	FRANCE	3/8/2015	Bruniquel, France
64		72	Ken Villars	Apple Valley	CA	3/20/2015	Valley of Fire, NV
65		72	Michael Hermann	San Clemente	CA	3/18/2015	Valley of Fire, NV
66		72	Steve Barnett	Pomeroy	OH	6/6/2015	Athens Library, Athens, OH

67	71xx	Matthew	Ciarapica	Leon	WV	5/17/2015	Hoka Hey Farm, Leon, WV
68	71	Christien	Carriere	Montauban	FRANCE	4/18/2015	Tautavel, France
69	71	Lenny	Riemersma	Cascade	WI	5/1/2015	Wausau School Forest, Mosinee, WI
70	71	Stephane	Madelaine	Les Eyzies	FRANCE	6/14/2015	St Paulien, France
71	70	Brian	Manning	Westtown	NJ	5/16/2015	Jersey Rock and Shoot, Washington, NJ
72	70	Hunter	Miller	Brockway	PA	6/6/2015	George Miller's, Brockway, PA
73	70	Shane	Ryker	unknown	WY	6/6/2015	Trail's End, Cheyenne, WY

### 2015 ISAC Results for Women (50 and above)

Place	* Tie Placement	Score	Name	Home	St	Date	Contest
1		81x	Debbie Andrews	Albany	OH	6/6/2015	Athens Library, Athens, OH
2	*	75	Dawn Wagner	Truxton	MO	2/8/2015	Columbia, MO
3	*	75	Mariah Sheppard	Cheyenne	WY	5/16/2015	Trail's End, Cheyenne, WY
4	*	75	Ursula Räss	Nidau	SWITZERLAND	6/13/2015	St Paulien, France
5	*	74	Sue Mercer	Attica	NY	2/21/2015	Wintercount, Maricopa, AZ
6	*	74	Margie Takoch	Wintersville	OH	2/21/2015	Silver River State Park, Silver Springs, FL
7		72	Nisa Holbrook	Charleston	WV	5/17/2015	Hoka Hey Farm, Leon, WV
8		70	Deanne Weidman	Walnut Creek	CA	4/18/2015	Sugarloaf, Walnut Creek, CA
9		69	Sandra Riviere	Tautavel	FRANCE	4/19/2015	Tautavel, France
10		66	Anita Lukes	West Fayette	IN	5/16/2015	Osage Knap-in, Booneville, MO
11		65	Shannon Santos	Spencer	NY	4/26/2015	Earth Day, Elmira, NY
12		64	Anne Feltovich	Clinton	NY	3/20/2015	Valley of Fire, NV
13		64	JoAnne Fogelman	Turbotville	PA	5/15/2015	Jersey Rock and Shoot, Washington, NJ
14		62x	Priscille Lacoste	Toulouse	FRANCE	4/18/2015	Tautavel, France
15		59	Mary Riemersma	Cascade	WI	6/6/2015	Oechsner's, Campbellsport, WI
16		58	Regina Dodson	Cheyenne	WY	1/1/2015	Trail's End, Cheyenne, WY
17		58	Lori Majorsky	Derry	PA	6/2/2015	Sortore Farm, Friendship, NY
18		57	Dayna Turner	Durango	CO	5/29/2015	Durango, CO
19		55	Barbara Spencer	Trenton	MO	4/26/2015	Granneman Field, Ottumwa, IA
20		55	Gizzy Rowe	Sayre	PA	4/26/2015	Earth Day, Elmira, NY
21		54	Françoise Agneray	Montauban	FRANCE	3/8/2015	Bruniquel, France
22		53x	Carey McCormack	Vancouver	WA	3/22/2015	Valley of Fire, NV
23		53	Andy Held	Hermann	MO	3/7/2015	Columbia, MO
24		53	Cheri Hughes	Durango	CO	5/21/2015	Durango, CO
25		52	Mary Granneman	Ottumwa	IA	4/24/2015	Granneman Field, Ottumwa, IA
26		50	Lylah Jarvis	Laguna Beach	CA	3/22/2015	Valley of Fire, NV
27		50	Barbara Villars	Apple Valley	CA	3/22/2015	Valley of Fire, NV

