

# The **ATLATL**

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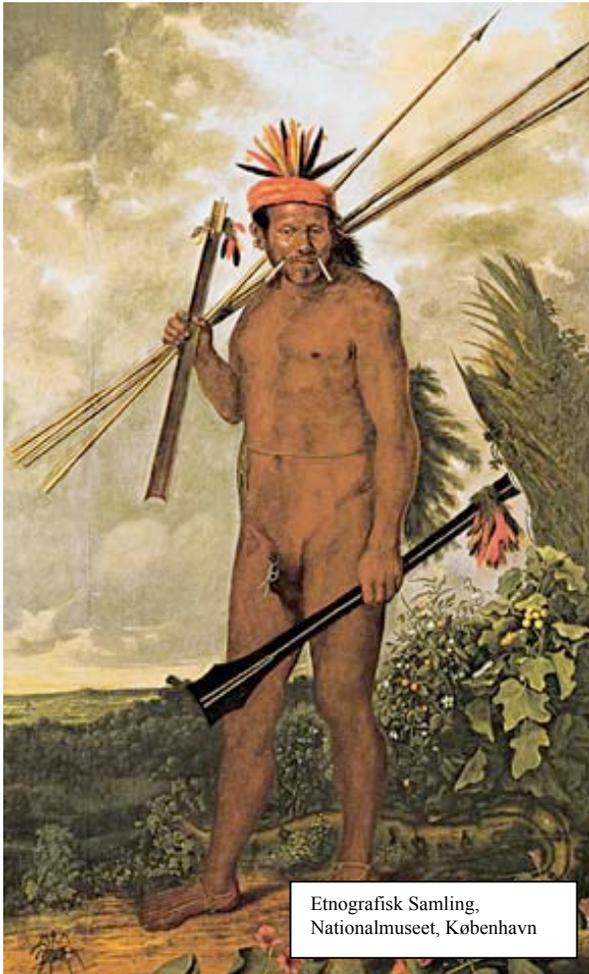
## **The Atlatl as Combat Weapon in 17th-Century Amazonia: Tapuya Indian Warriors in Dutch Colonial Brazil**

by **Dr. Harald E.L. Prins**  
Kansas State University



Etnografisk Samling, Nationalmuseet, København

**Perhaps** the most fascinating but, oddly enough, little noticed ethnographic detail on two large 17th-century paintings representing Amazonian Indian warriors in northeastern Brazil is the wooden spearthrower, or atlatl. These tribesmen were Tarairiu, an ethnic group of migratory foragers ranging the mountainous hinterland of Ceará and Rio Grande do Norte. Together with other tribes inhabiting the sertão, the semi-arid highlands in the interior, they were more generally known as Tapuyas, a depreciative term for “foreigners,” “barbarians,” or “enemies” in the language of their Tupi neighbors inhabiting the coastal tropical forests. Feared like the Mohawk in northeast America, these “savages” were recruited by Dutch commanders as native guerillas in military campaigns against Portuguese colonists in 17th-century Brazil. Reported to have been cannibals, these Tarairiu were described by Zacharias Wagener about 1640 as “extraordinarily tall, strong, and well built. These savage men with rough dark skin and long black hair walk around completely naked. ... They run with incredible speed and, completely naked, they jump among thorns and thistles, letting out terrible cries and attacking their enemies with great uproar, defeating them with chants and dances” (cited in Werner 2005).



Etnografisk Samling,  
Nationalmuseet, København

Indigenous allies of Dutch troops in coastal Brazil since the mid-1630s, these Tarairiu quickly gained a diabolic reputation. As also attested by a line in this old Dutch poem: “Zelfs by *Tapoyers*, dat onmensch'lyk wreed Geslagt, By wien het Menschen-vleesch voor Wild-braad werd geagt” [“Even with *Tapuyas*, that inhumanly cruel stock, by whom Human-flesh is esteemed as wild game”].

Among the most spectacular visual representations of American Indians in the early colonial period, these large oils depicting Tarairiu warriors equipped with atlatls, long javelins, and large wooden clubs were painted by Dutch artist Albert Eckhout (1610-1666). Originally hailing from Groningen City in the northern Netherlands, he sailed to Pernambuco on the northeast coast of Brazil in 1637. Together with another Dutch painter, several naturalists, architects, and other learned men he had joined Count Johan Maurits van Nassau-Siegen, the newly appointed Governor of New Holland, a Dutch colony of the West India Company (1630-1654). During his seven-year stay overseas, Eckhout resided in Mauritsstad, a new city built on a

small tropical island opposite Recife, and capital of the territory that extended from Sergipe on the south to Maranhão in the north. Traveling in the coastal lowlands, Eckhout encountered not only African slaves working on Portuguese and Dutch-owned sugar plantations, but also Indians, and, of course, a rich variety of mestizos, mulattoes, and zambos due to several generations of inter-ethnic sexual relations (see also Brienen 2006).

In their colonial scramble for Brazil, the Dutch first recruited Potiguara and Tabayara warriors, regional subdivisions of the Tupinamba, a far-flung ethnic group inhabiting large villages in the coastal lowlands from Cananéia in the south of the State of São Paulo to the mouth of the Amazon. Primarily depending on manioc, but also growing maize and other crops in their gardens, these two northern Tupi-speaking tribes had their own deep grievances against their Portuguese neighbors who had long dominated, exploited and mistreated them. After an indigenous Brazilian uprising against Portuguese settlers in 1624, the Dutch tried to capitalize on the turmoil and established a foothold in this rich sugar-producing colony. After a year, however, they were ousted. When the Dutch were forced to abandon their operation, a number of their Potiguara Indian allies boarded their ships and also sailed to the Netherlands, where they were interviewed by representatives of the West India Company in Amsterdam. These Tupi-speaking tribesmen informed the Dutch about other tribes hostile to the Portuguese, in particular “wild” nomads they called *Tapuyas*. Unlike Tupinamba archers, these highlanders were equipped with peculiar throwing-boards with which they hurled long darts or javelins (called *schigten* in Dutch) with deadly force and accuracy from a great distance (see also van den Boogaart 1999:104,117)

No doubt somewhat varying in length, these javelins were probably made of a two-meter long cane with a long, serrated, and poison-tipped hardwood point. The atlatl, as used by these Tarairiu warriors, was unique in shape. About 88 cms (35 inches) long and 3 to 4.5 cms (1½ inches) wide, this spear thrower was a tapering piece of wood carved of brown hardwood. Well-polished, it was shaped with a semi-circular outer half and had a deep groove hollowed out to receive the end of the javelin, which could be engaged by a horizontal wooden peg or spur lashed with a cotton thread to the proximal and narrower end of the throwing board, where a few scarlet macaw feathers were tied for decoration (Bahnsen 1889;

Métraux 1949:247). Thus equipped with their grooved atlatl, these warriors could throw their javelins with such accuracy, speed and force that these easily pierced through the protective armor of the Portuguese or any other enemy (see also Raymond 1986:173). Typically, while they hurled their javelins with their right arm, their left hand remained free to hold the hardwood club as a deadly weapon for close combat.

In 1630, the Dutch tried again, this time conquering Pernambuco and establishing a foothold at Recife. In the next few years, they expanded their colonial domain and recruited not only Tupinamba warriors armed with bows and arrows, but also Tapuyas from the mountain ranges in the hinterland, especially the tall cannibals belonging to the Tarairiu tribe who could strike terror in the hearts of their enemies. For their military services, these native guerillas were rewarded with gifts such as iron axes, knives, long nails, and fishhooks, as well as glass beads and sometimes clothing (van den Boogaart 1999:108-09).

When Count Johan Maurits van Nassau-Siegen arrived in Pernambuco in 1637, he successfully expanded Dutch colonial control in northeast Brazil during the seven years of his reign as governor of New Holland. Meanwhile, Eckhout made his series of beautiful paintings realistically portraying Brazilian Indian, African, and Creole individuals. When Johan Maurits left Brazil in 1644, Eckhout also returned to the Netherlands, together with a small cohort of Tupinamba and Tarairiu tribesmen. Ten years later, Dutch Brazil's former governor donated the set of 21 paintings by Eckhout to his cousin Frederik III, the King of Denmark, "a zealous collector of objects of art and books" (Birket-Smith 1952:682). This is how these "Tapuya" ended up in the Royal Chamber of Arts and Curios in Copenhagen. Three years later, this became part of what is now called the Danish National Museum.

