

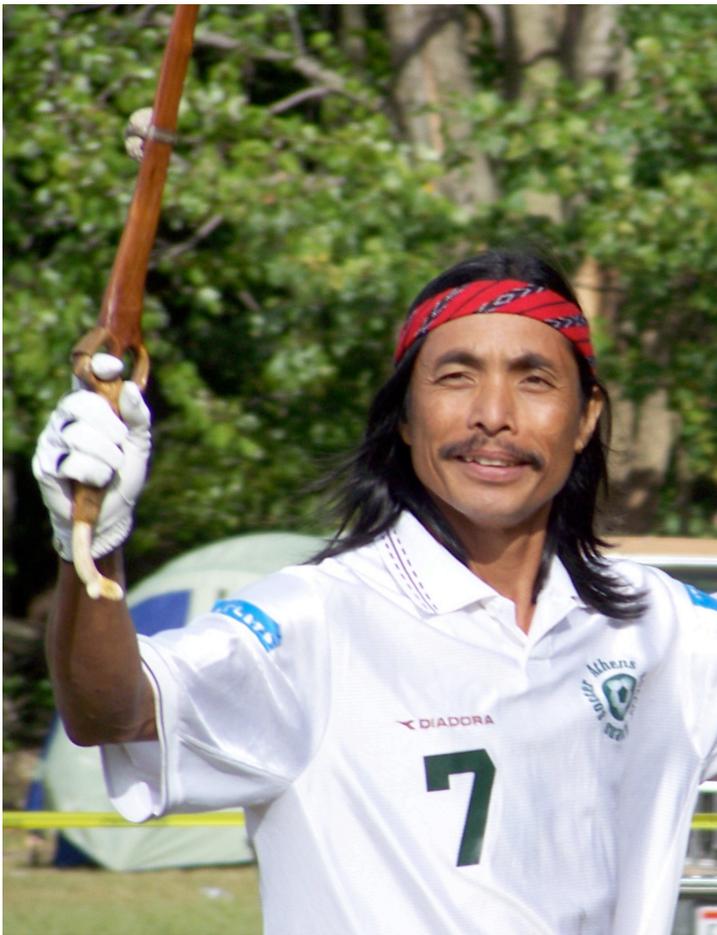
The **ATLATL**

Volume 24, Number 1

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January 2011

2010 World ISAC Champions



Mamerto Tindongan

Melissa Dildine

Youth Champion Antoine Jamon,



The 2010 Champions

By Douglas Bassett

593 people (378 men, 115 women and 100 youth) made 2,162 entries in the ISAC in 2010. In the following list of top ten people in each division, each person is followed by their highlights of the year. The number in parentheses is their top-five aggregate (men 70, women 50, youth 40) for those who qualify. The “batting average” is the number of 90’s thrown divided by the games thrown for a total year or career.

Men

- 1 Mamerto Tindongan (**95.56**) Fourteenth person scoring 95 or more. Personal best year-end average (88.16) and “batting average” (.400).
- 2 Douglas Bassett (**95.42**) Fourth year with a top-five average over 95. Personal best year-end average (90.24) and “batting average” (.641). Also set new records for most games in a single year (78), most 90’s in a single year (50), and in every five-game increment from 15 through 70.
- 3 Gary Fogelman (**94.30**) Continued his leadership: obtaining more than 1500(1601) points in the Total Point Aggregate Standings; throwing the most (445) career ISACs and the most career points (37,312.1).
- 4 Lauren Bernat (87.10) Fifteenth person scoring 95 or more.
- 5 Kevin Ashley (86.52) Personal best score moving him to sixteenth on the Top 25 standings.
- 6 Cyrille Huc (**90.12**) Tied his personal best high game and set a personal best “batting average” (.231).
- 7 Mike Glen (89.46) Maintaining his career average over 85 (86.40), of only 6 people and his career “batting average” over .300 (.309), of only 3 people.

- 8 Ray Strischek (92.50) Fourth person to exceed 300 career ISACs (308). Only person to throw five or more ISACs every year since the beginning in 1996 and has excelled each year by being in the top five every year of the Total Point Aggregate Standings! Go Mr. Consistent!
- 9 Bob Kitch (82.82) First time in the 90's and in the year-end Top 10.
- 10 Bernard Bouffier (84.04) First time in the 90's and in the year-end Top 10.

Women

- 1 Melissa Dildine (87.46) Tied her personal best and world record high game and seventh year as World Champion.
- 2 Sandra Riviere (80.90) First game over 90, only third woman to do so, and setting the record for women's career "batting average" (.043).
- 3 Devin Johns (81.04) New record for women's career average (75.34), more than five points higher than #2.
- 4 Bonnie Sortore (77.68) All three years of her career in the year-end Top 10. Maintaining her career average over 60 (61.96), of only 6 women.
- 5 JoAnne Fogelman (79.22) One of only three women to score more than 15,000 career points (18224.0).
- 6 Lori Majorsky (72.82) Fifth person to throw 300 career ISACs.
- 7 Debbie Andrews (69.88) Personal best year-end average (53.48)
- 8 Maren Petersen. Second time in year-end Top 10 of four years of competition.
- 9 Sue Mercer (66.82) Second time in year-end Top 10 of four years of competition.
- 10 Emilie Claustre-Huc. Fourth time in year-end Top 10 of ten years of competition.

Youth

- 1 Antoine Jamon (73.84) First time in the year-end Top 10. Second highest score ever thrown by a 13-year old.
- 2 Marlin Bassett (71.22) First time in the year-end Top 10. Broke the record for any 7-year old in ISAC history on three occasions. Set new records for most games in a single year by youth (47), and in every five-game increment from 25 through 45.
- 3 Fanny Jamon. First time in the year-end Top 10. Fifth highest score ever thrown by a 10-year old.
- 4 Cedric Schlatter. First time in the year-end Top 10. Sixth highest score ever thrown by a 10-year old.
- 5 Jordan Ashley (67.84) Fourth time in the year-end Top 10! Ninth highest score ever thrown by an 11-year old.
- 6 Austin Fisher. First time in the year-end Top 10. Fifteenth highest score ever thrown by a 13-year old.
- 7 Noah Luikart. First time in the year-end Top 10 in first year of competition. Tenth highest score ever thrown by an 11-year old.
- 8 Christophe Arnold (64.60) Second time in the year-end Top 10. Twenty-first highest score ever thrown by a 14-year old.
- 9 Carlotta Messon. First time in the year-end Top 10. Eleventh highest score ever thrown by a 10-year old.
- 10 Lucie Jamon. First time in the year-end Top 10. Twelfth highest score ever thrown by a 10-year old.

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2010 WAA ISAC Scores

MEN

1 97xx	Mamerto Tindongan	Albany OH	8/13/2010 Steve Barnett's Dam - Pomeroy, OH
2 96xxx	Douglas Bassett	Warsaw NY	5/22/2010 Jersey Rock & Shoot- Washington, NJ
3 96xx	Gary Fogelman	Turbotville PA	8/1/2010 Atlatl Rattle Green Flats - Hancock, NY
4 95xx	Laurent Bernat	FRANCE	11/20/2010 Bruniquiel Surprise
5 94xxxx	Kevin Ashley	Belvidere TN	9/25/2010 Old Stone Ft St Pk - Manchester, TN
6 94xxx	Cyrille Huc	FRANCE	10/10/2010 Bougon
7 94xx	Mike Glenn	Lucasville OH	10/9/2010 Chillicothe
8 94x	Ray Strischek	Athens OH	9/7/2010 Paw Paw Fest - Albany, OH
9 * 92	Bob Kitch	Husum WA	2/15/2010 Wintercount - Maricopa, AZ
10 * 92	Bernard Bouffier	FRANCE	5/29/2010 Orgnac L'Aven 07
11 91x	Mike Waters	Howard NY	8/6/2010 Howard - NY
12 90xxx	Greg Bessette	Friendship NY	4/10/2010 Horse Arena Shoot - Friendship, NY
13 90xx	Tom Goble	Elmira NY	10/10/2010 Side Hill Acres Goat Farm - Candor, NY