### 2015 ISAC Results for Youth (40 and above)

Place	* Tie Placement	Score	Name	Home	St	Date	Contest	AGE
1		88	Chad Winkler	Bayfield	CO	2/17/2015	Wintercount, Maricopa, AZ	15
2		84x	Marlin Bassett	Warsaw	NY	5/24/2015	Spear-Fishing Derby, Letchworth State Park, NY	12
3		83x	Fanny Jamon	Ceyssac	FRANCE	3/7/2015	Bruniquel, France	15
4		83	Lucie Jamon	Ceyssac	FRANCE	6/13/2015	St Paulien, France	15
5		82x	Will Klumpenhower	Durango	CO	2/19/2015	Wintercount, Maricopa, AZ	14
6		81	Corentin Deppe	illegible	FRANCE	4/19/2015	Tautavel, France	15
7		78	Peter Oles	Durango	CO	5/21/2015	Durango, CO	14
8		72x	Caleb Gates IV	Durango	CO	2/18/2015	Wintercount, Maricopa, AZ	12
9		66	Laurine Calpena	unknown	FRANCE	6/13/2015	St Paulien, France	15
10		65	Guilherme Floury	Lavercantiere	FRANCE	6/14/2015	St Paulien, France	15
11		64	Carter Ashley	Estill Springs	TN	5/3/2015	Old Stone Fort, Manchester, TN	12
12		57x	Brady McCaw	Durango	CO	5/29/2015	Durango, CO	12
13		54	Lucas Yates	Ottumwa	IA	4/24/2015	Granneman Field, Ottumwa, IA	13
14		53	Makenna Coleman	Durango	CO	2/15/2015	Wintercount, Maricopa, AZ	13
15		53	Peyton Rude	Durango	CO	5/29/2015	Durango, CO	13
16		48	Quin Crist	Durango	CO	4/23/2015	Durango, CO	13
17		45x	Julian Tillotson	Durango	CO	2/19/2015	Wintercount, Maricopa, AZ	13
18		43	Guillaume Calpena	illegible	FRANCE	4/19/2015	Tautavel, France	14
19		43	Brandon Hartman	Warsaw	MO	5/2/2015	Pomme de Terre, MO	15
20		42	Dylan McCaw	Durango	CO	5/29/2015	Durango, CO	10
21		40	Logan Peck	Athens	PA	4/25/2015	Earth Day, Elmira, NY	13

\*indicates ties which have been placed in their proper order, using the tie breaker rule