But did the Dutch also bring any exotic ethnographic artifacts back from their short-term colony in Brazil? In fact, it now appears that Johan Maurits, nicknamed "the Brazilian," must have acquired at least one set of combat weapons from his Tarairiu allies, including an atlatl, four javelins, and a war club (as depicted on the portrait of the "Tapuya" warrior). This unique set probably arrived with the group of Eckhout paintings in the Danish royal collection and thus ended up in the Ethnographic Museum in Copenhagen. More than two centuries later, these artifacts were found and described in detail by the Danish museum ethnologist Dr. Kristian Bahnsen, who wrote his article in German and published it in *The Netherlands* in 1889.

Although their exotic images now circulate in cyberspace, the brave Tarairiu, equipped with their archaic but amazingly effective atlatls were exterminated as a people in the early 1700s (Lowie 1946b:563).



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**Note:** I would like to thank Dr. Christer Lindberg of Lund University. It was in his office that I saw a large poster of the "Tapuya" warrior, finally recognizing he was armed with an atlatl, an important detail I had somehow missed when viewing smaller reproductions of his portrait. Together with a group of his Swedish anthropology students we then visited the Danish National Museum and admired the original oils in March 2010.

## **Voting for the WAA Officers and Board Members**

According to the WAA bylaws for elections, the President appoints a nominating committee. This committee approaches possible candidates for open positions and arrives at a slate. I want to thank this year's committee for a job well done: Ron Mertz, Chair, Jack Rowe and Gary Nolf. I also want to thank all of the candidates for stepping forward and agreeing to run. Each is capable and qualified. The bylaws do allow for nominations from the membership. If you know of a WAA member who you would like to see on the ballot, contact that person to see if they are interested in willing. If they are, get a candidate statement and contact the WAA Secretary soon, as candidate information must be in the July newsletter. Voting will be by mail in ballot or in person at the Annual Meeting at Letchworth State Park in NY August 28th.

### **CANDIDATES FOR 2010 WAA ELECTIONS SELECTED BY THE NOMINATIONS COMMITTEE**

#### **PRESIDENT**

Lenny Riemersma, WI

My interest in the WAA began in 1996 with the first primitive gathering at Bois Blanc Island, Michigan. I took this interest back to Wisconsin, where we average eight atlatl events a year and one atlatl building workshop through the University of Wisconsin. I am active in educating the archery, hunting, and legislative communities regarding the history and dynamics of the atlatl. Since 1999, I have attended the WAA annual meetings, missing only one. I feel these experiences have prepared me to run as a candidate for the president of the WAA. If elected, I will ensure that the WAA maintains its high standards set by its founders. I believe in the desire to share knowledge of the atlatl & dart and keeping safety a high priority. I believe it is important to keep our veteran members and recognize the importance of their contribution to the WAA, while recruiting new members to our association. The membership is our greatest asset. We need to continue to support those that hold atlatl events that are fun, educational, and safe. To preserve and promote the WAA and its mission is the key to our success.

#### **TREASURER**

Richard B. Lyons, IN (Incumbant)

I have been an atlatlist for the past 52 years and have enjoyed every minute of it. I love going to as many events as I can during the year, making new friends and meeting old ones. Each year I teach several classes on the atlatl for the general public, students, and teachers. As a retired fireman I have found time to serve as WAA Treasurer since 2004. My goal if reelected, as your Treasurer is to make sure the money you spend on dues is wisely spent, accurately accounted for, and provides the best possible benefits.

#### **BOARD OF DIRECTORS**

Linda Brundage, NY

Also known by many only as the Ooga Booga "Lady of Darkness", I went to my first atlatl event in 1998 and have been "hooked" on the sport and consequent friends I have made ever since. I joined the World Atlatl Association in 1999. In January of 2006, I participated in the formation of the New York Atlatl Association and am past and present Secretary/Treasurer for both the NYAA, Inc. and the Genesee Valley Atlatl Association. I worked with several others to develop the NYAA, Inc. Constitution and By-Laws and with getting the organization incorporated and registered as a Not-For-Profit organization so that events in New York and neighboring states may be covered by insurance. Although I still enjoy the thrill of throwing, I believe when an organization has done so much for its members as the World Atlatl Association has done, it is up to each member to contribute back to the organization in any way possible. If elected, I look forward to learning from other members of the Board and in promoting our wonderful sport further.

Greg Maurer, VT

I have been involved with the atlatl since 2001 when I sat in on an introductory lecture at a museum in my home state of Vermont. When you combine the history, science and lore of this ancient instrument with the challenge of learning to effectively use it, what could be better? The role of the World Atlatl Association should be to encourage learning and participation in this unique sport. Beyond the physical challenge of performance and competition, the atlatl brings camaraderie and the opportunity to travel and network with a group of fine individuals from broadly diverse backgrounds. I've thrown ISAC's in four states. I've hosted a couple, but most

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were 200-400 miles from my home. I'm hooked! The board should continue its efforts to attract new members, to ensure safety, to maintain traditions and to promote gatherings and fun.

John Whittaker, IA (Incumbent)

Over the last 15 years, atlatling has been one of my most interesting research and teaching areas and where I connect with some of my best friends, and the WAA board has been about the only committee I really enjoy serving on. Efforts I feel are important to WAA include increasing membership and public outreach, and improving our scientific understanding of the atlatl. I introduce my college students and others to atlatls, take them to Cahokia, and host the Raging Cow Spring event, as well as organizing the WAA webpage and researching atlatl performance and archaeology.

Jon Wood, MO

I am honored to have been nominated for the World Atlatl Association's Board of Directors. I was hooked from my first throw and still feel the same enthusiasm to this day. I enjoy sharing this enthusiasm with others and believe this is the key to the future growth of our organization. I am currently serving as the Vice-President and Treasurer of the Missouri Atlatl Association. In the time that I have been a member of the WAA, I have hosted two posted events including a corporate sponsored event (Bass Pro) and the Fall Osage Knap-In Atlatl event as well as a local atlatl rabbit hunt and several demonstrations. I have helped with the hosting of other events and also have been before the Missouri Conservation Federation as well as the Conservation Department to advance the cause of the atlatl. I love the ISAC competition, organizing events, recruiting new members, my paleoplanet friends, and meeting and throwing with fellow atlatl enthusiasts.

Nominations Committee Statement

*This year the President and Treasurer, as well as three Board members will be chosen to serve WAA. Their duties will begin January 1, 2011. We believe the candidates listed above will contribute to the growth and viability of our organization.*

Gary Nolf, Jack Rowe, & Ron Mertz

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**From President Scott Van Arsdale**

Of note: there was interest in a U.S. atlatl championship. I broached the subject with Doug Bassett, the lead organizer of the Letchworth atlatl event. He developed a competition that will be held at Letchworth this year during the Annual Meeting weekend. This will not be an official WAA competition, but we felt since the event will likely be the largest gathering of atlatlists from around the U.S. this year, it would be the best venue for a head-to-head competition for the title. The competition will borrow ISAC rules and be conducted similarly. There will be elimination rounds, and the lucky finalists in each category will face off at a designated time and compete for the championship. There will be a small entry fee to cover the cost of trophies. Don't worry if you're not interested, there will be plenty of other fun atlatl activities to make attending the event very worthwhile. Hope to see you there!

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To The Editor:

I am reading "The Voyage of the Beagle" by Charles Darwin. On the second page of the chapter, (XIX), on Australia he makes reference to an atlatl:

January 16, 1836: "At sunset, a party of a score of the black aborigines passed by, each carrying, in their accustomed manner, a bundle of spears and other weapons. By giving a leading young man a shilling, they were easily detained, and threw their spears for my amusement. They were all partly clothed, and several could speak a little English: their countenances were good-humoured and pleasant, and they appeared far from being such utterly degraded beings as they have usually been represented. In their own arts they are admirable. A hat being fixed at thirty yards distance, they transfixed it with a spear, delivered by the throwing-stick with the rapidity of an arrow from the bow of a practiced archer." I wonder if in 1836 the word atlatl was used in a universal manner as it is today at least among enthusiasts and anthropologists. It is a pleasure to read the Atlatl newsletter particularly for anyone interested in anthropology and our evolutionary history.

