

Volume 30 issue 10/2013



# Maya News September 2013



## Presidents Report- Carlos Rodriguez 916-201-6798

Let us all welcome in the fall as it officially begins Sept. 22<sup>nd</sup>. Along with the cooling weather we have a few upcoming events at the Club, Sun. 10/13 we will host the NorCal Championships along with our Maya Club Championship, and on Sunday 11/3 we will be hosting the 26<sup>th</sup> annual Awesome Stickbow Classis.

On that note I am proud to announce that Bob Lawson founder of the Awesome tournament will be inducted into the CBH Hall of fame. We are very proud of both Bob and Olivia Lawson and are blessed with the many efforts they have been giving to archery over the years. Bob is not only an accomplished hunter, bowyer, educator, and chef but has worked on most, if not all of the major projects at the Club for all to enjoy. Olivia is a Saint as well, holding numerous officer positions at the Club helping being the guiding light; she also manages the ever so important check book. Both Olivia and Bob are the creators of the famous lunches provided at the work party and also the Food at the tournaments. If you ever want to see either of them smile just mention archery, and believe me they have been giving their heart & soul to this sport for many years. On many evenings and weekends you can catch either of them on the range helping Robert Moore teaching youth archery. Bob will be officially inducted into the hall of fame this January. If anyone is interested in attending this prestigious event please contact me as dinner tickets are available.

Throughout this year I am very pleased of the turnout we have been experiencing at the Club work parties. Every Sat. Beginning 10/12 through Sat. 11/2 there will be work parties preparing for the Stick bow tournament 11/3. This is just a friendly reminder that you have to volunteer either in the Stick Bow Tournament or the Around the World tournament to receive the reduced yearly dues. It is a great way to get involved in the Club, give back to a sport that you love, and meet a few new friends.

Shoot them straight & often  
Carlos



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Thank you Wilderness Archery in Rocklin for being such a great Supporter of the Maya Archery Club



Wilderness Archery  
4870 Pacific Street  
Rocklin, CA 95677

(916) 630-8700  
Fax: (916) 6300-0380  
WildernessArchery.com





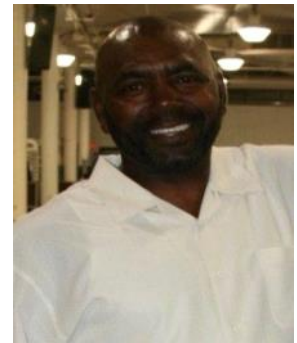
Not much happening this time of the year except for a few club activities. Mostly club shoot Sunday's, work parties, club meetings and members practicing to maintain their form getting prepared for the winter league.

Other members are still out chasing that elusive buck or making plans to harvest a bull elk. Remember to send in your successful hunting photos to our webmaster (elkbowl@wildblue.net) so he can put them on our website. Please use some discretion when taking photos of your harvested animal.....no tongues hanging from the animal's mouth, no intestines/blood showing, no sitting on the animal and no photos of animals being skinned. Take pride in the game you harvest, let it show in your photo.

Starting October 12, 2013 we will be having work parties every Saturday getting ready for the Stickbow Classic, which will take place November 3, 2013. This is one of the mandatory special events that you are required to work. If you did not work the Around the World Shoot (for whatever reason) you still have time to make this event. There will be emails forthcoming to give you a reminder. As always we need your help to make this shoot a success.

I am one of those people I mentioned earlier that is making plans to chase elk. So I am off to Colorado tomorrow in search of my biggest bull. Make sure you periodically check our website, I will be sending photos. Take care of the club and I will see you in about 3 weeks.

Robert Williams, Vice President  
Maya Archers  
916-717-0671



VP -  
Robert Williams

I have sent out close to 40 Donation letters to various Traditional archer manufacturers and suppliers for possible donations. So far I've had one positive response. I'm still waiting to hear back from the rest. In the meantime any donations for our raffle would be graciously accepted and appreciated. Attached is a copy of the Donation letter sent out (see page 7). So if any one of you would like to make a copy and hand it out to a store or business you know that may be willing to give a donation, please feel free to do so; it does not necessarily need to be archery related.

Thank you for your help and assistance.