## North American Atlatl Competition Events for 2015

July 23 - 26	Atlatl Rattle at Green Flats - Hancock, <b>New York</b> ISAC, locals and NYAA events (Individuals, Hunters & European). A New York Atlatl Association, Inc. sponsored and insured event. Final Team Championships held on the grounds of Ray Turner's Casa de Fumo. For more information contact Douglas Bassett at (585) 493-3625 or <a href="mailto:Douglas.Bassett@parks.ny.gov">Douglas.Bassett@parks.ny.gov</a> .
July 25-26	Hell Gap Mammoth Hunt atlatl throw & ISAC Hell Gap Site, <b>Wyoming</b> Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Russell Richard <a href="mailto:coyotecdown@aol.com">coyotecdown@aol.com</a> (307) 772-0550 for location and time.
July 25	Kanawha State Forest (near Charleston, <b>WV</b> ) from 10:00 a.m. - 3:00 p.m. Both the ISAC and WV state will be thrown. Contact Nisa Holbrook [304-410-8697 / <a href="mailto:nisaholbrook@aim.com">nisaholbrook@aim.com</a> ] or Randy Whaley [304-812-0599] for more information.
July 25	Ashland, <b>MO</b> ISACs only. All day. For directions call, text or email: Jerry Nevins at (573) 353-5313 or <a href="mailto:wdhd@aol.com">wdhd@aol.com</a>
Aug. 7	15th Annual 'That Dam ISAC', Albany <b>Ohio</b> Friday evening 5:00 pm - dark (or thereabouts) on pond dam at Steve Barnett's house near Albany, Ohio. Contact Steve Barnett <a href="mailto:barnz@juno.com">barnz@juno.com</a> (740) 698-6553 or Ray Strischek <a href="mailto:ohioatlatl@hotmail.com">ohioatlatl@hotmail.com</a> (740)331-4351
Aug. 8-9	16th Annual Albany <b>Ohio</b> Atlatl Contests, Albany Riding Club, corner of Ohio State Route's 32 and 681. ISAC and Ohio Atlatl Association local events. Contact Steve Barnett <a href="mailto:barnz@juno.com">barnz@juno.com</a> (740) 698-6553 or Ray Strischek <a href="mailto:ohioatlatl@hotmail.com">ohioatlatl@hotmail.com</a> (740)331-4351
August 8-9	Summer break ISAC throw at Trenton, <b>MO</b> the home of Steve Spencer 3840 Oklahoma Ave beginning at <b>6:30 p.m.</b> Contact person Steve Spencer 660-359-3635, 660-654-3904 or email <a href="mailto:barbspencer@cebridge.net">barbspencer@cebridge.net</a> . Camping available at Crowder State Park.
August 8	ANCIENT WAYS - PRIMITIVE SKILLS, GAMES, CRAFTS 25 different activities Sugarloaf Open Space, Walnut Creek, <b>California</b> . 10 am - 2 pm Three atlatl ranges: ISAC, life-size Ancient Buffalo, & gully throw. Equipment and instructions provided. Contact Ranger Bruce Weidman at 925-943-5899 or <a href="mailto:weidman@walnut-creek.org">weidman@walnut-creek.org</a>
August 9	Durango Atlatl Club Event begins at 3:30 p.m. at the Columbine Christine School, 1775 Florida Road, Durango, <b>Colorado</b> For more information contact: James Turner (970) 946-2096 Email: <a href="mailto:el-lobo-solo@hotmail.com">el-lobo-solo@hotmail.com</a> Jim Hughes (070) 769-7463
August 15-16	Hot Blanket atlatl throw & ISAC. Cheyenne, <b>Wyoming</b> Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Russell Richard <a href="mailto:coyotecdown@aol.com">coyotecdown@aol.com</a> (307) 772-0550 for location and time.