14 90xx	Ryan Grohsmeyer	Callaway MD	8/28/2010 Eastern Seaboard- Letchworth SP, NY
15 90x	Tom Mills	Pasadena CA	8/15/2010 Pasadena, CA
16 90x	Jack Rowe	Sayre PA	10/9/2010 Side Hill Acres Goat Farm - Candor, NY
17 90	Mark Bracken	Saegertown PA	9/4/2010 Flint Ridge, OH
18 90	Neal Matheson	Uckfield ENGLAND	7/18/2010 Dawn Wd, Staple Cr Sussex, END
19 89x	Cedric Claustre	FRANCE	6/26/2010 Historial De Vendee
20 89x	Dave Santos	Waverly NY	9/11/2010 Tyoga Shoot-off - Elmira, NY
21 88xx	Emmanuel Guerton	FRANCE	2/14/2010 Monteneuf
22 88x	Ken Faucher	Somersworth NH	10/3/2010 Hammonasset St. Park, CT
23 88x	Jim Gnapp	Abbotsford CANADA	7/23/2010 Echoes In Time - Salem, OR
24 88x	Ismael Yahemdi	FRANCE	5/29/2010 Orgnac L'Aven 07
25 88	Scott VanArsdale	Otego NY	8/28/2010 Eastern Seaboard- Letchworth SP, NY
26 87xx	Lenny Riemersma	Cascade WI	7/18/2010 SHML - Cascade, WI
27 87x	Lawrence Ariel	Huntland TN	9/25/2010 Old Stone Ft State Park - Manchester, TN
28 87	Jon Wood	Madison MO	9/12/2010 Cahokia Mounds, IL
29 86x	Michael Frank	Woodbridge VA	6/20/2010 MeadowCroft - Avella, PA
30 86x	Charles Swanson	Knoxville TN	9/26/2010 Old Stone Ft St Park - Manchester, TN
31 86	Wayne Wells	Cameron NY	6/5/2010 Dairy Festival - Cuba, NY
32 85x	Jim Fisher	Grand Island NY	8/28/2010 Eastern Seaboard- Letchworth SP, NY
33 85x	Ansgar Lukas	GERMANY	9/4/2010 Lieu de l'epreuve: Gletterens
34 85x	Stephane Madelaine	FRANCE	8/15/2010 Bruniquiel
35 85	Albert Kressig	SWITZERLAND	9/4/2010 Lieu de l'epreuve: Gletterens
36 85	Andy Majorsky	Derry PA	7/24/2010 Linesville, PA
37 85	Greg Maurer	Vergennes VT	6/12/2010 Atlatls-in-Action - Elmira, NY
38 84x	Brian Manning	Westown NY	5/23/2010 Jersey Rock & Shoot- Washington, NJ
39 84	Bruno Roesch	FRANCE	9/4/2010 Lieu de l'epreuve: Gletterens
40 84	Christophe Jamon	FRANCE	7/4/2010 Quinson
41 83x	Jens Karliczek	GERMANY	8/8/2010 Archeopark- Boario - ITALY
42 83x	Jeff Kilpatrick	Hickman KY	9/26/2010 Old Stone Ft State Park - Manchester, TN
43 83x	Matthieu Lacoste	FRANCE	8/15/2010 Bruniquiel
44 83	Harold Eyster	Chelsea MI	4/11/2010 Chelsea Rod & Gun - MI
45 83	Rodger Klindt	Dexter NY	7/30/2010 Atlatl Rattle Green Flats - Hancock, NY
46 83	Gary Sipila	Hewitt NJ	9/5/2010 Flint Ridge, OH
47 83	Jim Winn	Laguna Niguel CA	3/21/2010 Valley of Fire, NV
48 82xxx	Ken Villars	Apple Valley CA	3/19/2010 Valley of Fire, NV
49 82x	Steve Barnett	Pomeroy OH	10/29/2010 ROAR- Lake Hope St.Park, OH
50 82	David Andre	FRANCE	6/27/2010 Historial De Vendee
51 82	Bob Berg	Candor NY	7/31/2010 Atlatl Rattle Green Flats - Hancock, NY
52 82	Eric Botte	FRANCE	8/7/2010 Le Mas D'Azil
53 82	Bob Bronish	Washington NJ	5/22/2010 Jersey Rock & Shoot- Washington, NJ
54 82	Philippe Guillonnet	FRANCE	10/10/2010 Bougon
55 82	Joe Hopkins	Brooklyn NY	10/9/2010 Deerfield, MA
56 82	Ray Madden	Joplin MO	3/21/2010 Valley of Fire, NV
57 81x	Christian Carriere	FRANCE	7/31/2010 La Chapelle Aux Saints
58 81x	Jerome Galetti	FRANCE	7/18/2010 Le Puy En Velay 43
59 81x	John Whittaker	Grinnell IA	8/26/2010 Eastern Seaboard- Letchworth SP, NY
60 81	Glen Oechsner	Ashford WY	3/14/2010 Glens' Residence Campbellsport, WI
61 80xx	Martin Schlatter	SWITZERLAND	8/1/2010 Colazza - ITALY
62 80x	Jurgen Junkmanns	GERMANY	8/1/2010 Colazza - ITALY
63 80x	Kurt Mischler	SWITZERLAND	5/23/2010 Saint Hubert
64 80x	Chad Wilson	Oxford OH	7/4/2010 Hueston Woods - OH
65 80	Troy Helmick	Townsend MT	3/19/2010 Valley of Fire, NV
66 79x	Chris Oberg	Landsbug MI	4/11/2010 Chelsea Rod & Gun - MI
67 79	Justin Garnett	Fulton MO	6/5/2010 Montauk State Park - MO
68 79	Jim Gilligan	Brighton MI	4/11/2010 Chelsea Rod & Gun - MI
69 79	Richard Lyons	Jeffersonville IN	4/16/2010 Cahokia
70 79	Mike Segalla	Penfield PA	8/26/2010 Eastern Seaboard- Letchworth SP, NY
71 78xx	Terry Ashley	New Market AL	9/25/2010 Old Stone Ft State Park - Manchester, TN
72 78	Jared Ariel	Huntland TN	5/1/2010 Old Stone Ft State Park - Manchester, TN
73 78	Thomas Warin	FRANCE	10/10/2010 Bougon
74 78	Andy Wendt	Waldo WI	10/23/2010 Dundee Sportsmans- Campbellsport, WI
75 77x	Russell Richard	Cheyenne WY	10/9/2010 Atlatl Park - Cheyenne, WY

76 77x	Sean Telfer	Georgetown NY	8/28/2010 Eastern Seaboard- Letchworth SP, NY
77 77	Franck Barbotte	FRANCE	5/15/2010 Sergeac - 24 France
78 77	Alexander Bauer	GERMANY	8/1/2010 Colazza - ITALY
79 77	Mike Blakeman	Athens PA	6/5/2010 Dairy Festival - Cuba, NY
80 77	Sean MacDonald	Duncansville PA	6/27/2010 T Keefer Meml Atlatl Trnt - Bald Eagle, PA
81 77	David Sheppard	Cheyenne WY	8/15/2010 Medicine Bow Forest - WY
82 76x	Gary Nolf	Westbrook CT	8/27/2010 Eastern Seaboard- Letchworth SP, NY
83 75x	Gordy Behrendt	West Bend WI	9/5/2010 Mattoon Rond
84 75x	Rick Shepherd	Pataskala OH	7/17/2010 Flint Ridge, OH
85 75x	Patrice Warin	FRANCE	10/10/2010 Bougon
86 75	Hobart Akin	Manchester TN	9/24/2010 Old Stone Ft State Park - Manchester, TN
87 75	Nicolas Audebert	FRANCE	5/16/2010 Sergeac - 24 France
88 75	Patrick Colombo	Clarkston MI	8/13/2010 Bois Blanc Island, MI
89 75	Jacob Daumas	FRANCE	5/15/2010 Sergeac - 24 France
90 74x	Gianluca Panachia	ITALY	8/8/2010 Archeopark- Boario - ITALY
91 74	Steve House	Zanesville OH	7/17/2010 Flint Ridge, OH
92 74	Alain Lacoste	FRANCE	8/8/2010 Le Mas D'Azil
93 74	Ron Mertz	Town & Country MO	6/5/2010 Montauk State Park - MO
94 73	Chris Henry	Oceanside CA	3/20/2010 Valley of Fire, NV
95 73	Mike Richardson	Anchorage AK	3/19/2010 Valley of Fire, NV
96 73	Frank Takoch	Wintersville OH	5/8/2010 Fogelman's - Turbotville, PA
97 72x	Ben Brauchler	Fredonia NY	9/18/2010 Small Game Derby - Letchworth, NY
98 72x	Doug Owens	Cincinnati OH	9/18/2010 Paw Paw Fest - Albany, OH
99 72	Jean-Claude Gamon	FRANCE	7/4/2010 Quinson
100 72	Alex Woods	Tiffin IA	4/24/2010 Raging Cow - Grinnell, IA
101 71x	Todd Peters	Mascoutah IL	10/2/2010 Bass Pro - Columbia, MO
102 71	Allen Bagg	Oxford NY	7/11/2010 Oxford Rod & Gun Club - Oxford, NY
103 71	Kenny Martin	Chesapeake VA	7/31/2010 Atlatl Rattle Green Flats - Hancock, NY
104 71	John Morris	Grand Isle VT	9/18/2010 Mt. Independence SHS - Orwell, VT
105 70xxx	Randy Wood	Rutland OH	9/18/2010 Paw Paw Fest - Albany, OH
106 70x	Dan Fisher	Portland OR	7/22/2010 Echoes In Time - Salem, OR
107 70	Fritz Mischler	SWITZERLAND	9/4/2010 Lieu de l'epreuve: Gletterens

WOMEN

1 92x	Melissa Dildine	Sayre PA	9/12/2010 Tyoga Shoot-off - Elmira, NY
2 90x	Sandra Riviere	FRANCE	6/26/2010 Historial De Vendee
3 87x	Devin Johns	Erie PA	5/29/2010 Spearfishing - Letchworth St. Pk., NY
4 83	Bonnie Sortore	Friendship NY	8/28/2010 Eastern Seaboard- Letchworth SP, NY
5 * 81	JoAnne Fogelman	Turbotville PA	6/4/2010 Dairy Festival - Cuba, NY
6 * 81	Lori Majorsky	Derry PA	10/2/2010 Hammonasset St. Park, CT
7 76	Debbie Andrews	Albany OH	10/1/2010 Atwood Lake Park, OH
8 75	Maren Petersen	GERMANY	9/5/2010 Lieu de l'epreuve: Gletterens
9 74	Sue Mercer	Attica NY	7/29/2010 Atlatl Rattle Green Flats - Hancock, NY
10 73x	Emilie Claustre-Huc	FRANCE	8/1/2010 La Chapelle Aux Saints
11 72	Margie Takoch	Wintersville OH	8/28/2010 Eastern Seaboard- Letchworth SP, NY
12 68	Mariah Sheppard	Cheyenne WY	7/4/2010 Medicine Bow Forest - WY
13 66x	Linda Brundage	Friendship NY	8/28/2010 Eastern Seaboard- Letchworth SP, NY
14 66	Ursula Rass	SWITZERLAND	9/5/2010 Lieu de l'epreuve: Gletterens
15 64	Shannon Santos	Waverly NY	9/11/2010 Tyoga Shoot-off - Elmira, NY
16 63	Regina Dodson	Cheyenne WY	11/7/2010 Atlatl Park - Cheyenne, WY
17 63	Deanne Weidman	Walnut Creek CA	8/14/2010 Walnut Creek, CA
18 63	Tamara Woods	Tiffin IA	6/20/2010 FRANCE
19 61x	Courtney Birkett	Williamsburg VA	4/23/2010 Raging Cow - Grinnell, IA
20 61	Nadja Kiesewetter	GERMANY	8/8/2010 Archeopark- Boario - ITALY
21 60	Laura Kramer	Salem OR	2/17/2010 Wintercount - Maricopa, AZ
22 59	Francoise Agneray	FRANCE	5/16/2010 Sergeac - 24 France
23 59	Carey McCormack	Carlsbad CA	4/10/2010 Lagune Nigual - CA
24 55	Mary Granneman	Ottumwa IA	5/16/2010 Fort Osage Knap-In - MO
25 53	Catherine Chalupt	FRANCE	5/15/2010 Sergeac - 24 France
26 52	Jennifer Geyer	Marienville PA	6/25/2010 T Keefer Mml Atlatl Trnt - Bald Eagle, PA
27 52	Jen Lehr	Hewitt NJ	7/30/2010 Atlatl Rattle Green Flats - Hancock, NY
28 50	Donna McCracken	Micanopy FL	1/31/2010 White Springs, FL

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

YOUTH

1 84x	Antoine Jamon	FRANCE	11/20/2010 Bruniquiel Surprise	13
2 80	Marlin Bassett	Warsaw NY	8/7/2010 Howard NY	7
3 * 72	Fanny Jamon	FRANCE	8/15/2010 Bruniquiel	10
4 * 72	Cedric Schlatter	SWITZERLAND	8/1/2010 Colazza – ITALY	10
5 70	Jordan Ashley	Belvidere TN	4/30/2010 Old Stone Ft SP Manchester, TN	11
6 68	Austin Fisher	Grand Island NY	8/28/2010 Estn Seaboard- Letchworth SP, NY	13
7 67	Noah Luikart	Nelsonville OH	10/30/2010 ROAR- Lake Hope St. Park, OH	11
8 66	Christophe Sebastien Arnold	FRANCE	7/18/2010 Le Puy En Velay 43	14
9 64x	Carlotta Messori	ITALY	8/8/2010 Archeopark- Boario - ITALY	10
10 64	Lucie Jamon	FRANCE	8/14/2010 Bruniquiel	10
11 63	Vanessa Schlatter	SWITZERLAND	8/8/2010 Archeopark- Boario - ITALY	14
12 58	Carsten Muller	GERMANY	8/8/2010 Archeopark- Boario - ITALY	14
13 53	Keagan Gerber	Wellsville NY	8/28/2010 Estn Seaboard- Letchworth SP, NY	14
14 53	Ben Struzynski	Ogdensburg WI	5/1/2010 Wausau School Forest - WI	12
15 52	Brandon Streib	Lima Center WI	9/25/2010 Smky Hw Rendezuous - Cascade, WI	14
16 50	Virgil Bontempi	FRANCE	7/4/2010 Quinson	13
17 49x	Lucas Yates	Ottumwa IA	5/15/2010 Fort Osage Knap-In – MO	8
18 49	Amihan Tindongan	Albany OH	8/14/2010 Albany Riding Club - OH	12
19 47	Antoine Boulanger	FRANCE	5/16/2010 Sergeac - 24 France	13
20 47	Hunter Miller	Brockway PA	8/27/2010 Estn Seaboard- Letchworth SP, NY	11
21 46	Juanita Kilpatrick	Hickman KY	4/30/2010 Old Stone Ft SP - Manchester, TN	15
22 44	Collin Jones	Warminster PA	7/31/2010 Atlatl Rattle Green Flats, Hancock, NY	13
23 44	Priscille Lacoste	FRANCE	8/15/2010 Bruniquiel	14
24 41	Sven Muller	GERMANY	8/8/2010 Archeopark- Boario - ITALY	12
25 40	Muir Emmons	Hoop River OR	7/23/2010 Echoes In Time - Salem, OR	10

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

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2010 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-’10” and also check the “Top 25 List” near the top of the ISAC page.