Yours truly, Jim Sibbring

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# International Standard Accuracy Contest (ISAC)

As of Apr 10, 2010

## Men

1	95xx	Douglas Bassett	Warsaw NY	Wintercount - Maricopa, AZ
2	92	Bob Kitch	Husum WA	Wintercount Maricopa AZ- Maricopa,
3	90xx	Mike Waters	Howard NY	Jim's Pro Shop - Shortsville, NY
4	88xx	Emmanuel Guerton	FRANCE	FRANCE Monteneuf
5	86xx	Gary L Fogelman	Turbotville PA	Fogelman's - Turbotville, PA
6	84x	Tom Mills	Pasadena CA	Valley of Fire, NV
7	83	Jim Winn Laguna	Niguel CA	Valley of Fire, NV
8	82xxx	Lawrence Ariel	Huntland TN	Russell Cave National Monument- Bridgeport, AL
9	82xxx	Ken Villars Apple	Valley CA	Valley of Fire, NV
10	82	Ray Madden	Joplin MO	Valley of Fire, NV

## Women

1	75x	JoAnne Fogelman	Turbotville PA	Fogelman's - Turbotville, PA
2	61	Regina Dodson	Cheyenne WY	Atatl Park - Cheyenne, WY
3	60	Laura Kramer	Salem OR	Wintercount - Maricopa, AZ
4	54	Sue Mercer	Attica NY	Wintercount - Maricopa, AZ

## Youth

1	70	Jordan Ashley	Belvidere TN	Russell Cave National Monument- Bridgeport, AL	11
2	43x	Marlin Bassett	Warsaw NY	Jim's Pro Shop Shortsville NY	7

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### 2009 ISAC Year-end roundup By Scorekeeper John Whittaker

By the end of atlatl season 2009, 2264 scores had been recorded, up from 1748 in 2008, and 1770 in 2007. This welcome spurt of growth (an increase of over 500 scores!) is apparently largely due to a couple of "hot spots." Looking at the home states or countries of throwers, PA and NY have always produced large numbers of scores (281 and 362 this year) which reflects both lots of atlatlists who live there, and lots of events. Most of our international numbers are stable, but since 2007, French scores have more than doubled, to 250 this year. In the States, Wyoming has also more than doubled to 256, and Ohio shows a solid increase to 248. A round of applause to those who are holding events, attracting new and old throwers!

Cheers also to our high scorers this year - familiar names and new, with 106 men scoring 70 or above, 35 women scoring 50 or above, and 25 youths scoring 40 or better.

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### 2009 ISAC Highlights from the Youth, Top 25 and Aggregate Record Books by Douglas Bassett

The complete updated information can be found on the WAA website by clicking to the ISAC page from the Home Page and then scrolling down and clicking on the following documents: "Best Youth ISAC Scores by Age" and "ISAC Aggregate Records - '96-'09" and also check the "Top 25 List" near the top of the ISAC page.

One hundred youth threw ISACs in 2009 and eleven threw five or more times. Harold Eyster (86-2X - this year's

Youth Champion and top 10 youth score of all time), age 15 of Chelsea, MI and Nicolas Rebeix (77X), age 15 of France, both improved their ranking in the Top 25 List. Marlin Bassett (age 6) of Warsaw, NY, continues to lead as the most active thrower with a new record of 33 ISACs thrown this year (he is only a few games away from throwing the most career games of any youth in ISAC history). He scored in every game this year, and broke the record for any 6-year old in ISAC history on three occasions. His current record is 49 and he is tied for 12<sup>th</sup> in the most decorated youth in ISAC history at 27 points. Three other 6-year olds threw this year and Carter Ashley (score 35) of Belvidere, TN also tied the former record held by Hunter Miller. Harold Eyster and Torin Tindongan (age 15) of Albany, OH became the first youths in ISAC history to have competed for nine years. The following, not already mentioned, youth all scored above average in their age groups: Vanessa Schlatter (age 13) of Switzerland scored 76; Jordan Ashley (age 11) of Belvidere, TN scored 69; Hunter Miller (Age 10) of Brockway, PA scored 61 and Quay Fogelman (age 6) of Goose Creek, NC scored 29. There are currently a total of 68 youth that have thrown 5 or more ISACs in a single year with new additions as follows (total games are in parentheses): Malaya Tindongan (9) and Amihan Tindongan (8) of Albany, OH; Quay Fogelman (6) and Jesse Trumbul (6) and Tylor Trumbul (6) of Woodhull, NY.

Also, **Congratulations to the Graduating Class of 2009!** They are the first class to graduate two Youth champions (Harold Eyster - 86-2X in '09 and Nate Miller of Wausau, WI - 86 in '08) and they are the first class to exceed 100 decoration points (Nate Miller - 40 points, Harold Eyster - 35 points, and Levi Miller (high

score of 79 at age 13) of Brockway, PA - 29 points). Other members of their class are Francesca Bajardi of Italy (high score of 7 at age 6), James Ervin of Athens, OH (high score of 41 at age 11), Mattieu LaCoste of France (high score of 42 at age 12), Robbie Meadows of Huntington, MD (high score of 64 at age 15) and Trevor Stageman of Campbell Sport, WI (high score of 60 at age 13).

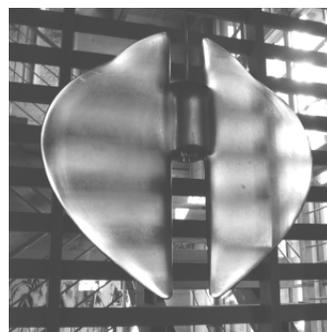
One hundred thirty-eight women threw ISACs in 2009 and thirty-three threw five or more times. Melissa Dildine of Sayre, PA continues her dominance: the only woman to score more than 400(443) points in the Total Point Aggregate Standings; the only woman to throw more than 300(345) career ISACs; the only woman to score more than 20,000(24,025.8) career points; but, she loses her title of most career X's, by one, to Lori Majorsky (79) of Derry, PA. Devin Johns of Erie, PA increased her highest career average score to 73.97 and is joined by the second woman to average above 70, Sandra Riviere (70.96) of France. Debbie Andrews (77) of Albany, OH and Sue Mercer (75) of Attica, NY are new additions to the Top 25 List. JoAnne Fogelman (88-2X) of Turbotville, PA, Sandra Riviere (85-2X), Bonnie Sortore (84-X) of Friendship, NY and Devin Johns (84) of Erie, PA improved their Top 25 Scores. Devin Johns (76.15) had a personal high year-end average for those women competitors that have thrown 5 or more ISACs in a single year and averaged 55 or more. Two women joined the ranks of the 33 women who have averaged 50 or more points for at least five ISAC entries in a single year (with their Top 5 ISAC Aggregates following their names): Sandra Riviere (80.26) and Sue Mercer (60.40) of Attica, NY. Nine women joined the ranks of 91 women that have thrown 5 or more ISACs in a single year (with their game total following their names): Laura Kramer (9) of Salem, OR; Francoise Agneray (7) of France; Barbara Villars (7) of Apple Valley, CA; Kate Messina (6) of Westtown, NY; Patricia Plichon (6) of France; Solene Andre (5) of France; Jamie Bennett (5) of Waverly, NY; Rose Clark (5) of Cheyenne, WY and Debra Converse (5) of Nunda, NY.

Three hundred ninety-five men threw ISACs in 2009 and seventy-seven threw five or more times. Together they threw a new record of 91 scores of 90 or better beating last year's record of 79. Gary Fogelman of Turbotville, PA continued his leadership as: the only man to score more than 1400(1460) points in the Total Point Aggregate Standings; the only person to throw more than 400(408) career ISACs; the only person to score more than 30,000(34,087.1) career points and the only person to have thrown more than 275(291) career X's. Douglas Bassett of Warsaw, NY is the first person to have more than 100 (125) career games scoring 90 or better. Douglas (95.66) also had his third year of a Top 5 ISAC Aggregate of 95 or more. He also set records in every five-game increment from 10 through 45. Douglas Bassett (97-XXX) and Mamerto Tindongan (93-X) of Albany, OH improved their rankings in the Top 25 List. Len Riemersma (95-X) of Cascade, WI; Ted Eyster (93-XX) of Chelsea, MI; Philippe Guillonnet (92-XX) of France; Laurent Bernat (92-XX) of France; Gary Sipila (90-XX) of Hewitt, NJ; Jerome Galetti (90-XX) of France and Jim Ray (90-X) of Tiger Butte, MT join the 49 men to score 90 or

better. Douglas Bassett (89.47), Doug Leeth (88.79), Mamerto Tindongan (86.96) and Laurent Bernat (86.28) had a personal high Year-end Aggregate. Jack Rowe (90.80) joined the ranks of the 14 men who have averaged 90 or more points in their Top 5 ISAC Aggregate. And hats off to Ray Strischek of Athens, OH who is the only person to throw five or more ISACs every year since the beginning in 1996 and has excelled each year, also, by being in the top five every year of the Total Point Aggregate Standings! Go Ray!