August 27 -30	Stone Tool Craftsman Show (Aug 27, 28 & 29 from 10:00 am - 5:00 pm) Highbanks Recreation Area, north end of Letchworth State Park - Castile, <b>New York</b> . 27th Annual Eastern Seaboard Atlatl Competition (State Round, Closest-to-Pin, Distance) August 21, 22, 23. ISAC, Hoop Toss, New York Atlatl Association Contests (National & International), Throw Over the Gorge Qualifiers & wooded Animal Round all for days. Handicapped Mammoth Hunt (Saturday); Long Distance Accuracy and atlatl Battle (Sunday). New York Atlatl Association, Inc. insured event Stone Tool Show contact: Dana & Kay Klein at 585-968-1577. For the Atlatl Competition contact Douglas Bassett 585-493-3625 or <a href="mailto:Douglas.Bassett@parks.ny.gov">Douglas.Bassett@parks.ny.gov</a> .
August 23	Durango Atlatl Club Event begins at 3:30 p.m. at the Columbine Christine School, 1775 Florida Road, Durango, <b>Colorado</b> For more information contact: James Turner (970) 946-2096 Email: <a href="mailto:el-lobo-solo@hotmail.com">el-lobo-solo@hotmail.com</a> Jim Hughes (070) 769-7463
Sept. 4-6	Flint Ridge Lithic Society Knap-In. - OAA will provide instruction and conduct atlatl accuracy contests. IASAC, ISAC, and Ohio locals. Lots of booths, flintknapping, crafts, etc. Friday afternoon through Sunday afternoon. Flint Ridge State Park Brownsville, <b>OH</b> Contact Ray Strischek for more information, ( <a href="mailto:ohioatlatl@hotmail.com">ohioatlatl@hotmail.com</a> ) 740-331-4351 or Steve Barnett ( <a href="mailto:barnz@juno.com">barnz@juno.com</a> ) 740-698-6553.
Sept. 4-7	Mattoon Rendezvous, Mattoon, <b>Wisconsin</b> Sept. 4-6 - various competitions, ISAC Sept. 7 - ISAC (A.M. only) Contact Gordy Behrendt (262) 334-5099 Can also call (920) 528-7454 or e-mail at <a href="mailto:lenmaryr@excel.net">lenmaryr@excel.net</a> or <a href="mailto:wisatlatl@gmail.com">wisatlatl@gmail.com</a>
Sept. 5-6	Cool Blanket atlatl throw & ISAC. Cheyenne, <b>Wyoming</b> Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Russell Richard <a href="mailto:coyotecdown@aol.com">coyotecdown@aol.com</a> (307) 772-0550 for location and time.
Sept. 5-7	First Peoples Buffalo Jump State Park, Ulm <b>Montana</b> . This Labor Day weekend the annual Montana Atlatl Mammoth Hunt will be held at the scenic and sacred grounds of First Peoples' Buffalo Jump State Park! You will have the opportunity to learn about and practice throwing a 10,000 year old type of weapon that predates the bow and arrow. Regional members of the World Atlatl Association featuring Jim Ray, Archery expert Craig Compher and Flint Knapper Don Safford will be on hand to teach you the skill of Archery, observe how to flint knapp a knife, throw tomahawks and enjoy the environment in a tipi encampment with a traditionally built pow wow arbor! This is a great opportunity to come out and relive the old west in a traditional setting only at First Peoples' Buffalo Jump State Park, home of the largest Buffalo Jump in North America. For more information contact: Clark Carlson-Thompson (Park Ranger) (406) 866-2217 or <a href="mailto:ccarlson-thompson@mt.gov">ccarlson-thompson@mt.gov</a>