One hundred youth threw ISACs in 2010 and eight threw five or more times. Antoine Jamon (84-X - this year’s Youth Champion and #13 youth score of all time), age 13 of France and Marlin Bassett (80 - #21 youth score of all time), age 7 of Warsaw, NY, are both new in the Top 25 List. Marlin Bassett (age 7) of Warsaw, NY, continues to lead as the most active thrower with a new record of 47 ISACs thrown this year (He has now thrown the most career games of any youth in ISAC history, 123). He broke the record for any 7-year old in ISAC history on three occasions. His current record is 80 and he is tied for 1st in the most decorated youth in ISAC history at 48 points. Keagan Gerber (age 14) of Wellsville, NY and Artemis Eyster (age 13) of Chelsea, MI join Harold Eyster and Torin Tindongan as the only youths in ISAC history to have competed for nine years. The following, not already mentioned, youth all scored above average in their age groups: Jordan Ashley (age 11) of Belvidere, TN scored 70; Noah Luikart (age 11) of Nelsonville, OH scored 67; Fanny Jamon (age 10) of France and Cedric Schlatter (age 10) of Switzerland both scored 72; Lucas Yates (age 8) of Ottumwa, IA scored 49-X. There are currently a total of 72 youth that have thrown 5 or more ISACs in a single year.

One hundred fifteen women threw ISACs in 2010 and twenty-five 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 leader in career ISACs (380); the only woman to score more than 20,000 (26, 651.9) career points. Lori Majorsky of Derry, PA becomes the second woman to throw 300 ISACs. Devin Johns of Erie, PA increased her highest career average score to 75.34. Sandra Riviere of France became the third woman to score 90 or better and sets the new record for women’s career “batting average” (.043). Sandra Riviere (90-X) and Devin Johns (87-X) improved their Top 25 Scores. Five women joined the ranks of 96 women that have thrown 5 or more ISACs in a single year (with their game total following their names): Kathy Carney (9) of Brooklyn, NY; Diane Lister (8) of Livingston, TX; Carey McCormack (8) of Carlsbad, Ca; Mary Granneman (7) of Ottumwa, IA and Casey Goble (5) of Elmira, NY

Three hundred seventy-eight men threw ISACs in 2010 and eighty threw five or more times. Together they threw a new record of 99 scores of 90 or better beating last year's record of 91. Gary Fogelman of Turbotville, PA continued his leadership as: the only man to score more than 1500(1601) points in the Total Point Aggregate Standings; most career ISACs (445); most career points (37, 312.1). Douglas Bassett of Warsaw, NY is the first person to have more than 150 (178) career games scoring 90 or better. Douglas (95.42) also had his fourth year of a Top 5 ISAC Aggregate of 95 or more. He also set records in every five-game increment from 15 through 70. Mamerto Tindongan (97-XX) of Albany, OH and Lauren Bernat (95-XX) join the "95 or better club" and improved their rankings in the Top 25 List. Kevin Ashley (94-4X) of Belvidere, TN and Cyrille Huc (94-3X) of France also improved their scores in the Top 25 List. Bob Kitch (92) of Husum, WA; Bernard Bouffier (92) of France; Ryan Grohsmeyer (90-XX) of Callaway, MD and Neal Matheson (90) of England join the 53 men to score 90 or better. Douglas Bassett (90.24), Mamerto Tindongan (88.16) and Kevin Ashley (86.52) had a personal high Year-end Aggregate. Cyrille Huc (90.12) of France joined the ranks of the 15 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! Keep it going Ray!

Twenty men joined the ranks of 280 men that have thrown 5 or more ISACs in a single year. Seven of these men also joined the ranks of the 124 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): Ken Faucher (86.86) of Somersworth, NH; Michael Frank (80.04) of Woodbridge, VA; Christophe Jamon (76.20) of France; Justin Garnett (75.04) of Fulton, MO; Eric Botte (74.40) of France; Jim Gnapp (73.46) of Canada and Chris Henry (71.20) of Oceanside, CA. An additional four men also joined this 70 or more group for the first time having previously thrown 5 or more ISACs in a single year: Stephane Madeline (78.64) of France; Ken Villars (75.48) of Apple Valley, CA; Jurgen Junkmanns (71.84) of Germany and Joe Hopkins (71.80) of Brooklyn, NY.

The following thirteen men are the rest of this group of twenty with the number of games that each threw in parentheses: Roger Granneman (7) of Ottumwa, IA; Jeff Luikart (7) of Nelsonville, OH; Salvador Ochoa (7) of Torrance, CA; Doug Owens (6) of Cincinnati, OH; Curtis Waggoner (6) of Sedgewickville, MO; Hobart Akin (5) of Manchester, TN; Allen Bagg (5) of Oxford, NY; Mark Dellinges (5) of Belmont, CA; Jeff Kilpatrick (5) of Hickman, KY; Gordy Ley (5) of Fairfield, PA; Jeremy Manley (5) of Cheyenne, WY; Ryan Prah (5) of West Bend, WI; Martin Schlatter (5) of Switzerland.

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Call For Papers-Saratoga Atlatl Symposium

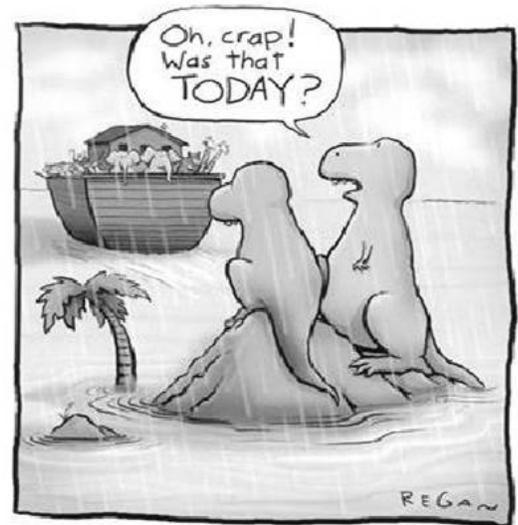
For its May 2011 Atlatl Symposium to be held in Saratoga, Wyoming, the Saratoga Museum and Wyoming Atlatl & Social Club invite contributions on the theme of prehistoric and modern use of the atlatl or spear thrower. Suggested topics/themes for presentations or posters include, but are not limited to ;

Prehistoric use and the role of the spear thrower; the impacts and outcomes of spear thrower technology, both short-term and long-term, on individuals, groups and communities.

Historic use and future trends; what factors influence the ability/willingness of individuals, groups or communities (including archaeologists) to become actively involved in atlatl use? What value does continued atlatl use hold for the future?

Personal self-reflection from experience with atlatl use; potential and possibilities for extending atlatl use in the future.

For further details please contact; Russell Richard, coyoteclown@aol.com, 307-772-0550



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The First Senior Moment - How Dinosaurs Became Extinct

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**The Tsegi Canyon Atlatl
Another “Truncated Handle” form
Basketmaker II Atlatl**

Justin Garnett, Missouri Atlatl Association

I recently had the pleasure and privilege of examining a great many Basketmaker II artifacts in the collection of the Harvard Peabody Museum in Cambridge Massachusetts. One of the more exciting artifacts examined was a fragmentary atlatl of the form which I will define as “Truncated handled” (Having a lower handle which is too short to be gripped during the throw). The exact provenience of the atlatl has been lost, however it has been attributed to either Cave 2, Arizona, or Cave 3 Arizona (Both in the vicinity of Tsegi Canyon). Thus I will refer to it as the “Tsegi Canyon Atlatl” (Peabody number 20-5-10/A5110). It should be noted that other atlatl have been recovered from cave sites in Tsegi Canyon, but typical nomenclature schemes name such items for the caves in which they were found-as the exact cave is unknown, it seems appropriate to refer to this specimen by the canyon

artifact is only slightly damaged, and presents the general form, which it originally held.

The Tsegi Canyon atlatl bears finger notches wide enough (2.5cm from proximal flare to distal flare) that they could have supported “floating” loops of multi-ply hide like the well-known Broken Roof Cave atlatl (Peabody number 22-13-10/A5598), but such speculation is at present just speculation. What is clear is that however the loops were attached and whatever form they took, the user’s fingers could not have gripped the handle in the throw. One way to throw with this type of “Vestigial” handle is discussed in Pettigrew and Garnett 2011, and is in fact the author’s preferred throwing style. This method of use puts the Tsegi Canyon atlatl in the same functional category as the Broken Roof Cave atlatl, the Spring Creek Cave atlatl and the McClure atlatl(s). There are several other compelling similarities between the Tsegi Canyon and Broken Roof Cave atlatl, aside from the fact that both are attributable to the Basketmaker II culture. Both bear a rather substantial weight on the shaft, and share an overall length of ~53.5cm. The “Working Lever” length-that is, the length of the atlatl shaft distal of the proximal ends of the finger

Tsegi Canyon Atlatl



Fig. 1-A, Ventral view of assembled fragments.

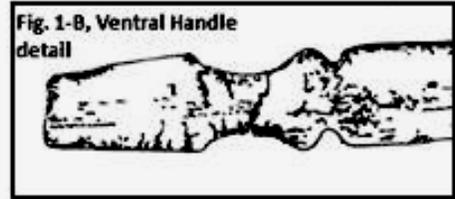


Fig. 1-B, Ventral Handle detail

name. This specimen is broken into many pieces, which can be reassembled, although two fragments cannot be set in place, suggesting that additional pieces may be missing, or that various pieces shrank differentially. The latter conclusion is likely correct. Thus the length of the instrument cannot be conclusively determined, although it appears to have been appx. 53.5cm in length. The atlatl is a thin (Appx. ~0.9cm thick) slat of unidentified hardwood, which appears to have been at one time coated with a thin layer of resin. Overall width is approximately 2.5cm at the widest point. The spur is slightly elevated above the surrounding face of the wood, is rather pointed, and is set at the end of a short, deeply cut heart shaped groove. The spur exhibits wear consistent with a long period of use. No seating for a weight is evident, so although a weight was found with the atlatl fragments, it is not clear where or how it was attached. This weight is wedge shaped, made of light gray stone, and bears stains which indicate where lashings passed around it’s midpoint. The stone is approximately 5cm long. Due to the limited amount of time I had to review the collection I thought it best to prioritize my time with the measurement of organic artifacts, so regrettably I have no more specific information on the weight.