Twenty-two men joined the ranks of 260 men that have thrown 5 or more ISACs in a single year which was the most new "inductees" since 2001. Six of these men also joined the ranks of the 113 men who have averaged 70 or more points for at least five ISAC entries in a single year (with their Top 5 ISAC Aggregates following their names): Jim Winn (86.30) of Laguna Niguel, CA; Emmanuel Guerton (84.42) of France; Jon Wood (84.26) of Madison, MO; Bernard Bouffier (82.22) of France; Samuel Rooney (81.64) of New Zealand and Kevin Brauer (73.80) of Lamonte, MO. An additional three men also joined this 70 or more group for the first time having previously thrown 5 or more ISAC in a single year: David Sheppard (76.40) of Cheyenne, WY, Gary Sipila (72.28) of Hewitt, NJ and John Morris Sr (71.64) of Grand Isle, VT.

The following sixteen men are the rest of this group of twenty-two with the number of games that each threw in parentheses: Dane Britain (10) of Bellefontaine, OH; Chuck Schleigh (10) of Scottsville, NY; Christian Carriere (9) of France; Todd Peters (7) of Mascoutah, IL; Terry Kramer (7) of Salem, OR; Jerry Prah (7) of West Bend, WI; Ken Villars (7) of Apple Valley, CA; Cody Castle (5) of Sybillie, WY; Vincent Dimene (5) of France; Joe Hopkins (5) of Brooklyn, NY; Bret Hutchinson (5) of Coralville, IA; Joel Lucero (5) of Cheyenne, WY; David Rhodes (5) of Mascoutah, IL; Robert Rutherford (5) of Kenosha, WI; Shane Ryker (5) of Cheyenne, WY and Kevin Verhulst (5) of Ottumwa, IA.



**Bannerstone  
Cast glass, Stainless  
Steel Hardware  
35" x 36" x 8"**

Cast in blue glass at John Lewis Glass in Oakland, California, the sculpture graces a beautifully designed new home in Big Sky, Montana. Inspired by

neolithic balancing weights used by early man on throwing sticks, called atlatyls, it adds a quiet blue note that harmonizes nicely with the design of the house as a whole. <http://www.garwaterman.com/glass/single-gallery/3721064>

## Wintercount 2010

By Bob and Carol Sizemore

You couldn't ask for better weather: Warm, sunny days, cool breeze at night. Wintercount was off to a great start. Altalt events everyday, with archery included. What a treat to have Ron Mertz, his wife Pam, Douglas Bassett and Sue Mercer throw with us this year. We hope they had such a good time that they will decide to come back again next year.

The instructors were plentiful, the students eager to learn. Classes were busy during the day and the evenings were filled with fascinating stories, fantastic music and songs and fabulous fires. And we can't forget about the trade blanket, which always proves interesting.

This year was a First, something that I have been contemplating for awhile. We held our First Annual Combined Atlatl and Archery Field Round Competition. All rules and procedures were the same for both.

The atlatl's and bows got along very well together. Archery equipment was primitive as well as traditional. It was interesting to see how the archers aligned their shots for comparison with the atlatl. I'm including the results of the archery scores along with the atlatl results.

And, our Second Annual Night Atlatl Throw was a huge success. The visual effect was magical as the glow sticks, attached to darts, filled the night sky with color. The glow balloons were the perfect target. Everyone had a great time. We are thrilled that Charlie Tadano came up with this idea last year. He also supplies all the glow sticks and balloons. Thanks, Charlie.

Here are the competition results:

### Atlatl Field Round:

M: Douglas Bassett-97; Jim Gnapp-92; Bob Kitch-83  
W: Sue Mercer-49; Laura Kramer-48; Claire Cady-43  
Y: Rowan Meyerson-53; Joseph Turner-36; Lupin Nye-32  
J: Elizabeth Oliphant-21

### Archery Field Round:

M. Michael Morgart-125; Greg Nunn-101; Joe Debill-82  
W. Sue Mercer-30  
Y. Bridgette Crawford-25; Pei Robins-20

### Atlatl Distance Throw:

M. Douglas Bassett-546.155'; Win Meyerson-167.333'  
W. Heidi Hydrick-216.790'; Sue Mercer-214.085';  
Laura Kramer-169.645'  
Y. Joseph Turner-210.955'; Rowan Meyerson-178.745'  
Zachery DiStefano & Joseph Oliphant tied at 144.5'  
J. Elizabeth Oliphant-79.845'

Until we meet again, Health and Happiness,

.....  
"Everyone who got where he is has had to begin where he was." – **Robert Louis Stevenson**

## Farewell to a Wonderful Friend

Bette Morris of Grand Isle, VT

By Cheryl Berg

We were saddened to learn of the passing of our dear friend Bette Morris of Grand Isle, Vt. Bette and her husband, John, are well known on the Northeast atlatl circuit. John is an avid competitor and atlatl demonstrator/instructor. Bette didn't compete but she spent hundreds of hours supporting John at atlatl events and teaching probably hundreds of people how to use the atlatl. As short a time as this past September and October, Bette could be seen at atlatl events in Vermont, Connecticut and New York spending hours out on the atlatl range.



Bette was an amazing women with just as many amazing talents. When we first met her, we found out she raised silk worm caterpillars for their silk and then used the silk for a variety of projects. Then as we got to know her better, we found out she was a prolific artist, quilt maker, herbalist, dancer and on and on. She was a person with an unquenchable curiosity and huge creative skills. She was always working on one project or another. At her funeral, her paintings were hung throughout the room. On top of that, Bette could enthrall us with her humorous stories. We will miss her and her kind concern for everyone. We feel very fortunate that Bette and John came into our lives the last few years and treasure their friendship.

### Candor fall Festival

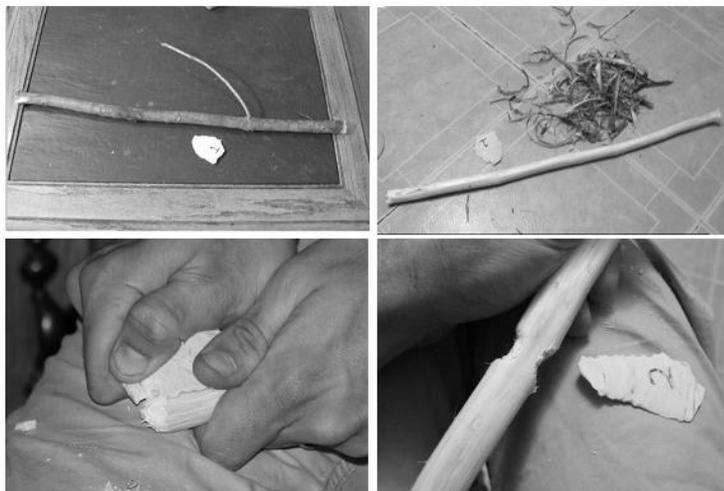
John Morris of Grand Isle, Vermont, was the Grand Champion of the Candor Fall Festival Pumpkin Challenge. Sue Mercer won the Women's Division. The weekend was chilly and breezy but a stalwart group of atlatlists participated in two days of local contests and ISACs. Thanks to



everyone who came and participated. A special thanks to Bette Morris, Doug Bassett, Sue Mercer, and Scott Van Arsdale for their help.