Sept. 10 - 13	<b>28th ANNUAL MEETING OF THE WORLD ATLATL ASSOCIATION</b> Cahokia Mounds World Heritage Site, Collinsville, <b>Illinois</b> . ISAC and US Open on Thursday and Friday afternoons (after 2:00 PM). On Saturday there will be the two main competitions - European Round and Hunter's Challenge as well as the ISAC and US Open. On Sunday morning there will be a final ISAC. On Saturday evening, starting around 5:00 p.m.: Pizza, Awards, WAA Meeting and Speaker. Registration will be \$5.00/per son; and pizza for Saturday evening will be \$5:00/person. There will be an additional \$5.00 entry fee for those who want to compete in the US Open. Contact: Ron Mertz, <a href="mailto:devoemertz@sbcglobal.net">devoemertz@sbcglobal.net</a> (314) 680-3596 or Jon Wood, <a href="mailto:jswood429@gmail.com">jswood429@gmail.com</a> (573) 881-6622. See the April 2015 ATLATL for additional information.
Sept. 11-13	17th Annual Ohio Pawpaw Festival., Lake Snowden, St. Rt. 32 Albany <b>Ohio</b> . <a href="http://www.ohiopawpawfest.com">www.ohiopawpawfest.com</a> ISAC and Ohio Atlatl Association local events. Contact Steve Barnett <a href="mailto:barnz@juno.com">barnz@juno.com</a> (740)698-6553 or Ray Strischek <a href="mailto:ohioatlatl@hotmail.com">ohioatlatl@hotmail.com</a> (740)331-4351
Sept. 12	Wyoming Archaeology Awareness celebration and ISAC Laramie, <b>Wyoming</b> Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Russell Richard <a href="mailto:coyotecdown@aol.com">coyotecdown@aol.com</a> (307) 772-0550 for location and time.
Sept. 12-19	Rexburg, <b>Idaho</b> , Rabbit Stick Primitive Skills Gathering Will throw ISAC each morning for eight (8) days. Contact Bob Kitch for more information at: <a href="http://backtracks.net">backtracks.net</a> or (541) 806-4771.
Sept. 18 - 20	Letchworth State Park - Castile, <b>New York</b> ISAC (Friday 4pm - Sunday 4pm) and local events except during Heritage Day noted below. NYAA fully insured event "Native American Heritage Day" 10 am - 4 pm on Saturday September 19, with Native American Dance, Crafts and Food. Nearby camping, cabins and lodging available. For information contact Douglas Bassett at 585-493-3625 or <a href="mailto:Douglas.Bassett@parks.ny.gov">Douglas.Bassett@parks.ny.gov</a> .
Sept. 18	<i>Atlatl Workshop</i> Chimney Point State Historic Site 8149 VT Route 17W Addison, <b>VT</b> 05491 Contact Elsa Gilbertson at (802) 759-2412 Email: <a href="mailto:elsa.gilbertson@state.vt.us">elsa.gilbertson@state.vt.us</a> for competition details, including fees.  Atlatl experts Bob and Cheryl Berg of Thunderbird Atlatl teach traditional and modern techniques of atlatl and dart construction, flint knapping, hafting stone points, and cordage making. Enjoy atlatl lore and coaching on the use of your new atlatl. Bob's been here each of the 20 years of this event! \$65 includes instruction and materials. Pre-registration required. Vermont Archaeology Month program. Noon - 5:00 PM