The handle of this atlatl is quite short, extending for 3.5 cm below the finger notches. The end of the handle is very rough, and quite degraded, but one corner still appears to be undamaged. The handle flares outward below the finger grooves and then tapers inward toward the proximal end, forming a somewhat paddle-like truncated triangle. The author feels it a safe conclusion that the handle of this

loops to the proximal end of the spur, is also very similar between the two specimens, ~46.87cm for Tsegi Canyon vs. 44.2cm for Broken Roof Cave, making the two functionally very similar.

The Tsegi Canyon atlatl is a very interesting specimen, remarkable for its similarities to the best known Truncated handle form Basketmaker II atlatl, the Broken Roof Cave Atlatl. Truncated handle (Or handleless) forms of atlatl are not known ethnographically, but are becoming more evident through reanalysis of collections, and their practicality has been determined through experimentation. It appears that these initially bizarre looking spear throwers may not be as “unusual” as we may think, and further digging, be it in caves or collections, will likely turn up more examples in the future.

I would like to thank Susan Haskell and the staff of the Harvard Peabody Museum for their patience and assistance, as well as Jeremy Garnett for his assistance with data collection.

Without some goal and some effort to reach it, no one can live. Fyodor Dostoyevsky

**Atlatl Contest Winners Announced
Ken Faucher of Somersworth, NH Is 15th Annual
Northeast Open Atlatl Champion**

Elsa Gilbertson

ORWELL, Vt. – The Chimney Point State Historic Site in Addison is pleased to announce the results of the Fifteenth Annual Northeastern Open Atlatl Championship, held on Saturday, September 18, 2010, at a new venue, the Mount Independence State Historic Site in Addison.



The venue was changed due to the closing of Chimney Point for the 2010 season because of the construction of the Lake Champlain Bridge. The event is always the highlight of September's Vermont Archeology Month and is the oldest

atlatl event in New England.

“Over 40 contestants of all ages from Vermont, New Hampshire, Massachusetts, Connecticut, and New York tried their prowess and improved their skills with the atlatl, an



ancient spear thrower used around the world before the bow and arrow,” said Elsa Gilbertson, Regional Sites Administrator with the Vermont Division for Historic Preservation.

Competitors participated in accuracy, distance, and International Standard Accuracy Competition (ISAC) competitions.

Men’s overall gold medalist, Ken Faucher of Somersworth, NH, was crowned Grand Champion after a competitive shootout between the top medalists in all

categories. Competitors, facing a scenic view of southern Lake Champlain, shot at targets painted with images of woolly mammoth, deer, bison, black bear, catamount, and moose in the accuracy competition and down the field in the distance competition.



The gold overall winner in the women’s category was Susan Delaney of Bridgewater, NH, and Alex Morris of Essex Junction took the gold in the boy’s division. There were no girl competitors this year.

In the men’s category Rick Delaney of Bridgewater, NH took the silver, and Gary Nolf of Westbrook, Conn., captured the bronze. Elizabeth Haartz of South Woodstock took the silver in the women’s category and Celine Rainville of Highgate won bronze; both are repeat medalists.

In the boys category, Michael Fletcher of Meredith, N.H., won silver, and Jason Clark of Addison took bronze.

The Franklin Pierce University atlatl team of Rindge, N.H., which was featured this summer in a Sunday Parade Magazine article, wore their atlatl team jerseys and made a colorful showing.

Vergennes Middle School students under the coaching of their teacher, Jennifer Lawson, recently named Vermont Teacher of the Year, showed their enthusiasm and fine form, with Jeremiah Delorme and Trevor Currier coming in first and second in the boys distance section. Jason Clark of Vergennes was third in boys distance.

Events for the atlatl weekend also included a Friday morning workshop with Bob Berg of Thunderbird Atlatl with enthusiastic students from the Orwell Village School; a Friday afternoon atlatl and dart making and coaching workshop for students and adults from Rhode Island, Massachusetts, and Vermont; Woodland pottery and flint-knapping workshops sponsored by the Vermont Archeological Society on Saturday and Sunday; and a second ISAC contest Sunday morning.

John Morris, Sr., of Grand Isle, and Greg Maurer of Vergennes, Vermont, volunteered their skills in a master coaching class for children after the competition.

Photo 1 Atlatl making workshop with Bob Berg, Thunderbird Atlatl

Photo 2: Ken Faucher is crowned Grand Champion after shootout. Karl Crannell, Chimney Point site interpreter to left; Ken; Scott Dillon, judge; Allen Hathaway, range master.

Photo 3: John Morris Sr. takes a shot on the shore of Lake Champlain

Elsa Gilbertson, Regional Historic Site Administrator, VT Division for Historic Preservation

Chimney Point, Mount Independence, Hubbardton Battlefield, State Historic Sites

www.HistoricVermont.org/sites

**Old Stone Fort, Manchester, TN
Sept 24th-26th
Charles Swanson**

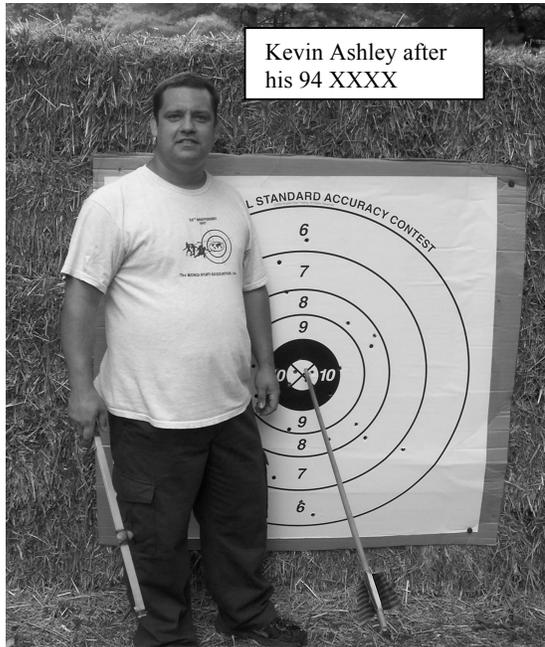
Had good weekend of throwing at the Fort. Along with the Ashley family, Lawrence Ariel, and the park employees, Richard Lyons came down from



Indiana and Claude Terry up from Georgia. On Friday, the weather was nice and sunny, but no great scores due to most of us having a miss or two, otherwise fun had by all. In the middle of the night, a rain storm came thru, which had me worried about field

a 75, Terry Ashley 78XX, Lawrence Ariel 87X, and Kevin Ashley 94 XXXX. On Sunday, we had one group of 4-5 throwers of which Jeff Kilpatrick threw a personal best of 83X. If there were any other personal bests, I apologize for leaving you out.

In looking thru the records on the website, the most X's thrown in an ISAC is 5X's by Mark Bracken in 2003. Also appears thru the years, that not uncommon for throwers to have 1 to 3 X's by their yearly or personal bests however don't believe anyone has ever throw 4X's in an ISAC like Kevin did on Saturday. Kevin may not have the highest ISAC score for 2010 but 4th overall with 4X's is pretty darn great. And I was there, to let out a good loud whooping yell for him. Of interest, Mark Bracken threw his 5X's in Belgium, which makes Kevin Ashley's 4X's on that cool fall Saturday afternoon at Old Stone Fort, Manchester, TN the most X's thrown in North America, USA. Once again, congratulations to all who threw their personal bests and to Kevin Ashley a

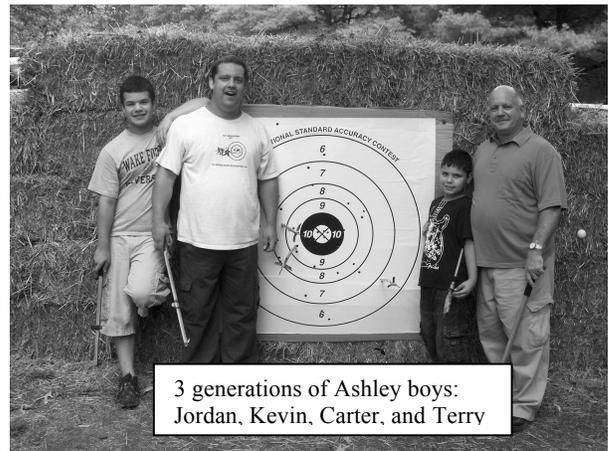


conditions for Sat but luckily rain cleared on thru and the area had been dry for awhile so the ground didn't stay soaked. On Saturday had a considerable temperature drop though changing the day to cool fall.

Don't know what was in the air but on Sat there were a number of personal bests and one really great score. With personal bests for: Hobart Akin with



good Whoooooooooooooooooooooooooooping yell.



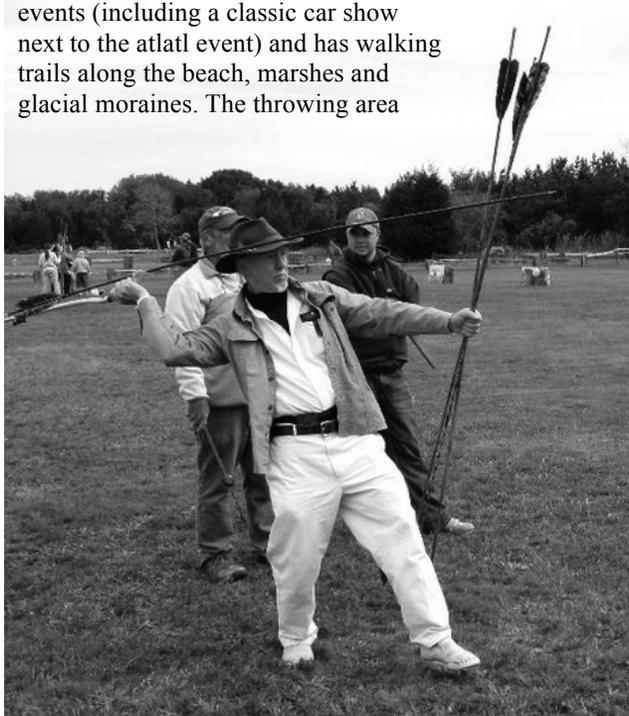
New England Atlatl Day

By Ken Faucher

New England Atlatl Day was hosted by Gary & Linda Nolf on October 2 & 3. This two day event was held at beautiful Hammonasset Beach State Park in



Connecticut. The park hosts numerous events (including a classic car show next to the atlatl event) and has walking trails along the beach, marshes and glacial moraines. The throwing area



was a large grassy area located just behind the barrier dunes and undeveloped beach along Long Island Sound.

The New England Championship consisted of 3 rounds, NY State round, animal round (10 targets, 2 darts each), and a modified ISAC (10M & 15M). The Youth Grand Champion was Tucker Yano. In the Women's Division, Joanne Fogelman placed third, Margie Takoeh was second, and the Grand

Champion, in a triumphant post-surgical return, was Lori Majorsky. In the Men's Division, Andy Majorsky was third, Scott Van Arsdale second, and

Grand Champion was Gary Fogleman.