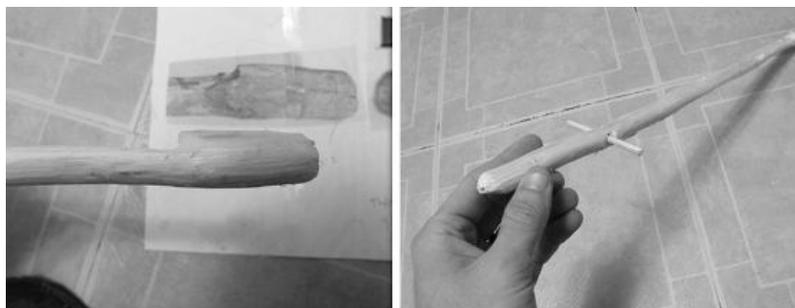
## An Experiment in the Replication of an intact Arkansas Bluff-Dweller Atlatl By Justin Garnett, Huey Tlatoani on Paleoplanet

Introduction: A complete atlatl artifact that has come to be known as the Ozark Bluff Dweller Atlatl was recovered from a rock shelter in Arkansas and described in *American Anthropologist*, N.S., vol. 26, 1924. This represents the only complete spear thrower recovered in the Ozark mountain region. Information about and measurements of this atlatl have been very difficult to piece together, as the original description of the atlatl was somewhat vague. Recently, (2009) good quality photographs of the artifact have come to light, and the inclusion of a centimeter scale bar in the image has allowed approximate measurements of the atlatl spur and handle to be made. The wood is unknown, but is of little real consequence-although woods have different inherent workability, they can be classified into several categories: Hard, soft, easy working, hard working. The authors view is that the wood used was likely sycamore (*Platanus occidentalis*) or Catalpa (*Catalpa speciosa*) due to the general look of the artifact, as well as the fact that both woods are available in the region where the artifact was recovered. Both woods are relatively soft and easy working. The hypothesis is that this is an expediently made instrument, perhaps even a survival weapon, made and used in a time of need by an individual who may have been separated from their people. This experiment is to test the time necessary to create a similar instrument using only stone tools. Description of critical dimensions of artifact: Overall length: 51cm Width of distal end (diameter) 1.95 cm Hook is raised ~1.95 cm from dorsal shaft surface to ventral hook tip. The hook is elevated ~.5cm from the bottom of the trough at its base. This means the dart it would have thrown would have had a nock diameter of approximately 1.0 cm.



Materials and Methods: Materials: catalpa branch, Small maple (*Acer saccharum*.) branch. Tools: Chert flake scraper (tool 1) Chert flake saw (tool 2) Chert tipped hand-drill (tool 3) Catalpa was selected as the wood for the replication, due to its availability-(the authors yard backs up to a large stand of catalpa). A slightly curved branch (the curve approximating that of the artifact) was selected by checking its diameter with a caliper. A piece was selected which was just under 2.0cm in diameter, to give a peeled diameter similar to the artifact (1.75cm at the distal end). The branch was approximately 19 inches long, to match the description of the original. The wood was worked when green (Catalpa, from the authors experience does not tend to check, or split, as it dries after

being worked green. Stone tool woodwork is much easier if performed on green wood. Tools used: Tool 1 is a thin, unretouched flake with sharp edges all around. Some are concave and other convex, making it a very useful tool for a variety of cutting and scraping tasks. Tool 2 is a large flake, which has been retouched into a saw-toothed cutting tool, the back edge of which doubles as a spokeshave and a drawknife. Tool 3 is a Chert tipped hand drill with a shaft of giant ragweed (*Ambrosia trifida*) stem. Primarily sawing and shaving accomplished shaping of the wood. Included is a list of actual times taken to perform these steps in manufacture. Times are rounded to the highest minute. Interesting to note is that the flake tools took almost no time to manufacture, and the drill was completed inside 9 minutes. Time taken for tasks: 1: Debarking: 6 minutes (tool 1). 2: Distal End shaping: 5 minutes (tool 2). 3:



Proximal end shaping: 5 minutes. 4: Trimming ends: 4 minutes (tool 1). 5: Hook shaping: 26 minutes (tools 1 and 2). 6: Cutting notches for drill seating: 5 minutes (tool 2). 7: Drilling peg hole: 2 minutes. 8: Peg-forming: 2 minutes (tool 1.) 9: Peg de-barking: 1 minute (tool 1) Total: 56 minutes, not counting a 15 minute break to get a snack and drink. Discussion: The entire construction process for this atlatl took under an hour for the author, who only has experience in stone tool use



acquired over the past year. Had he been an aboriginal Arkansan, who had used stone tools his entire life, the job would have unquestionably gone quicker. Also, in time, when the wood has seasoned, this unit will be sanded with horsetails (*Equisetum*). The measurements of the reproduction are as close to those of the original as possible, and will not be discussed in any detail. This timeframe of manufacture falls squarely within parameters of utilitarian production-no frills, just function. It is also an interesting notion (Highly speculative of course) that if this were in fact

an expedient atlatl, the peg-grip may not have been the cultural norm of the person producing it. The drilled peg may have been an innovation of the user, as a way to use a split finger grip without the need for resources and time to be wasted processing and producing leather loops. Whether this style was a cultural norm or not, the peg represents a far simpler and quicker to produce grip design than do finger loops-good economics for a people not overly concerned with aesthetics. The artifact may simply represent a Blue Collar atlatl, which surely existed in many cultures-even among peoples who produced great artwork, most likely used cruder instruments in their daily lives. Whereas speculation abounds, the only conclusion possible to make from this experiment is that this type of atlatl represents very little economic output to the user, and as such, most likely was not highly valued by this individual. Its loss (or abandonment) in the rockshelter probably didn't bother its crafter very much. I would like to thank Devin Pettigrew for supplying the photographs of the artifact, which is housed in the Museum of The American Indian. References: Spencer, L. 1974 Replicative Experiments in the Manufacture and Use of a Great Basin Atlatl. In *Great Basin Atlatl Studies*, by T.R. Hester, M.P. Mildner, and L. Spencer, pp. 37,60. Ballena Press Publications in Archeology, Ethnology, and History, 2. Ramona, Calif.

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### 2010 SAA Collinsville,IL

The Society of American Archaeologists convention was held in St Louis for 2010. The archaeologists were bussed over to the Cahokia Mounds in Collinsville, Il.. Missouri Atlatl Association set up a gauntlet of displays next to the sidewalk on both sides that everyone had to walk through. They demo'd and coached many people from all over the world about throwing the atlatl. It was nonstop action on Friday and Saturday. Here are pics taken by Bob Swope.