Sept. 19 - 20	Chimney Point State Historic Site 8149 VT Route 17W, Addison, <b>VT</b> 05491 Contact Elsa Gilbertson at (802) 759-2412 Email: <a href="mailto:elsa.gilbertson@state.vt.us">elsa.gilbertson@state.vt.us</a> for competition details, including fees.  Atlatl and ISAC Competition, <b>20<sup>th</sup> Annual Northeastern Open Atlatl Championship</b>  On Saturday, Sept. 19th participate in or watch this annual championship, in its 20 <sup>th</sup> year. ISAC, distance, and accuracy competitions. The sport of using the atlatl to throw darts is based on the ancient hunting technique. Demonstrations and workshops on flint knapping, Woodland pottery, and other crafts and skills. Vermont Archaeology Month program. 10:30 - 4:30 PM. On Sunday, Sept. 20th, participate in the second morning of the Atlatl International Standard Accuracy Competition (ISAC).
Sept. 19	Graham Cave State Park, Danville, <b>Missouri</b> . Archaeology Day. We will teach and demonstrate from 10:30am until 1:30pm. ISAC at 2:00pm Contact Jon Wood <a href="mailto:jswood429@gmail.com">jswood429@gmail.com</a> (573)881-6622, Ron Mertz <a href="mailto:devoemertz@sbcglobal.net">devoemertz@sbcglobal.net</a> (314)680-3596
Sept. 20	Durango Atlatl Club Event begins at 3:30 p.m. at the Columbine Christine School, 1775 Florida Road, Durango, <b>Colorado</b> For more information contact: James Turner (970) 946-2096 Email: <a href="mailto:el-lobo-solo@hotmail.com">el-lobo-solo@hotmail.com</a> Jim Hughes (070) 769-7463
Sept. 25-27	The 18th. annual Bois D' Arc Primitive Skills Camp & Knap-In at Hulston Mill Historic Park near Greenfield, <b>MO</b> . ISAC's to start after lunch on Friday the 25th. and throughout the day on Saturday the 26th. Instructions and equipment will be available for anyone wanting to try using this ancient hunting method. For more info: <a href="http://www.boisdarc.info">www.boisdarc.info</a>  Contact: Jerry Nevins @ 573-353-5313 or <a href="mailto:wdhd@aol.com">wdhd@aol.com</a>
Sept. 25-27	<b>Smoky Hollow</b> , Cascade, Wi. ISAC, & Atlatl and Archery events Contact: <b>(920)917-0335</b>
Sept. 25-27	Hoka Hey Farm, Leon, <b>WV</b> . Events will include the ISAC, WV State, 18-hole atlatl golf course, Mammoth throw, butt & knee throw, oposite hand, tree stand, extreme obstacle course and running deer target. Contact Nisa Holbrook [304-410-8697 / <a href="mailto:nisaholbrook@aim.com">nisaholbrook@aim.com</a> ] or Randy Whaley [304-812-0599] for more information.
Oct. 1	Durango Atlatl Club Event begins at 3:30 p.m. at the Columbine Christine School, 1775 Florida Road, Durango, <b>Colorado</b> For more information contact: James Turner (970) 946-2096 Email: <a href="mailto:el-lobo-solo@hotmail.com">el-lobo-solo@hotmail.com</a> Jim Hughes (070) 769-7463
Oct. 2-4	Old Stone Fort State Archaeological Park, <b>Tennessee</b> ISACs during the Fall Knap-In: on the 2 <sup>nd</sup> at 3:00 p.m. , 3 <sup>rd</sup> at 3:00 p.m. , and the 4 <sup>th</sup> time T.B.A. Atlatl trail challenge on the 3 <sup>rd</sup> time T.B.A. For any further questions please contact Ranger Jamie Hambrock at <a href="mailto:jamie.hambrock@tn.gov">jamie.hambrock@tn.gov</a> or call park office at (931) 723-5073: Old Stone Fort State Archaeological Park, 732 Stone Fort Drive, Manchester TN 37355.