A Mammoth Hunt was also held on Saturday. The successful hunters kept throwing from increasingly longer range until the top hunter was found. Frank Takoeh was third, Ken Faucher second, and the top Hunter, with a final throw of 50 meters, was Wayne Wells.

In all, 375 people registered over the two days. Many of them had never thrown before and the introductory/novice area was consistently full. There were also 29 ISACs thrown on Saturday and 22 on Sunday.

Greetings from Wyoming!

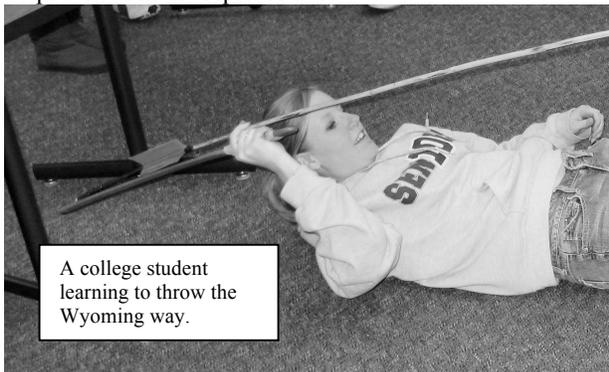
Howdy fellow flingers, associated atlatlists, and pals le propulseur,

Happy New Year! Another fun year ended for the Wyoming Atlatl & Social Club and for that I can only thank all the fine people who participated. We gathered under sun and snow and threw into, crossways, and away from the wind while pursuing bears, pronghorn, and coyotes. We huddled around small fires for warmth and companionship and ate from china and tin, those are the times to remember, the laughter, smiles, whoops, and groans linger long after the scores are forgotten.

In 2010 we only had four people who attained world ISAC rankings here in Wyoming but overall, the majority of the faithful throwers at our events have seen an increase in their average over the last year (ahem, myself excluded). The year was also memorable for all the kids who came to throw, at times there were three generations throwing together.

Unfortunately the total number of people who threw the ISAC in Wyoming in 2010 declined from our 2009 totals. The distances between the small towns here in the wide open west make it difficult to entice people to travel far for fun and like everywhere else we are in competition with all of the other available entertainment/sporting options. We may never be more than a few but some of us will keep darts flying here in the motherland of the atlatl.

This year will be the 30th anniversary of the first modern atlatl event and to commemorate that occasion the World Atlatl Open will once again for one brief moment make Saratoga, Wyoming the Atlatl Capital of the World. Rod Laird, the Grandfather of the modern atlatl resurgence, will cast the first dart and be the featured speaker at the Saratoga Atlatl Symposium. Mark the dates May 20, 21, 22, 2011 on your calendar and vow to participate in this historic/prehistoric event. Further details will be provided in the April Atlatl.



We still don't have a website yet but you can google our Facebook page and view most of the content. There are also three bullroarer videos posted on YouTube featuring 'Singing Stick' Jerry and all of the rest of us at the August 2007 and June 2008 events. Search for 'Eight bullroarers', '14 bullroarers', and 'Singing Stick' or atlatlwy. Some homegrown and rough atlatl video is posted there too.Wishing everyone strong arms, straight eyes, and satisfied smiles in 2011,

Russell Richard
Wyoming Atlatl & Social Club

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Missouri Department of Conservation

The Missouri Department of Conservation Director, Robert Ziehmer presented each Commissioner with an atlatl and dart as a Christmas gift. The Basket maker II atlatls and darts were made by WAA/MAA member Justin Garnett. The atlatls were made from a variety of Missouri hardwoods, while the darts were made from giant ragweed

From left to right: Commissioners Chip McGeehan, Don



Bedell, Becky Plattner, Don Johnson and Director Robert Ziehmer

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RESULTS OF MISSOURI'S FIRST ATLATL DEER SEASON

Submitted by Ron Mertz

First, I want to announce, that based on the information gathered from a survey of 11 known participants, no deer were taken during our first atlatl season in Missouri. Despite the fact that no deer were harvested during this first season, we feel it was a success. Participants enjoyed the experience and became more aware of the special challenges that use of the atlatl brings to the deer hunting experience. Also, while the number of hunters using an atlatl was very small compared to firearms and archery hunters, the designation of the atlatl as a legal method of pursuing deer has spurred a growing interest among Missouri hunters and the number will likely be larger next year.

While we were very pleased to have this opportunity to use the atlatl in pursuit of deer, in 2010, its use was limited to the firearms season. Designating the atlatl for use during the archery season would almost certainly increase the number of hunters using the atlatl. It would extend the time available for pursuing deer and provide a more conducive environment for hunters who want to experience a new level of challenge and enjoyment. Hopefully, the Missouri Department of Conservation (MDC) will make this change.

Note: The survey gathered a variety of information such as equipment used, days spent hunting, use of a tree stand, and a description of the hunting experience. If you would like an emailed copy of the report provided to the MDC please contact me at devoemertz@sbcglobal.net.

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**2010 FALL ATLATL FEAST & FLING
in DUNDEE WISCONSIN
Len Reismersma**

Our last official event of the year was held on the 23rd of October at the Sportsman's club in Dundee, WI. This year the weather was somewhat of a factor. The rain finally ended at around noon. The first event everyone participated in was the 3-D target round. Competitors were able to stand under the pavilion



and throw at the targets, which were placed out along the edge, without getting rained on. The targets were set at various distances depending on the size of the target and within what a reasonable hunting situation would be.

The next event had everyone throwing at two deer targets. Our Buck-Doe Challenge consists of ten throws, five at each target. The Buck is placed behind and to the side of the Doe where just enough of the heart lung area is exposed for a good shoot. If you hit the wrong target it counted as minus points. This was a close but enjoyable competition between all the competitors.

Other events during the day include the 3-D Mosquito. The competitors throw five darts at ten meters and five darts at fifteen meters. Its nice to be able to tell people that you can hit a mosquito at fifteen meters with your atlatl & dart.

We also had a 2-D Small Game Challenge Round, which consisted of two throws at each different small game target at close range. Targets include small animals, a weasel, rabbit, duck, frog,



gopher, and a squirrel, but don't hit the skunk.

Our Large Game Hunters round consisted of three throws at each, a mammoth, bison, elk, bear, and a cougar.

There were sixty-three throws at various targets, not including warm ups and practice for the ISAC. No wonder my arm was still sore three days later. We had fifteen participants: two from out of state, Ohio, and one K9 "Moose". Three new Wisconsin

participants who had never competed before also joined us. Did I mention all the food that everyone had brought to munch on during the day? Between

the feasting and flinging, fun was had by all

Congratulations to our name drawing winner Emily Rutherford who received a one year membership to the World Atlatl Association.



Our ISAC champions:

Youth: Vincent Rutherford

Women's: Margie Takoch

Men's: Andy Wendt

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He has achieved success who has lived well, laughed often and loved much; who has gained the respect of intelligent men and the love of little children; who has filled his niche and accomplished his task; who has left the world better than he found it, whether by an improved poppy, a perfect poem, or a rescued soul; who has never lacked appreciation of earth's beauty or failed to express it; who has always looked for the best in others and given them the best he had; whose life was an inspiration; whose memory a benediction. [published 11/30/1905 in the Lincoln (Kansas) Sentinel - an adaptation of this is often attributed to Ralph Waldo Emerson, though nothing like it has been found in his writings.]

World Atlatl Day: An idea long over due Linda Brundage

Sometimes just a small comment is all it takes to snowball into a big idea and that is exactly what seems to have happened in the last couple of weeks. I had sent out the announcement that Jim Fisher had done a wonderful job of developing a website for the New York Atlatl Association and hoped that people would check it out and leave comments. Tom Mills left the comment that perhaps he should get together a California Atlatl Association to give us a little competition - and that was all it took. I thought why couldn't we have a Cross-Continent Teams competition? New York and Pennsylvania have been doing teams competitions for a few years now successfully. Since I am in correspondence with the South Texas Atlatl Association often, I contacted them and asked what they thought of the idea, did they think it would work and would they be up for it. When looking at the WAA calendar, one cannot help but notice that those Texas boys are putting on a competition or demo almost every weekend and are constantly coming up with new ideas to make their events more interesting. Just say the word "competition" and they get excited at the prospect and they were excited about a team competition, so I put it out on the Paleoplanet site to see if others would be interested. One set day where anyone who could get a team together, competes, e-mails in their scores and we find out who wins - no big awards, just for the fun of it. I started getting replies not just from people in the states but from all over the world. Throwers started to contact other throwers to see if they could possibly get together to form a team. In the UK there are a couple of throwers in the south contacting a fellow in the north and could they maybe get the guy in Scotland? Missouri made a challenge out to Arkansas who gave a "bring it on" answer, from which Georgia said they would not only "bring it on, but bring it home". Pascal from Belgium contacted the French who have committed to having a team.

Now I have to give some credit here, the idea of State and International Team competition is not new. In 2000 Gary Fogelman had presented a three event, season long States and International Team competition. Anyone who has the back issues of the Atlatl for 2000 Vol. 13 #'s 1 and 4 can read up on it. It was successful but only seems to have taken place that year. I was still putting two sticks together in hopes of hitting the side of a barn back then so I had no idea this had taken place. Why it did not continue I have no idea. Perhaps with the computer making communication easier and many more throwers now than back then, it could easily become an annual season long competition.

As to what has developed for this year is simple and two fold.

1. World Atlatl Day be set for June 4th (date chosen for absolutely no reason at all other than it is one of the 5 bigger events already being held on that date).
2. Teams of 3 throwers on a flight, using an ISAC target with an ISAC score sheet.
3. Throwing distances will be measured at 10, 15, 20, 25 and 30 meters. Competitors will each have a turn throwing in rotation, from each distance and then go through it a

second time. One entry per team, but an individual may shoot on more than one team.

4. Each competitor's scores will be added up for their final score. All the final scores will be added together to make the Team total score.

5. Options for team roster can be one of the following:

- . all men
- . all women
- . all youth
- . open with any combination.

6. Scores will be done on the honor system and e-mailed to atlatldart1@gmail.com to be tabulated and the final placement of Teams will be posted on Paleoplanet, in upcoming newsletters (WAA Atlatl, NYAA, Sough Texas Atlatl etc.) and in private e-mails to the host who sent the scores in.

If you also want to hold ISAC competitions on the same day, you still must list it as an event with the Secretary for the WAA for your ISAC scores to count.

To date we have confirmations for fielding teams from: Connecticut, Texas, two from Pennsylvania, two from Missouri, three to five teams from New York, California, Arkansas, Georgia, possibly a Virginia team, Belgium, the UK and LeMans, France. Pascal is talking to others for more European teams.

I stated that this competition was twofold. One is what has been called the "Gentlemen's Club" competition. Friendly competition between serious throwers for best score and bragging rights. The second is for those people who want to be a part of the competition but are out there by themselves. There are those like the fellow in Washington State that does not know of or have any other throwers in the state but wants to be involved. Maybe you can get your brothers or your neighbors to throw on just that one day, just this one time to see how many people we can get to compete all on the same day, just for the love of the sport?

Please if you have any comments or questions feel free to contact me at atlatldart1@gmail.com. I would appreciate hearing what you think of the idea and would like to see some more state associations get involved.