### North American Atlatl Competition Events for 2010

May 13-16	Atlatl competition in conjunction with the Spring Osage Knap-In Boonville, <b>Missouri</b> Just off I-70 at exit 111. ISAC Thurs - Fri - Sat – Sun Other events on Saturday Contact Jon Wood <a href="mailto:jswood@mcmssys.com">jswood@mcmssys.com</a> 573-881-6622 Ron Mertz <a href="mailto:devoemertz@sbcglobal.net">devoemertz@sbcglobal.net</a>
May 14-16	8th Annual Kentucky Primitive Arts Festival and Knap-In. Lexington, <b>Kentucky</b> ISAC, IASAC 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) 593-3465
May 21-23	Jersey Rock and Shoot , 88 Angen Rd. Washington, <b>New Jersey</b> ISAC, locals and NYAA events (Team, Individual, Hunter and European). Camping available on site. A New York Atlatl Association, Inc. sponsored and insured event. Contact: Bob Bronish at <a href="mailto:bbronish@yahoo.com">bbronish@yahoo.com</a> or Erich Zeh at <a href="mailto:Eandnzeh@aol.com">Eandnzeh@aol.com</a>
May 22-23	Green 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: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyoteclow@aol.com">coyoteclow@aol.com</a> (307) 772-0550 for location and time.
May 28-30	Letchworth State Park – Castile, <b>New York</b> ISAC (Fri 4pm-Sun 4pm), New York Atlatl Association, Inc. events (Team, Individual, Hunter and European) except during picnic time noted below. NYAA fully insured event. "Learn to Catch a Fish Family Picnic" 11am - 4pm on Sat with no fishing license required at a stocked trout pond, free picnic & door prizes, "Spear-fishing" Carp Target Derby and a variety of learning stations. "Red, White and Blue Balloon Rally" with massed balloon flights at 6:30pm Fri-Sun and 6am Sat-Mon, weather permitting. Nearby camping, cabins and lodging available. Call Douglas Bassett (585) 493-3625 for information.
June 3	Atlatl competition during River Pierce Archaeology Program at the River Pierce Foundation Atlatl Range. San Ygnacio, <b>Texas</b> Contact: Cesario Guerra <a href="mailto:southtexasatlatl@gmail.com">southtexasatlatl@gmail.com</a>
June 4-6	Genesee Valley Living History Weekend, Maple Lane RV Park – Cuba, <b>New York</b> ISAC and NYAA events (Team, Individual, Hunter, Distance and European). A New York Atlatl Association, Inc. sponsored and insured event. Camping for tents or RV's with showers/laundry on site. For information contact Douglas Bassett (585) 493-3625 or Linda Brundage <a href="mailto:atlatldart1@gmail.com">atlatldart1@gmail.com</a>
June 5	Montauk State Park, Salem, <b>Missouri</b> ISAC only on Fri, ISAC and other events on Sat the 5th. Contact Jon Wood <a href="mailto:jswood@mcmssys.com">jswood@mcmssys.com</a> 573-881-6622 or Ron Mertz <a href="mailto:devoemertz@sbcglobal.net">devoemertz@sbcglobal.net</a>
June 11-13	Atlatl-in-Action., 389 Simkin Rd. Elmira, <b>New York</b> ISAC, Mastodon Open and NYAA events (Team, Individual, Hunter, Distance and European). A New York Atlatl Association, Inc. sponsored and insured event. Contact: Jack Rowe (570) 888-8258 <a href="mailto:rjrowe93@gmail.com">rjrowe93@gmail.com</a> or Tom Goble; (607) 215-9405
June 12-13	Fort Firelands RV Park, Lake Erie, <b>Ohio</b> OAA will provide instruction and conduct atlatl accuracy contests. IASAC, ISAC, and Ohio locals. Contact Ray Strischek for more information, ( <a href="mailto:ohioatlatl@hotmail.com">ohioatlatl@hotmail.com</a> ) (740) 592-3465
June 13	Demo ISAC, IASAC, HUNTERS ROUND. Badger State Artifact Show, Henschals Indian Museum, New Holstein, <b>Wisconsin</b> For more information contact; Lenny Riemersma at <a href="mailto:lenmaryr@excel.net">lenmaryr@excel.net</a> (920)528-7454
June 18-20	Annual Meadowcroft Atlatl Event, Avella, <b>Pennsylvania</b> ISACs and local contests all 3 days. Beginning noon Friday to 2 on Sunday. Contact Margie (740) 264-1755 or <a href="mailto:theatlatl@gmail.com">theatlatl@gmail.com</a>
June 20	Pasadena Archery Range (415 South Arroyo Boulevard, Pasadena, <b>California</b> 91105) Held in conjunction with the monthly PaleoPlanet Bowmaker/Flintknapper/Atlatlist gathering - 1 day ISAC contest and Atlatl/Dart making and throwing workshops. Contact Tom Mills at <a href="mailto:PaleoAleo@gmail.com">PaleoAleo@gmail.com</a> or (626) 794-9158 or visit the World Atlatl Association's on-line Discussion forum at <a href="http://www.PaleoPlanet.net">www.PaleoPlanet.net</a> for further information.
June 24-27	Terry Keefer Memorial Atlatl Tournament – Bald Eagle, <b>Pennsylvania</b> ISAC and New York Atlatl Association, Inc. events (Team, Individual, Hunter and European). NYAA fully insured event. Camping on site. For information contact Tim Jackson <a href="mailto:PaTeePee@aol.com">PaTeePee@aol.com</a> (814) 684-0402 or Gary Beers (814) 687-4372
June 25-26	Athens Public Library, Home Street, Athens, <b>Ohio</b> OAA will provide instruction and conduct atlatl accuracy contests. IASAC, ISAC, and Ohio locals. 9:00 – 5:00 each day. Contact Ray Strischek for more information, ( <a href="mailto:ohioatlatl@hotmail.com">ohioatlatl@hotmail.com</a> ) (740) 592-3465.
June 26-27	Fat 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: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyoteclow@aol.com">coyoteclow@aol.com</a> (307) 772-0550 for location and time.
July 2-4	12 <sup>th</sup> Annual Foothill-Mountain Atlatl and Bow Open. This is the only remaining annual atlatl competition in <b>Wyoming</b> . It

	is a three-day camping event in a beautiful location that offers a challenging competition and big fun for all ages. Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyotecdown@aol.com">coyotecdown@aol.com</a> (307) 772-0550 for location and time.
July 2-4	Hueston Woods State Park, College Corner, <b>Ohio</b> OAA will provide instruction and conduct atlatl accuracy contests. IASAC, ISAC, and Ohio locals. Contact Ray Strischek for more information, ( <a href="mailto:ohioatlatl@hotmail.com">ohioatlatl@hotmail.com</a> ) (740) 592-3465.
July 10-11	Oxford Rod & Gun Club OxTAR Traditional Archery Weekend, Oxford, <b>New York</b> ISAC shoot both days 3D Shoot (max. .45" dia. points/foreshafts min. 8" length to protect targets) Hole the Pig Shoot, Running Deer Shoot Location -Oxford Rod & Gun Club, 214 Ingraham Road, Oxford, NY 13830 Contact Allen J. Bagg (607) 244-0711 or (315) 875-5333
July 16-18	Atlatl competition in conjunction with MOJAM, Marshall, <b>Missouri</b> (In conjunction with the primitive bow gathering) ISAC, 3-D range(x2). other events on Saturday ISAC only on Fri and Sun. Contact Jon Wood <a href="mailto:jswood@mcsys.com">jswood@mcsys.com</a> 573-881-6622 or Justin Garnett <a href="mailto:Garnettjs@Missouri.edu">Garnettjs@Missouri.edu</a> or Kevin Brauer <a href="mailto:brauer14us@yahoo.com">brauer14us@yahoo.com</a>
July 16-18	3 day ISAC event at Falcon State Park, Falcon Heights, <b>Texas</b> Friday @ 7:00pm, Saturday @ 9:00am, and Sunday @10:00am.. Cabins available within walking distance of Falcon Lake. <b>Texas Atlatl Association 1st Annual Meeting(July 17, 2010 @ dusk).</b> contact Cesario Guerra at <a href="mailto:southtexasatlatl@gmail.com">southtexasatlatl@gmail.com</a> <a href="http://www.southtexasatlatl.com">www.southtexasatlatl.com</a>
July 17-18	. Smoky Hollow Rendezvous. Cascade, <b>Wisconsin</b> 17 July - Demo, ISAC, IASAC, HUNTERS ROUND 18 July- ISAC only. Smoky Hollow Rendezvous. Cascade. For more information contact; Lenny Riemersma at <a href="mailto:lenmaryr@excel.net">lenmaryr@excel.net</a> (920)528-7454
July 17-19	Flint Ridge St Park, Brownsville, <b>Ohio</b> OAA will provide instruction and conduct atlatl accuracy contests. IASAC, ISAC, and Ohio locals. Contact Ray Strischek for more information, ( <a href="mailto:ohioatlatl@hotmail.com">ohioatlatl@hotmail.com</a> ) (740) 592-3465.
July 18	Pasadena Archery Range (415 South Arroyo Boulevard, Pasadena, <b>California</b> 91105) Held in conjunction with the monthly PaleoPlanet Bowmaker/Flintknapper/Atlatlist gathering - 1 day ISAC contest and Atlatl/Dart making and throwing workshops. Contact Tom Mills at <a href="mailto:PaleoAleo@gmail.com">PaleoAleo@gmail.com</a> or (626) 794-9158 or visit the World Atlatl Association's on-line Discussion forum at <a href="http://www.PaleoPlanet.net">www.PaleoPlanet.net</a> for further information.
July 21-23	Echoes in Time Willamette Mission State Park, Salem, <b>Oregon</b> ISAC and novelty throw. Contact Bob Kitch at (509) 493-1971
July 24	Linesville <b>Pennsylvania</b> (formerly French Creek/Saegertown) Artifact and Fossil show, with flintknapping and an atlatl contest, to be held at the St. Phillips Social Hall in Linesville, Pennsylvania ISAC and local? New venue, we'll work it all out! For tables and show info-John, (814) 398-8212. For atlatl info-Gary, (570) 437-3698.
July 29-Aug. 1	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 Gary Fogelman (570) 437-3698, <a href="mailto:iam@indian-artifacts.net">iam@indian-artifacts.net</a>
July 31	Demo, ISAC, IASAC. Prairie Festival ,at U.W.C. Fond du Lac, <b>Wisconsin</b> For more information contact; Lenny Riemersma at <a href="mailto:lenmaryr@excel.net">lenmaryr@excel.net</a> (920)528-7454
Aug. 6-8	Howard Community Day – Howard, <b>New York</b> ISAC and locals. New York Atlatl Association, Inc. events and fully insured. All three days at Mike’s house. Last chance to enter the Hunters, Individual, Distance or European rounds. For more information contact Mike Waters (607) 661-8445, <a href="mailto:dartman22002@yahoo.com">dartman22002@yahoo.com</a>
Aug. 12-14	GLP Summer Gathering, Bois Blanc Island, <b>Michigan</b> European, ISAC all day each of the three days. During the annual primitive skills gathering. For updated information check <a href="http://www.michiganatlatl.org">www.michiganatlatl.org</a> Contact Jim Gilligan at <a href="mailto:primitive1@chartermi.net">primitive1@chartermi.net</a> or (810) 599-6881
Aug. 13	That Dam ISAC, Albany <b>Ohio</b> Friday evening on pond dam at Steve's House near Albany OH ISAC and IASAC 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) 593-3465
Aug. 14-15	Eleventh Annual Albany <b>Ohio</b> Atlatl Contest's Albany Riding Club, corner of Ohio State Route's 32 and 681. ISAC, IASAC 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) 593-3465
Aug. 14	ANCIENT WAYS AT SUGARLOAF PRESERVE Sugarloaf Open Space, Saturday, August 14 at 10:00 a.m. to noon Walnut Creek, <b>California</b> Atlatl Competition comes to Sugarloaf! Join us for our second year of competitive primitive technology contests, games, and activities. Try your skill at tossing the Atlatl, “The Atom Bomb of the Stone Age.” ISAC rounds will be scheduled. Throw the rabbitstick, the American Indian boomerang that doesn’t come back. Make and spin an acorn top. Play stick dice