Oct. 2-4	28th Annual The Plains Indian Mound Festival at The Plains <b>Ohio</b> , across the street from The Plains Elementary School. OAA will provide instruction and conduct atlatl accuracy contests. IASAC, ISAC, and Ohio locals. Friday afternoon to Sunday afternoon. Indian Mounds Festival Connett Rd. The Plains, <b>OH</b> Contact Ray Strischek (ohioatlatl@hotmail.com) 740-331-4351, or Steve Barnett (barnz@juno.com) 740-698-6553 for more information.
Oct. 2-4	New England Atlatl Day Hammonasset Beach State Park, Madison <b>CT</b> Event to be held in conjunction with the Friends of Hammonasset Native American Festival Sat. And Sun. ISAC Friday afternoon – Sunday until 1:00 Woolly Mammoth and Local events Saturday 10-3 For information contact: Gary Nolf at <a href="mailto:gnolf@comcast.net">gnolf@comcast.net</a> 860-575-4263
Oct. 3-4	Falling Blanket atlatl throw & ISAC. Cheyenne, <b>Wyoming</b> Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Russell Richard <a href="mailto:coyotecdown@aol.com">coyotecdown@aol.com</a> (307) 772-0550 for location and time.
Oct. 10-11	Horicon Marsh, Horicon, <b>Wisconsin</b> Demo and ISAC Contact Glen Oechsner (920) 533-5039 Can also call (920) 528-7454 or e-mail at <a href="mailto:lenmaryr@excel.net">lenmaryr@excel.net</a> or <a href="mailto:wisatlatl@gmail.com">wisatlatl@gmail.com</a>
Oct. 10-11	Candor Fall Festival, October 10, Side Hill Acres Goat Farm, State Route 96, Candor, <b>New York</b> . Atlatl contests, events, flea market, baked good, crafts and more. ISACs set for Saturday, Oct. 10 throughout day and Sunday, October 11, at 10 a.m. For further information contact: Robert and Cheryl Berg at <a href="mailto:contact@thunderbirdatlatl.com">contact@thunderbirdatlatl.com</a> or 800-836-4520
Oct. 16-18	Missouri Days Atlatl Throw at Trenton <b>Missouri</b> fairgrounds. ISAC and Semi- 3-D Targets featuring extinct animals- Mammoth, Saber-Tooth, Dire-Wolf will be used during the throws on Friday evening at 6:00 p.m. and Saturday & Sunday around 10:00 a.m. Thousands attend Trenton's Missouri Days Festival which includes a 50 school band competition, Arts, Crafts, Flea market, Food vendors and now , an Atlatl competition. Come join the fun. For added information contact Scott Rorebeck 660-654-1741 <a href="mailto:srorebeck@yahoo.com">srorebeck@yahoo.com</a> or Steve Spencer 660-654-3904, 660-359-3635 <a href="mailto:barbspencer@cebridge.net">barbspencer@cebridge.net</a> Camping available at Crowder State Park.
Oct. 22	Durango Atlatl Club Event begins at 3:30 p.m. at the Columbine Christine School, 1775 Florida Road, Durango, <b>Colorado</b> For more information contact: James Turner (970) 946-2096 Email: <a href="mailto:el-lobo-solo@hotmail.com">el-lobo-solo@hotmail.com</a> Jim Hughes (070) 769-7463
Oct. 24	Dundee Sportsman's Club, Dundee, <b>Wisconsin</b> ISAC, European Round, 3-D targets, Running Pig Contact Lenny (920) 917-0335 Can also call (920) 528-7454 or e-mail at <a href="mailto:lenmaryr@excel.net">lenmaryr@excel.net</a> or <a href="mailto:wisatlatl@gmail.com">wisatlatl@gmail.com</a>
Oct. 30-31	Ohio ROAR Days - OAA will provide instruction and conduct atlatl accuracy contests. IASAC, ISAC, and Ohio locals. Friday evening (4:00) for atlatl, all day Saturday. Camping available. Zaleski State Forest, Lake Hope State Park Zaleski, <b>Ohio</b> Contact Ray Strischek for more information, (ohioatlatl@hotmail.com) 740-331-4351 or Steve Barnett (barnz@juno.com) 740-698-6553.
Nov. 1	Durango Atlatl Club Event begins at 3:30 p.m. at the Columbine Christine School, 1775 Florida Road, Durango, <b>Colorado</b> For more information contact: James Turner (970) 946-2096 Email: <a href="mailto:el-lobo-solo@hotmail.com">el-lobo-solo@hotmail.com</a> Jim Hughes (070) 769-7463
Nov. 7-8	Frosty Blanket atlatl throw & ISAC. Cheyenne, <b>Wyoming</b> Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Russell Richard <a href="mailto:coyotecdown@aol.com">coyotecdown@aol.com</a> (307) 772-0550 for location and time.
Nov. 28-29	Desperate Man throw. Cheyenne, <b>Wyoming</b> Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Russell Richard <a href="mailto:coyotecdown@aol.com">coyotecdown@aol.com</a> (307) 772-0550 for location and time.