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New York Atlatl Association

The New York Atlatl Association now has an up and running website. The new site has a community board and is connected to FaceBook. Jim Fisher has been working hard all week. If there is a link we missed or vendor who wishes to be added please let us know. Also if there is another feature you would like to see included contact us. The address is: nyatlatl.tripod.com and I hope you have a chance to check it out and let us know what you think.

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Join us on Facebook World Atlatl Association Page

Nominees for WAA Officers and Board of Directors, 2011

Vice President

Gary Nolf (CT)

My interest in the Atlatl began almost ten years ago while discussing the controversial issues of Atlatl weights with the state archeologist from Ct. Being a founding member of the Friends of the office of State Archaeology I was aware of a great number of these artifacts in the states collections. I decided to do some research and stumbled on the WAA. My wife and I went to an event in VT to see what it was all about and the rest is history. Being a woodshop teacher it didn't take me long to build a collection of atlatls that I bring to my traveling Atlatl road show. I have given hundreds of demonstrations, helped establish an Atlatl team and Archaeology club at a local high school and with the help of my dart throwing wife have organized a highly successful annual Atlatl event. I am dedicated to doing what I can to promote the mission of the WAA and will continue doing so in the future.

Executive Secretary

Courtney Birkett (VA)

I have been involved with the atlatl since 1997, when I became a member of the first Grinnell College atlatl team, and since 2005 I have served as WAA secretary. I am familiar with all aspects of the position, and so, if reelected, I will continue to do my best to answer all inquiries, direct interested parties to the appropriate resources, and keep the event calendar up to date and easy to use.

Board of Directors (Note: Four positions are open for 2011, including one director from outside the USA)

Christian Lepers (Belgium)

[Candidate for non-US Director

I am a chemist, but I have more interest in prehistory and flint knapping. I have used the spearthrower since 1992; my first contest in the European Prehistoric Championship was in September 1992 at Treignes, Belgium. Since 1999, I have been responsible for the Secretary's Office for the European Prehistoric Championship

Regina Dodson (WY)

I have been actively participating in atlatl events since introduced me to the atlatl in 1996. Since that time, I have learned to love the sport, but even more

importantly I have met so many fine people across the world. My family and I host the Wyoming Foothills Mountain event each year. We plan our event with hopes of seeing old friends and making new ones and to bring attention and participation to the sport. I would appreciate an opportunity to continue to participate on the Board of Directors for another term.

Chris Henry (CA)

I am the founder of Paleoarts, and have been interested in primitive technology, and atlatls in particular, since I was very young. In recent years this has blossomed into a full-time occupation. As a maker and seller of atlatls and related products, I feel I have an intimate knowledge of the sport and believe I would be a good ambassador for our favorite weapon. I have been very involved in recent years in promoting events here on the west coast including forming SOCAL (the southern California atlatl league), organizing much of last years Valley of Fire event, as well as hosting several ISAC's. I believe I could make a very positive contribution to the WAA, especially here in the west.

Margie Takoch (OH)

I am interested in renewing my spot on the WAA Board of Directors. I feel, as the Editor of the WAA newsletter *The Atlatl* I am more in touch with the 'pulse' of the WAA by being on the Board. I have been a WAA member since we started atlatling in 1998. We have traveled a lot to different events and put on an annual atlatl event at Meadowcroft Rock Shelter on the 3rd weekend in June. I love all aspects of the WAA - the people you meet, the friends you make, the history you learn, the competition with yourself and others, putting together the newsletter.

Roy Wenmohs (TX)

I am a member of the Austin Texas Lithic Arts and Technology League, the Austin Archery Club, the Texas Atlatl Association, and the World Atlatl Association. I have been working on atlatl skills for about 5 years, and I have been an avid team builder during that time. I have met some really great people through the WAA and want to play a greater role in the organization.

Nominating Committee: Jack Rowe. Glen Oechsner, and Ron Mertz (Chair)

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I don't believe you have to be better than everybody else. I believe you have to be better than you ever thought you could be.

- Ken Venturi

North American Atlatl Competition Events for 2011

Jan. 1-2	Frozen Blanket atlatl throw & ISAC. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
Jan. 8	Fogelman's, Turbotville, Pennsylvania , Finger Freezing ISAC and local. 10-4. Contact Gary (570) 437-2698. iam@indian-artifacts.net
Jan. 26 & 29	Frozen Blanket atlatl throw & ISAC, Laramie, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
Jan. 29	Indoor Shoot at Jim's Pro Shop – Shortsville, New York , ISAC and locals. Range Fee \$8. 10 am to 1 pm only. You will want to bring primitive bow with arrows rigged for standard arrow inserts if you want to shoot any of the video hunts on the big screen. Each hunt can accommodate up to 10 people at a time (separate fee is \$8 per person) Great Fun and Challenge! Exit 43 off Thruway and south on 21 to rte 96, 2 miles west (sign will probably say north) to just past blinking light for city rd 28. The block bldg (4885 Route 96) is on the left. Contact: RSVP to Douglas Bassett (585) 493-3625; Douglas.Bassett@oprhp.state.ny.us
Feb. 5	389 Simkin Road Elmira, New York , Tyoga Atlatl Association event. ISAC, Mastodon Open and NYAA (Team, Individual, Hunter, Distance and European) New York Atlatl Association, Inc. sponsored and Insured . Contact: Jack Rowe (570) 888-8258 rjrowe93@gmail.com or Tom Goble; (607)215-9405
Feb. 12	Annual Archeolympics at Seminole Canyon State Park, Texas , Events include atlatl and rabbit stick accuracy contests, plus a friction fire starting race. Contact: Tanya.Petrunev@tpwd.state.tx.us at (432) 292-4464 More information available on-line: http://beta-www.tpwd.state.tx.us/calendar/
Feb. 12	Texas Atlatl Association annual meeting following the Archeolympics. Exact location will be posted at the Archeolympics. More information available on-line: http://southtexasatlatl.com/TAA.aspx
Feb. 12-13	Melting Blanket atlatl throw & ISAC. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
Feb 12 -19	Wintercount, Maricopa Arizona . ISACs each day, beginning at 8:00 a.m. Field Round Wed. Feb 16. Distance throw Feb 17. Dry camping is available, but be aware that water is at a premium. It is brought in for the paid participants of Wintercount. Small quantities can be had, but it would be better to bring what you need. For directions see http://www.backtracks.net/Wintercount.html Contact Bob Sizemore (520) 705-9780 before 6 p.m. Mountain Time, or Lou Hillman x37e@aim.com , (585) 615-2801
Feb. 23 & 26	Melting Blanket atlatl throw & ISAC, Laramie, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
Feb. 26	Indoor Shoot at Jim's Pro Shop – Shortsville, New York , ISAC and locals. Range Fee \$8. 10 am to 1 pm only. You will want to bring primitive bow with arrows rigged for standard arrow inserts if you want to shoot any of the video hunts on the big screen. Each hunt can accommodate up to 10 people at a time (separate fee is \$8 per person) Great Fun and Challenge! Exit 43 off Thruway and south on 21 to rte 96, 2 miles west (sign will probably say north) to just past blinking light for city rd 28. The block bldg (4885 Route 96) is on the left. Contact: RSVP to Douglas Bassett (585) 493-3625; Douglas.Bassett@oprhp.state.ny.us
March 12	Indoor Shoot at Jim's Pro Shop – Shortsville, New York , ISAC and locals. Range Fee \$8. 10 am to 1 pm only. You will want to bring primitive bow with arrows rigged for standard arrow inserts if you want to shoot any of the video hunts on the big screen. Each hunt can accommodate up to 10 people at a time (separate fee is \$8 per person) Great Fun and Challenge! Exit 43 off Thruway and south on 21 to rte 96, 2 miles west (sign will probably say north) to just past blinking light for city rd 28. The block bldg (4885 Route 96) is on the left. Contact: RSVP to Douglas Bassett (585) 493-3625; Douglas.Bassett@oprhp.state.ny.us
March 12-13	Muddy Blanket atlatl throw & ISAC. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
March 13	Annual Atlatl Championship Tournament in Austin, Texas Hosted by the Austin Archery Club at Emma Long Park Thirty 3-D targets in the Hill Country! Meet at the clubhouse at 8:30 AM, target-tips only, contest fee = \$12. Following the tournament there will be an ISAC. More information available on-line: http://www.austinarcheryclub.com Or contact Bobcat Smith: martybobcat@yahoo.com

March 13	. Glen Oechsner's Residence. Minnie Lane. Cambellsport, Wisconsin ISAC, and other local events. noon - 5 p.m Contact: Glen Oechsner at (920) 533-5039 e-mail oechsner@dotnet.com or Lenny Riemersma at (920) 528-7454 e-mail lenmaryr@excel.net
March 19-20	Atlatl ISAC Wenmohs Ranch, Cypress Mill, Texas Contact Roy : raweye@yahoo.com More info available on-line: http://www.wenmohsranch.com/
March 23-26	Muddy Blanket atlatl throw & ISAC. Laramie, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
March 24-27	Annual Meeting of the World Atlatl Association Valley of Fire, Nevada ISACs all days, Saturday is the main event day Camping available in group camp area #3 starting Thursday and in group camp area #2 starting Friday. Contact: Tom Mills at (626) 794-9158 or paleoaleo@gmail.com
March 26	Alabama Russell Cave National Monument Presents: 1st Annual Atlatl Accuracy Competition Experienced and Novice Atlatl Throwers are invited to Russell Cave National Monument to participate in a 10,000- year old hunting tradition that was practiced by the earliest Americans. Competition begins at: General Public 10 am and Professional 2 pm World Atlatl Association Standard Rules Will Apply Bring a Picnic Lunch! For More Information Contact: James Holtzclaw at (256) 495-2672 or James A Holtzclaw@nps.gov 3729 County Road 98 Bridgeport, AL 35740
March 26-27	Atlatl ISAC Wenmohs Ranch, Cypress Mill, Texas Contact Roy : raweye@yahoo.com More info available on-line: http://www.wenmohsranch.com/
April 2-3	Blooming Blanket atlatl throw & ISAC. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
April 20 & 23	Blooming Blanket atlatl throw & ISAC. Laramie, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
Apr 29-May 1	Earthday Gathering 389 Simkin Road Elmira, New York Tyoga Atlatl Association event. ISAC, Mastodon Open and NYAA (Team, Individual, Hunter, Distance and European) New York Atlatl Association, Inc. sponsored and Insured. Contact: Jack Rowe (570) 888-8258 rjrowe93@gmail.com or Tom Goble; (607)215-9405
May 1-7	ISAC in conjunction with the Second Annual Buckeye Gathering, Forestville, California Traditional Arts & Primitive Living Skills at YaKaAma. Atlatl, cordage, flintknapping, buckskin, and much more. ISAC Monday thru Friday plus open target throw. Contact Bruce Weidman at (925) 937-7424. For more about the gathering, go to: buckeyegathering.net
May 6-8	May event at Fogelmans, Turbotville, Pennsylvania ISAC, local w/European, NY Events? Camping on premises, bring a dish to share. Contact Gary (570) 437-3698, iam@indian-artifacts.net
May 20-21	Spring Osage Knap-In, Boonville, Missouri I-70 exit 111, ISAC both days and other events on Saturday Contact Jon Wood (573) 881-662 jswood@mcmssys.com or Ron Mertz (314) 628-9376 devoemertz@sbcglobal.net
May 20-23	Ameliasburg near Belleville, Ontario Reenactment weekend beginning Friday, May 20th. All the participants are dressed in pioneer clothing and we also have hawk, bow, slingshot and children's competitions through the weekend. Atlatl competition on Monday, May 23 at 10am. All are encouraged to come in period dress, but no one will be turned away. Contact Mike Procter, 2657 Zealand Rd., Sharbot Lake, On., Can., K0H 2P0, tel (613) 279-2572 email procter@frontenac.net
May 20-22	World Atlatl Open 30 th Anniversary atlatl throw. Saratoga, Wyoming Three day event to celebrate the birthplace of the modern atlatl event , will include a symposium on prehistoric and historic atlatl use. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for details.
June 10-12	Atlatl-in-Action 389 Simkin Road Elmira, New York Tyoga Atlatl Association event. ISAC, Mastodon Open and NYAA (Team, Individual, Hunter, Distance and European) New York Atlatl Association, Inc. sponsored and Insured. Contact: Jack Rowe (570) 888-8258 rjrowe93@gmail.com or Tom Goble; (607)215-9405
June 17-19	Meadowcroft, Avella, Pennsylvania Noon Friday to 3 Sunday. Contact Margie theatlatl@gmail.com (740) 264-1755