	and other games. Make simple crafts from cattails, tules, pine nuts, and more, using only primitive tools. Exhibitors will have more to share. Make this a family day at Sugarloaf. Bring a picnic lunch to enjoy following the competition. More information is available from Ranger Bruce Weidman at (925) 943-5899 x2665.
Aug. 14-15	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: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyoteclownd@aol.com">coyoteclownd@aol.com</a> (307) 772-0550 for location and time.
Aug. 15	Pasadena Archery Range (415 South Arroyo Boulevard, Pasadena, <b>California</b> 91105) Held in conjunction with the monthly PaleoPlanet Bowmaker/Flintknapper/Atlatlist gathering - 1 day ISAC contest and Atlatl/Dart making and throwing workshops. Contact Tom Mills at <a href="mailto:PaleoAleo@gmail.com">PaleoAleo@gmail.com</a> or (626) 794-9158 or visit the World Atlatl Association's on-line Discussion forum at <a href="http://www.PaleoPlanet.net">www.PaleoPlanet.net</a> for further information.
Aug. 26-29	<b>2010 Annual Meeting of the World Atlatl Association Letchworth State Park - Castile, New York</b> and U.S.A. National Atlatl Championships. Stone Tool Craftsman Show (Aug 28 & 29 10:00 am to 5:00 pm). Highbanks Recreation Area, north end of Letchworth State Park - Castile, New York. 22nd Annual Eastern Seaboard Atlatl Competition (State Round, Closest-to-Pin, Distance) and U.S.A. National Atlatl Qualifiers Aug 27 & 28. ISAC, Hoop Toss, Throw Over the Gorge Qualifiers & wooded Animal Round all four days. U.S.A. National Atlatl Finals and 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 (585) 365-8048. Atlatl Competition contact: Douglas Bassett (585) 493-3625.
Sept. 2-6	22 <sup>nd</sup> Annual <b>Montana</b> Mammoth Hunt at the First People's Buffalo Jump State Park near Ulm, Montana. ISAC all four days, European field round Sat., Sun., Mon. Contact Robert Tompson at (406) 866-2219
Sept. 3-5	Flint Ridge Lithic Society Knap-in Flint Ridge State Park near Brownsville, <b>Ohio</b> ISAC, IASAC 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) 593-3465
Sept. 3-5	ISAC in conjunction with MATTOON rendezvous. Mattoon, <b>Wisconsin</b> Contact information: Gordy Behrendt (262) 334-5099
Sept. 4	Indian Artifacts and Gun Show and Atlatl Competition. Jefferson County Fair Grounds, Brookville, <b>Pennsylvania</b> . 9:00 AM – 4:00 PM. ISAC and IAS. Route 80 Exit 81 The gun show will feature all types of antique firearms through 1898. The artifact exhibit will feature prehistoric and historic artifact displays, flintknapping, and artifact identification. Contact Ken Burkett <a href="mailto:burken@adelphia.net">burken@adelphia.net</a> or (814) 365-5563 Or George Miller <a href="mailto:gmliller@brockwaytv.com">gmliller@brockwaytv.com</a> or (814) 265-0435 or (814) 590-6462 (cell)
Sept. 9-11	Game & Fish Expo atlatl hunt and ISAC. Casper, <b>Wyoming</b> A major outdoor education exposition, a great family event.. Open to all, equipment and instruction cheerfully provided. Contact: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyoteclownd@aol.com">coyoteclownd@aol.com</a> (307) 772-0550.
Sept. 10-12	Cahokia Mounds atlatl event at the Cahokia Mounds World Heritage Site, near Collinsville, <b>Illinois</b> . ISAC all three days with European and other contests on Saturday Contact Ron Mertz (314) 628-9376 or <a href="mailto:devoemertz@sbcglobal.net">devoemertz@sbcglobal.net</a> or Jon Wood (573) 881-6622 or <a href="mailto:jswood@mcmssys.com">jswood@mcmssys.com</a>
Sept. 10-12	Tyoga Shoot-off, 389 Simkin Rd. Elmira, <b>New York</b> ISAC, Mastodon Open and local Animal Round. A New York Atlatl Association, Inc. sponsored and insured event. Contact: Jack Rowe (570) 888-8258 <a href="mailto:rjrowe93@gmail.com">rjrowe93@gmail.com</a> or Tom Goble; (607) 215-9405
Sept. 16-19	Atlatl competition in conjunction with the Fall Osage Knap-In Boonville, <b>Missouri</b> Just off I-70 at exit 111. ISAC all three days: additional contests on Saturday. Demo - building an atlatl with stone tools by Huey Tlatoani Contact Justin Garnett <a href="mailto:Garnettjs@Missouri.edu">Garnettjs@Missouri.edu</a> or Kevin Brauer <a href="mailto:brauer14us@yahoo.com">brauer14us@yahoo.com</a> or Jon Wood <a href="mailto:jswood@mcmssys.com">jswood@mcmssys.com</a> 573-881-6622
Sept. 17-19	Twelfth Annual Ohio Pawpaw Festival, Lake Snowden, St. Rt 32, Albany, <b>Ohio</b> <a href="http://www.pawpawfest.com">www.pawpawfest.com</a> ISAC, IASAC 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) 593-3465
Sept. 17-19	Letchworth State Park – Castile, <b>New York</b> ISAC (Fri 4pm-Sun 4pm) and local events except during Heritage Day noted below. NYAA fully insured event. "Native American Heritage Day" 10am - 4pm on Sat, Sept 18, with Native American Dance, Crafts and Food. Nearby camping, cabins and lodging available. Call Douglas Bassett (585) 493-3625 for information.
Sept. 17-19	10 <sup>th</sup> Annual First People's Buffalo Jump State Park Atlatl Contest Near Ulm, <b>Montana</b> ISAC all three days, European field round Sat. and Sun. Contact Robert Tompson at (406) 866-2219
Sept. 19	Pasadena Archery Range (415 South Arroyo Boulevard, Pasadena, <b>California</b> 91105) Held in conjunction with the monthly PaleoPlanet Bowmaker/Flintknapper/Atlatlist gathering - 1 day ISAC contest and Atlatl/Dart making and throwing workshops. Contact Tom Mills at <a href="mailto:PaleoAleo@gmail.com">PaleoAleo@gmail.com</a> or (626) 794-9158 or visit the World Atlatl Association's on-line Discussion forum at <a href="http://www.PaleoPlanet.net">www.PaleoPlanet.net</a> for further information.
Sept. 24-26	Fall Knap-In Old Stone Fort State Archaeological Park, Manchester, <b>Tennessee</b> ISAC each day Contact Keith Wimberley at <a href="mailto:Keith.Wimberley@state.tn.us">Keith.Wimberley@state.tn.us</a>