**European Atlatl Competition Events for 2015**  
**CHAMPIONNAT D'EUROPE DE TIR AUX ARMES PREHISTORIQUE 2015**

date	site	département / province	pays	contact nom	prénom	adresse mail	
01-02 août	Santa Maria Maggiore		Italia	Silvera	Davide	<a href="mailto:zirbi2000@yahoo.it">zirbi2000@yahoo.it</a>	isac Sunday
01-02 août	La chapelle aux Saints	Corrèze	France	Mons	Roselyne	<a href="mailto:rose.mons@neandertal-musee.org">rose.mons@neandertal-musee.org</a>	isac Saturday
08-09 août	Archéopark / Boario Terme	Brescia	Italia			<a href="mailto:direzione@archeopark.net">direzione@archeopark.net</a> <a href="mailto:christian.foppa@hispeed.ch">christian.foppa@hispeed.ch</a>	isac Sunday
08-09 août	Mas d'Azil	Ariège	France	Sauer	Claus	<a href="mailto:claus.sauer@wanadoo.fr">claus.sauer@wanadoo.fr</a>	isac Saturday
15-16 août	Bruniquel	Tarn et Garonne	France	Bouffier	Bernard	<a href="mailto:mere.terre@wanadoo.fr">mere.terre@wanadoo.fr</a>	isac Saturday
22-23 août	Historial de Vendée	Vendée	France	Pouessel	Yannick	<a href="mailto:Arcbillebaude@aol.com">Arcbillebaude@aol.com</a>	isac Saturday
29-30	Teverga		Espagne	GARCIA	Clara	<a href="mailto:parquedelaprehistoria@princast.es">parquedelaprehistoria@princast.es</a> <a href="mailto:praquedelaprehistoria@recrea.asturias.e">praquedelaprehistoria@recrea.asturias.e</a>	
05-06 septembre	Gletterens	Fribourg	Suisse	Aeberhard	Doris	<a href="mailto:daeberhard@village-lacustre.ch">daeberhard@village-lacustre.ch</a>	
05-06 septembre	Monte Castillo	Cantabria	ESPANA	García Munúa	José Aurelio	<a href="mailto:jagmunua@hotmail.com">jagmunua@hotmail.com</a>	
12-13 septembre	Samara	Somme	France	Marchand	Patricia	<a href="mailto:p.marchand@somme.fr">p.marchand@somme.fr</a>	
12-13 septembre	Arudy	Pyrénées Atlantiques	France	Doux	Francis	<a href="mailto:office.de.tourisme.darudy@wanadoo.fr">office.de.tourisme.darudy@wanadoo.fr</a>	isac Saturday
19-20 septembre	Bad-Buchau		Deutschland	FOPPA	Christian	<a href="mailto:christian.foppa@hispeed.ch">christian.foppa@hispeed.ch</a>	isac Sunday
19-20 septembre	Zonhoven	Limburg	Belgie	Pirotte	Guido	<a href="mailto:guido.pirotte@zonhoven.be">guido.pirotte@zonhoven.be</a>	isac Sunday
26-27 septembre	ArcheoParc Val Senales		Italia	Niederkofler	Johanna	<a href="mailto:info@archeoparc.it">info@archeoparc.it</a>	
26-27 septembre	Riosta	Almeria Andalousie	España	Juna Miguel	Gonzalez Esteban	<a href="mailto:juanmiquelgonzalez81@hotmail.com">juanmiquelgonzalez81@hotmail.com</a>	
03-04 octobre	Bougon	Deux-Sèvres	France	Aubugeau	Rodolphe	<a href="mailto:rodolphe.aubugeau@cg79.fr">rodolphe.aubugeau@cg79.fr</a>	isac Saturday
10-11 octobre	Pinar	Granada	España	Martinez	Celedonio	<a href="mailto:celemartinez68@hotmail.com">celemartinez68@hotmail.com</a> ; <a href="mailto:ayuntamientodepinar@hotmail.com">ayuntamientodepinar@hotmail.com</a>	
10-11 octobre	Saint Just	Ille et Vilaine	France	Leroux	Aurore	<a href="mailto:aurore.leroux.cpie@orange.fr">aurore.leroux.cpie@orange.fr</a>	isac Saturday
23-24 octobre	Brassempouy	Landes	France	CHARTIER	Christophe	<a href="mailto:musee.maisondame@wanadoo.fr">musee.maisondame@wanadoo.fr</a>	isac Saturday
07-08 novembre	Ramioul prehistomuseum	Liège	Belgique	Lepers	Christian	<a href="mailto:christian.lepers@yahoo.fr">christian.lepers@yahoo.fr</a>	isac Saturday
14-15 novembre	Auneau	Eure et Loir	France	Brutus	Fabrice	<a href="mailto:fabrice.brutus@inrap.fr">fabrice.brutus@inrap.fr</a>	



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World Atlatl Association Web Site:

*[Worldatlatl.org](http://Worldatlatl.org)*



**The WORLD ATLATL ASSOCIATION. Inc.**



*Rock art from Little Lake, CA*