June 24-26	Fat Blanket atlatl throw & ISAC. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
July 1-3	13 th Annual Foothill-Mountain Atlatl and Bow Open. This is the only remaining annual atlatl competition in Wyoming . 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 wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
July 15-16	MOJAM, Marshall, Missouri , ISAC and 3-D both days. Contact Jon Wood (573) 881-6622 jswood@mcmsys.com or Ron Mertz (314) 628-9376 devoemertz@sbcglobal.net
July 16	Sugarloaf Preserve, Walnut Creek, California , ISAC rounds, rabbitstick toss. Contact Ranger Bruce Weidman at (925) 943-5899 ext 2665.
July 21-24	The Atlatl Rattle at Green Flats, Casa De Fumo, Hancock, New York , ISAC, Local, NY events, more. Contact Gary (570) 437-3698, iam@indian-artifacts.net
July 30-31	Linesville (x-Saegertown) Pennsylvania , Artifact/Fossil Show and Atlatl Event. ISAC, Local. Contact Gary (570) 437-3698, iam@indian-artifacts.net
Aug. 12	That Dam ISAC, Albany Ohio , Friday evening on pond dam at Steve's house near Albany. Contact Steve Barnett barnz@juno.com (740) 698-6553 or Ray Strisczek ohioatlatl@hotmail.com (740)593-3465
Aug. 13-14	12th Annual Albany Ohio Atlatl Contests, Albany Riding Club, corner of Ohio State Route's 32 and 681. ISAC, IASAC and Ohio Atlatl Association local events. Contact Steve Barnett barnz@juno.com (740) 698-6553 or Ray Strisczek ohioatlatl@hotmail.com (740)593-3465
Aug. 13	Ancient Ways at Sugarloaf Preserve, Walnut Creek, California Atlatl competition comes to Sugarloaf. Our third year of ISAC contests. Atlatl field rounds will also be scheduled. Other happenings: rabbitstick toss, hoop and spear, make and spin an acorn top, tule crafts, displays, flintknapping, stick dice. Make a wooden necklace using only primitive tools, and more. Contact Ranger Bruce Weidman at (925) 943-5899 ext 2665.
August 13-14	Hot Blanket atlatl throw & ISAC. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
Sept. 2-4	Flint Ridge Lithic Society Knap-in. Flint Ridge State Park near Brownsville Ohio ISAC, IASAC and Ohio Atlatl Association local events. Contact Steve Barnett barnz@juno.com (740) 698-6553 or Ray Strisczek ohioatlatl@hotmail.com (740)593-3465
Sept. 8-10	Game & Fish Expo atlatl hunt and ISAC. Casper, Wyoming A major outdoor education exposition, a great family event. Open to all, equipment and instruction cheerfully provided. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550.
Sept. 9-11	389 Simkin Road Elmira, New York Tyoga Atlatl Association event. ISAC, Mastodon Open and NYAA. (Team, Individual, Hunter, Distance and European) New York Atlatl Association, Inc. sponsored and Insured. Contact: Jack Rowe (570) 888-8258 rjrowe93@gmail.com or Tom Goble; (607)215-9405
Sept. 9-11	Cahokia Mounds, Atlatl event at Cahokia Mounds World Heritage Site, Collinsville, Illinois ISAC all 3 days w/European and other contests on Saturday. Contact Jon Wood (573) 881-6622 jswood@mcmsys.com or Ron Mertz (314) 628-9376 devoemertz@sbcglobal.net
Sept. 16-17	Fall Osage Knap-In, Boonville, Missouri , I-70 exit 111, ISAC both days Contact Jon Wood (573) 881-6622 jswood@mcmsys.com or Ron Mertz (314) 628-9376 devoemertz@sbcglobal.net
Sept. 16-18	13th Annual Ohio Pawpaw Festival. Lake Snowden, St. Rt. 32 Albany, Ohio . www.pawpawfest.com ISAC, IASAC and Ohio Atlatl Association local events. Contact Steve Barnett barnz@juno.com (740) 698-6553 or Ray Strisczek ohioatlatl@hotmail.com (740)593-3465
Sept. 24-25	Cool Blanket atlatl throw & ISAC. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and time.
Oct. 8-9	Falling Blanket atlatl throw & ISAC. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclown@aol.com (307) 772-0550 for location and

	time.
Oct. 28-29	Zaleski State Forest, Lake Hope State Park ROAR days. Ohio ISAC, IASAC and Ohio Atlatl Association local events. Contact Steve Barnett barnz@juno.com (740) 698-6553 or Ray Strischek ohioatlatl@hotmail.com (740)593-3465
Nov. 5-6	Frosty Blanket atlatl throw & ISAC. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclownd@aol.com (307) 772-0550 for location and time.
Nov. 26-27	Last Chance throw. Cheyenne, Wyoming Open to all, equipment and instruction cheerfully provided. Sponsored by the Wyoming Atlatl and Social Club. Contact: Gary/Regina Dodson wyowinds@aol.com (307) 632-0766 or Russell Richard coyoteclownd@aol.com (307) 772-0550 for location and time.

UK Atlatl Competition Events for 2011

Feb. 6	Oast Farm, Buxted, Sussex . Contact Neal Matheson at spearthroweruk@googlemail.com
April 24	Oast Farm, Buxted, Sussex Contact Neal Matheson at spearthroweruk@googlemail.com
April 30	Magna Carta field archery club in Chertsey, Surrey A weekend event of spearthrowing, primitive skills, and a primitive archery competition. ISAC on the Saturday. Contact Wally Robson at wally_robson@yahoo.co.uk

Submissions for atlatl events: Courtney Birkett, Executive Secretary, 5 Grove Avenue, Williamsburg, VA 23185 phone: (757) 259-0116, email scratchblue@lycos.com

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WAA ANNUAL MEETING: VALLEY OF FIRE

2011 Valley of Fire Atlatl Contest is hosting the Annual WAA Meeting from Thursday, March 24, 2011 through Sunday, March 27, 2011. We will be holding ISAC contests on Thursday, Friday and Saturday afternoon/evening and on Sunday morning. Our main atlatl event will be a 3-D "hunter" round to be held on Saturday morning at the Atlatl Rock Picnic Area. Registration will begin from 8:00 - 9:00 A.M. The public is welcomed to join. There will be extra equipment available to those in need. Trophies to be awarded to 1st, 2nd and 3rd place in the Men's Division, Woman's Division and Youth Division.

We are also proud to host the 2011 US Open Atlatl Championships, with schedule to be announced.

Group camping for WAA members and guests will be available in the Beehive Group Camping area. We have reserved Group Camp area #3 for Thursday night for those arriving early. From Friday afternoon on, we will also have access to Group Camp area #2 (also located in the Beehive Group Area).

The WAA official meeting time/date to be announced. On Saturday evening, we will hold a group dinner (bring your own and share as you would like). After hours conversation and music around the campfire all three nights!

Contact Tom Mills at: Paleoaleo@gmail.com or at (626) 794-9158

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WAA T-SHIRTS

WAA T-shirts are now \$10.00 each. Shirts are all cotton and come in yellow or gray. Styles are "Large Logo" in sizes S to XXL and we have a limited number of "Twentieth Anniversary Small Logo" T-shirts left. Size L in yellow only and size S in both yellow and gray. Be sure to specify size, color, and style when ordering. Add \$3.50 per order for packaging and shipping.

Checks and money orders should be made out to The World Atlatl Association. Please send orders to:

Richard B. Lyons (WAA Treasurer), 5024 King Rd., Jeffersonville, IN 47130

Atlatl Contest Videos

This is a list of atlatl video (VHS and 8mm) I have shot over the years and transferred to DVD. They are all unedited (a work in progress) and more than a bit rough but still worth viewing. You can see some of the best fling their darts, especially legends like Leni, Bill, Terry, Jim, and the Ray's to name only a few. Simply contact me and let me know which ones you want and I'll mail you a copy. I would appreciate your covering the cost (\$3 for one, \$1.50 for each additional disc). I would also be willing to trade videos of your events for any of these.

Please use either of these addresses for video requests: atlatl@archaeologist.com or Russell Richard, 900 Carey, Cheyenne, WY 82007

Wyoming Atlatl & Social Club-Video library

1. Montana Mammoth Atlatl Hunt IIIV-July 1996-Blacktail Ranch, Montana (2 discs)
2. Fremont Indian State Park-June 1997-Sevier, Utah
3. World Open Atlatl Contest-June 1997-Fort Caspar, Wyoming
4. Spring Fling Thing-July 1997-Aurora, Colorado (Includes Dave Engvall's distance attempt)
5. Cahokia-September 1997-St. Louis, Missouri (2 discs)
6. NE Oregon Open Atlatl Challenge-September 1997-Umatilla, Oregon
7. April Fool's Throw-Charlie & Suzie Brown-April 1998-Arvada, Colorado
8. Great Basin Classic-May 1998-Honeyville, Utah
9. Fremont Indian State Park-June 1998-Sevier, Utah
10. World Open Atlatl Contest-June 1998-Fort Caspar, Wyoming
11. Platte River Rendezvous-July 1998-Douglas, Wyoming
12. Tautavel, France-August 1998-(Bows and atlatl w/ the Brown's, Lloyd Pine, Bill Tate, Pascal Chauvaux)
13. Cahokia-September 1998-St. Louis, Missouri
14. April Fool's Throw-Charlie & Suzie Brown -April 1999-Arvada, Colorado
15. World Open Atlatl Contest -June 1999-Fort Caspar, Wyoming
16. Fremont Indian State Park-June 1999-Sevier, Utah
17. Foothill/Mountain Atlatl Open I-June 1999-Curt Gowdy State Park, Wyoming
18. Couvin, Belgium-November 2001
19. Foothill/Mountain Atlatl Open IIIV-July 2006-Thermopolis, Wyoming
20. Game & Fish Expo-September 2007-Casper, Wyoming
21. Falling Blanket-October 2007-Cheyenne, Wyoming
22. Frosty Blanket-November 2007-Cheyenne, Wyoming
23. Melting Blanket-February 2008-Cheyenne, Wyoming
24. Melting Blanket-February 2008-Laramie
25. Muddy Blanket-March 2008-Cheyenne, Wyoming
26. Blooming Blanket-April 2008-Cheyenne, Wyoming
27. Green Blanket-May 2008-Cheyenne, Wyoming
28. Fat Blanket-June 2008-Medicine Bow Forest, Wyoming
29. Hot Blanket-August 2008-Medicine Bow Forest, Wyoming
30. Cool Blanket-September 2008-Cheyenne, Wyoming
31. Game & Fish Expo-September 2008-Casper, Wyoming
32. Frosty Blanket-November 2008-Cheyenne, Wyoming
33. Frosty Blanket-November 2009-Laramie, Wyoming