Sept. 25-26	. Smoky Hollow Rendezvous. Cascade, <b>Wisconsin</b> 25 September- Demo, ISAC, IASAC, HUNTERS ROUND 26 September- ISAC only. Smoky Hollow Rendezvous. Cascade. For more information contact; Lenny Riemersma at <a href="mailto:lenmaryr@excel.net">lenmaryr@excel.net</a> (920)528-7454
Sept. 25-26	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: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyoteclown@aol.com">coyoteclown@aol.com</a> (307) 772-0550 for location and time.
Oct. 1-3	Atwood Lake Campgrounds, Mineral City, <b>Ohio</b> Atwood Area Fall Festival - 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. Contact Ray Strischek for more information, ( <a href="mailto:ohioatlatl@hotmail.com">ohioatlatl@hotmail.com</a> ) (740) 592-3465
Oct. 2-3	New England Atlatl Day. Hammonasset Beach State Park, Madison, <b>Connecticut</b> Co-Sponsored by the Friends of Hammonasset and the Ct State Museum Of Natural History/Ct Archaeology Center. ISAC, woolly Mammoth Hunt and Ancient Technologies Demonstrations and Exhibits. Sat. 10-4 Sun. 10- 1 Contact: Gary Nolf 860-575-4263 <a href="mailto:gnolf@comcast.net">gnolf@comcast.net</a>
Oct. 9-10	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: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyoteclown@aol.com">coyoteclown@aol.com</a> (307) 772-0550 for location and time.
Oct. 9-10	Annual Candor Fall Festival Atlatl Contests and Demonstrations at Side Hill Acres Goat Farm, Route 96, Candor, <b>New York</b> Saturday, Oct. 9 and Sunday, Oct. 10, 9 a.m. to 4 both days. ISAC, local contests and demonstrations. For further information contact Bob or Cheryl Berg at 1-800-836-4520 or <a href="mailto:Thunderbirdatlatl@gmail.com">Thunderbirdatlatl@gmail.com</a>
Oct. 13 & 16	Falling Blanket atlatl throw & ISAC. Laramie, <b>Wyoming</b> Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club Contact: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyoteclown@aol.com">coyoteclown@aol.com</a> (307) 772-0550 for location and time.
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Oct. 23	Sportsman's Club, Dundee, <b>Wisconsin</b> ISAC, IASAC, HUNTERS ROUND, 3-D TARGETS For more information contact; Lenny Riemersma at <a href="mailto:lenmaryr@excel.net">lenmaryr@excel.net</a> (920)528-7454
Oct. 29-30	Zaleski State Forest, Lake Hope Park <b>Ohio</b> ROAR days ISAC, IASAC 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) 593-3465
Nov. 6-7	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: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyoteclown@aol.com">coyoteclown@aol.com</a> (307) 772-0550 for location and time.
Nov. 24 & 30	Frosty Blanket atlatl throw & ISAC. Laramie, <b>Wyoming</b> Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson <a href="mailto:wyowinds@aol.com">wyowinds@aol.com</a> (307) 632-0766 or Russell Richard <a href="mailto:coyoteclown@aol.com">coyoteclown@aol.com</a> (307) 772-0550 for location and time.
Nov. 26	Turkey Toss, Klimowicz residence, Fenton, <b>Michigan</b> 3-D, ISAC, 12-5 p.m., Potlatch For updated information check <a href="http://www.michiganatlatl.org">www.michiganatlatl.org</a> Contact Jim Gilligan at <a href="mailto:primitive1@chartermi.net">primitive1@chartermi.net</a> or (810) 599-6881

### UK Atlatl Competition Events for 2010

May 22-23	Steve's woods Near Bodiam Castle ( <b>Sussex</b> ) ISAC both days Contact Neal Matheson <a href="mailto:Spearthroweruk@gmail.com">Spearthroweruk@gmail.com</a> or Steve Medlock at <a href="mailto:stevemed@sky.com">stevemed@sky.com</a>
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### Championnat d'Europe de tir aux armes préhistoriques 2009

date	épreuve	département	pays	ISAC
22-23 mai	Tautavel	Pyrénées orientales	FRANCE	ISAC Saturday 22 May and Sunday 23 May
22-23 mai	Val de Poix St hubert	Luxembourg	BELGIQUE	ISAC Sunday 23 May
29-30 mai	Domat / Ems	Grisons	CONF. HELVETIQUE	ISAC Sunday 30May
29-30 mai	Orgnac l'aven	Ardèche	FRANCE	ISAC Saturday 29 May and Sunday 30 May
29-30 mai	Moratalla	Murcia	ESPANA	

05-06 juin	Rio Vero	Huesca	ESPANA	ISAC Sunday 20 June
19-20 juin	Paleosite st Cézaire	Charente maritime	FRANCE	ISAC Saturday 26 June and Sunday 27 June
26-27 juin	Historial de Vendée	Vendée	FRANCE	ISAC Sunday 04 July
03-04 juillet	Quinson	Alpes de hte provence	FRANCE	ISAC Thursday 08 July
07-08 juillet	Nice	Alpes maritimes	FRANCE	ISAC Sunday 11 July
10-11 juillet	Tende	Alpes maritimes	FRANCE	ISAC Saturday 17 July and Sunday 18 July
17-18 juillet	Le Puy en Velay	haute Loire	FRANCE	
17-18 juillet	Errentaria	Gipuzkoa	ESPANA	
31 juillet 01 août	La chapelle aux saints	Corrèze	FRANCE	ISAC Saturday 31 July and Sunday 1 August
31 juillet 01 août	Collazza		ITALIA	ISAC Sunday 01 August
07-08 août	Maz d'Azil	Ariège	FRANCE	ISAC Saturday 7 August and Sunday 8 August
07-08 août	Boario	Trentino	ITALIA	ISAC Sunday 07 August
14-15 août	Bruniquel	Tarn et Garonne	FRANCE	ISAC Saturday Sunday 14 August Sunday 15 August
28-29 août	Teverga		ESPANA	
28-29 août	Pescheray	Sarthe	FRANCE	ISAC Sunday 28 August
04-05 septembre	Gletterens	Fribourg	CONF. HELVETIQUE	
11-12 septembre	Dauerheim	Hessen	DEUTSCHLAND	ISAC Sunday 12 September
11-12 septembre	Brassemouy	Landes	FRANCE	ISAC Saturday 11 and Sunday 12 September
18-19 septembre	Lommel	Limburg	BELGIQUE	ISAC Sunday 19 September
18-19 septembre	Engen	Ba-Wü	DEUTSCHLAND	ISAC Sunday 19 September
18-19 septembre	Atapuerca		ESPANA	
25-26 septembre	Marpent	Nord	FRANCE	
09-10 octobre	Bougon	Deux-Sèvres	FRANCE	ISAC Sunday 10 October
09-10 octobre	Pinar	Granada	ESPANA	ISAC Sunday 10 October
04-05 décembre	Auneau	L'Eur et Loir	FRANCE	

pour plus d'info contact : [christian.lepers@swde.be](mailto:christian.lepers@swde.be)

### 2010 Raging Cow

The Raging Cow is finally stopped. Grinnell IA is safe once again.

### Conejo Valley

The archery Vs. atlatl rivalry was not settled here, unfortunately



**New Email address for *The Atlatl* submissions. [theatlatl@gmail.com](mailto:theatlatl@gmail.com)**

Deadlines for Submissions Is Dec 15<sup>th</sup> for the January issue, March 15<sup>th</sup> for the April issue, June 15<sup>th</sup> for the July issue and September 15<sup>th</sup> for the October issue. Thanks!



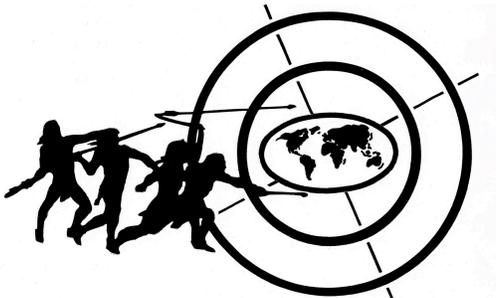
Here's a picture  
Ron Mertz took in his  
back yard this winter.

We thought it  
would be fun for you  
to submit captions  
and Ron will pick the  
best.

Send captions to:  
[theatlatl@gmail.com](mailto:theatlatl@gmail.com)  
Or The Atlatl, 710  
Fernwood Rd,  
Wintersville, Oh  
43953  
By June 15<sup>th</sup>.

Richard Lyons, Treasurer  
5024 King Road  
Jeffersonville, IN 47130  
phone: (812) 246-9987 or email: [atlatlin@gmail.com](mailto:atlatlin@gmail.com)

First Class Mail



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[www.worldatlatl.org](http://www.worldatlatl.org)