Miscellaneous:

34. Throwing with Ray Madden-September 1997-Joplin, Missouri (includes a trip to a rock shelter and to the tick farm)
35. Bullroarers-August 2007 & June 2008-Wyoming (more bullroarers than you can shake a stick at)
36. John Whittaker atlatl notes (essential reading)
37. A Lot-a-Atlats & Montana Mammoth Atlatl Hunt (an excellent Troy Helmick compilation)
38. Indian Knoll Kentucky-Atlatl components (an incredible array)
39. Wyoming Game & Fish Expo-Promo 2005 & 2007

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Those who dwell, as scientists or laymen, among the beauties
and mysteries of the earth are never alone or weary of life.-
Rachel Carson

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Long and Short: Reconstructing Key Marco Atlatls John C. Whittaker and Kathryn A. Kamp

The atlatl works as a lever. A small amount of movement at the grip with the wrist as fulcrum moves the hook end a much larger distance, providing mechanical advantage as you flip the dart away. Physical principles dictate that the longer the lever, the more advantage, the more efficient it is. Of course this is only true within limits; when the atlatl gets too long, the wrist is not strong enough to move the long shaft. An easy way of testing the atlatl as a lever is to change only its length.

I have been reconstructing the atlatls found by F. H. Cushing in Key Marco, Florida (Cushing 1897). His excavations in wet deposits in “The Court of the Pile-Dwellers” recovered a number of amazingly preserved wooden artifacts, among them several atlatls of two forms. One has a single hole, with a carved rabbit for a hook. The other form (Figure 1) had two finger holes, and resembled a very light version of some Mexican types. The problem is that Cushing lacked modern means of preserving his fragile finds, and although he did his best, the surviving specimens which I was able to examine at the University Museum of the University of Pennsylvania are severely shrunken and distorted. To build a testable replica requires making assumptions about how much shrinkage has occurred in different directions, and which of Cushing’s contradictory statements about length are more likely.

In his description of the two-hole atlatl, Cushing said it was 16 inches long when discovered, or 40.6 cm. In the caption to his engraving of it, he says it was 18 inches (45.7 cm). Now 40 cm is absurdly short for a working atlatl, so my first version of the atlatl was 45 cm long, which is still quite short. Cushing’s reported lengths for the two atlatls are from 127% to 107% of the existing shrunken specimens, so other dimensions of the atlatl were calculated on that basis with a bit of “fudging” to fit my hand and the proportions shown in Cushing’s original illustrations (Figures 1, 2). When I tried the short atlatl, I felt that it was too short to be effective, and the shrinkage calculations are not very reliable either. Accordingly, I made a second replica that was proportioned the way I thought it should be: 60 cm long, which is about what the Basketmaker form I use (a replica of the Sand Dune Cave specimen) measures (Table 1). I also made a



few minor adjustments in the handle to fit it to my hand. The proportions of the finished atlatl look more like those in Cushing’s published engraving. The table also shows the most important length of the atlatl as a lever, the length between the hook and the wrist that serves as a fulcrum.

Which of my Florida replicas is the better atlatl? One test is to throw for distance. We used the two atlatls, and two different sets of consistent darts, 4 wooden darts made by Bob Berg, and 6 aluminum darts made by Bob Perkins (Table 1). I threw 60 times, and Sam Levy threw 100 times. My throws were much shorter; I am 5’5” with a recent back injury, while Sam is 6’5” with correspondingly longer arms. In all cases, each set of 4 or 6 throws with a particular atlatl and dart by a particular thrower were very consistent. The standard deviations and minimum-maximum spreads in Table 2 show this. Our consistency gave us confidence that we both were repeatedly throwing to our maximum. As Table 2 shows, our results were similar, but Sam threw more, so his data are statistically better. I did not throw enough with the Basketmaker atlatl to use that data, but my few throws again gave me confidence that I was throwing consistently.

Not surprisingly, the longer atlatl performed much better than the short one, although the difference with the light aluminum darts was much greater. Throwing the light aluminum darts, Sam got about 20 m (or almost 25%) more distance with the long atlatl than with the short one. The consistently greater distance achieved by the long atlatl with both throwers and both types of dart confirm that these atlatls perform as levers. Longer levers are more powerful, as long as there is enough force to move the short end.

A more difficult question is whether the short or long replica of the Key Marco atlatl is a more accurate reconstruction of the atlatl used in ancient Florida. Experiments may help us think about this issue, but do not resolve it. The short atlatl certainly worked. I tried both atlatls with light cane darts as well as the wooden and aluminum darts, throwing for accuracy at 15 meters. Accuracy involves too many variables for an easy and unbiased test, but subjectively both atlatls seemed equally accurate, although I felt that throws with the long atlatl were faster and penetrated better. In other words, it produced more velocity, which translated into distance in the distance throwing trials.

Of course to test a prehistoric atlatl fairly, we should have the darts that were used with it. We don't know much about the darts that were used in ancient Florida. Cushing found what he described as "the plugged and hollowed or 'footed' shaftment of an elaborate cane throwing spear" with the single-hole atlatl (Cushing 1897:95). Some fragmentary wooden pieces that are probably foreshafts also survived (Gilliland 1975). For most purposes, light darts work best with light atlatls, as with the archaeological atlatls and darts in the Southwest. However, both atlatls did work with the heavy wooden darts, and when throwing them, the long form had less advantage. A coastal culture might use heavier darts as harpoons. If the originals were really as short as my first version, that might have been their function. It is also possible that they were intended for small people such as children, or were not really made for use at all, but there is no evidence to support either conjecture.

As often in experimental archaeology, we can get at simple physical principles more easily than we can interpret the original uses of an artifact. Testing two variations of the Key Marco atlatl provides a nice demonstration of the atlatl as lever, and the effect of changing a single variable, in this case, length. The tests do not fully answer the question of which replica more closely resembles the ancient atlatls used in Florida. My replicas do provide two plausible reconstructions of Cushing's atlatl, and by letting us test them, they help pose questions that can only be answered by further archaeological evidence.

Figure Caption

Figure 2. My two replicas, short and long. Different experiments with the decoration can be seen. At the bottom is a replica of the shark tooth knives used to carve the original. It worked very well, although I did most of the work with modern tools.

References

Cushing, Frank Hamilton

1897 Explorations of Ancient Key Dwellers' Remains on the Gulf Coast of Florida. Proceedings of the American Philosophical Society 35(153):329-448.

Gilliland, Marion Spjut

1975 The Material Culture of Key Marco, Florida. University Presses of Florida, Gainesville.

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I thought it was interesting the way he was holding the woomera

<http://paleoplanet69529.yuku.com/topic/39695/Interesting-photo>

BLACKWATER DRAW ATLATL THROW BY ROY WENMOHS



The 10th Annual Black water Draw Atlatl Throw was hosted by Eastern New Mexico University and Dave Batten. The wind was gusting up to 40 mph. I hit the first target but the dart bounced off. That affected my brain cells and on the next shot I choked. The atlatl flew to the left and the dart landed halfway between the target and me. On the next target I was lucky because my dart only hit the edge, but they counted it anyway. The New Mexico Military Institute was competing and doing great. George Crawford from Eastern New Mexico University was throwing in my group. So was Nick Unger from San Marcos. The competition was fierce. Dave Batten organized the event and he did a wonderful job. Tommy Heflin made some beautiful Clovis points for prizes in the contest. After the event we all went to Tommy's house. Everybody was flint knapping until they dug up a whole hog that was buried with coals. We ate that hog along with some *cabrito* and loved it. It was a feast!!! I am thankful to the folks in New Mexico who made this experience so awesome! For more additional information and gallery of photos:

<http://theclovis-site.wordpress.com/past-events/atlatl-2010/>

4th Annual

ARCHEOLYMPICS



A Primitive Skills Competition

Saturday February 12, 2011 at Seminole Canyon State Park, 10am – 4:45pm

Atlatl - This ancient spear thrower was used for thousands of years before the bow and arrow to hunt large game like deer and buffalo. Compete for accuracy as an individual (youth or adult) or team (perfect for scout troops and university clubs). Use our atlatls and darts or bring your own to throw for accuracy.

Rabbit Stick - This boomerang-like weapon was thrown at small game like rabbits. Use our rabbit sticks or bring your own to throw at targets.

Friction Fire Race - Be the first competitor to use the simple or thumb-loop assisted hand drill technique to create an ember and then blow it into a flame. Bring your own kit and tinder bundle.

REGISTER FOR COMPETITIONS

10:00 am to 11:00am

Registered competitors can practice their skills on the practice ranges till 11:00am

ALL DAY DEMONSTRATIONS/DISPLAYS

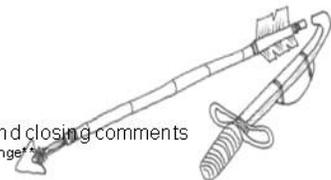
11:00 am to 3:00 pm

Atlatl & Rabbitstick Demonstration
Flint-knapping Demonstrations
Friction Fire-starting Demonstration
Cordage Making from Native Plants
Replica Artifacts and Ask an Archeologist
Texas Atlatl Association Display Table
Las Moras Frontier Living History



TIME OF COMPETITIONS

*Rabbit Stick Throw
11:00-11:45 Youth (ages 12 and under) Adults (ages 13 and older)
*Friction Fire
11:50-12:30 Singles all ages
*Break 12:30-12:45
*Atlatl
12:45-1:30 Skilled
1:35-2:30 Amateur
2:35-3:15 Atlatl-Team
*Awards
4:00-4:45 Awards presented and closing comments
Times are subject to change



CONTACT:

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**This is how they do it
in Wyoming.**

First atlatl event of
2011.

Russell Richard getting
a 77.

Atlatl: \$60.00

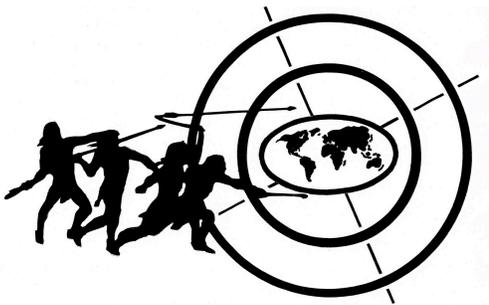
Dart: 30.00

Russell in his long
johns: Priceless

Sports do not build
character. They reveal it.
- Heywood Broun

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First Class Mail



The WORLD ATLATL ASSOCIATION, Inc.

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www.worldatlatl.org