Paul Cordingley  
Publicity Officer

Publicity Officer



VP Target - John Tarro



Class Secretary-  
Doloris Newberry

At our last club shoot which was held on July 14th, we had 5 shooters. I can't understand when we have over 300 club members and only 5 show up to shoot. What is wrong with our members?

Our next club shoot is Oct 13th. Hope to see you there.

Our awesome stick bow classic is right around the corner. It's the 2nd and 3rd of November. We will need a lot of help putting this on. This is a fun shoot of all of our out of Towners's. Members aren't allowed to shoot.

Hope to see more members out at the club shoot.  
Keep shooting straight

Doloris

#### JULY CLUB SHOOT SCORES

M-A-BHFS-A CLASS		
BRENT PRUHSMEIER	508	33 SPOTS
DOUG ROSIN	537	44 SPOTS 1ST
ROBERT MIZE	315	3 SPOTS

-----  
F-A-BHFS-A CLASS  
MICHAELLE MIZE

NO CARD TURNED IN



Broadhead league pictures taken this summer



Treasurer -  
Olivia Lawson

Currently we are preparing for the Awesome Stickbow Classic it will be our 26th year for this event. It is for Longbow, recurve and self bow guests. The flyer is on the web-site. We will need help between now and then. By the time you get this newsletter we will have had a ceramic painting work party, for the first place awards, come out and see what we have come up with. Thanks to those members who helped on this special work-party on Sunday, October 22, it will be fun as it was last year when we did those awards. November 3rd is the date for this up coming event.

As you may know we are looking for raffle prize donations for this event. if you would like more information contact Paul Cordingley, our Publicity Officer. We will have a box in the club house for donations if you would like to bring yours out and drop it off. Please put a note on who donated it for Paul to log in.

Thanks!

Olivia Lawson  
Treasurer





Nor Cal /Legislative  
Representative  
Robert Moore

### **Nor Cal**

What is Nor Cal? The full name for this regional group is Nor Cal Bowhunters. They represent the areas 7 archery/bowhunting clubs and 2 archery pro shops to California Bowmen Hunters State Archery Association (CBHSAA). CBHSAA and Nor Cal are chartered to the National Field Archery Association (NFAA). What does Nor Cal and CBHSAA do for Archery or Bowhunting? There are many facets to their representation of Archery and Bowhunting. CBHSAA is "Dedicated to Promoting and Protecting the Archery and Bowhunting Heritages". This statewide organization speaks for California Archers and Bowhunters in matters concerning Legislation and Regulation

since 1943. The Legislative committee of CBHSAA includes a Coordinator, 6 state area reps and each region group has one legislative representative. Archery is a shooting sport so at times issues arise to limit or exclude the shooting of Bows and Arrows for any purpose. CBHSAA will pursue those actions for the benefit of all Archers and Bowhunters.

California Bowmen Hunters State Archery Association (CBHSAA) petitioned the California Fish and Game Commission (CFGF) to change the archery pheasant season from Post general season to Pre general season to gain addition time to pursue pheasants with archery equipment. The CFGF has adopted the proposal at their August 7th meeting.

Robert

### **Community**

The next Maidu All Skills Archery Class will be Saturday October 19th and November 16th 10am to 12pm. These classes are held at the site in range far right side. During these classes the site in range is still open except for the 20 yard target for safety reasons. Thanks to all the members who have used the site in range while the classes have been held to keep safety as a priority.

### **Youth members**

There will be a youth work party project the fall and spring. The project winterizes the target bales for winter and then for the spring removes the coverings. The start of the project is scheduled for Saturday November 2<sup>nd</sup> at 8am. Youth will earn work party credits towards their membership dues, lunch provided. Contact Robert Moore at [moorerobt@surewest.net](mailto:moorerobt@surewest.net) for more information on this project.

Robert



**Community  
Robert Moore**



**Range Manager -  
Brad Hastings**

Well, another month has gone by. Nice to see a lot of new members join us on the work parties. Don't forget that our work parties are held on the second Saturday of each month and starts at 8:00 o'clock sharp.

Brad

June and July New Members:

I would like to welcome our new members to the club.

Let's take the time to make these people feel welcome and support them in their archery activities.



Andrew Luebke



Zachary Ruland



Jaylin Heffron



Dan McManus



Adrienne Taylor



John Witesman



Michael Johnson



Raphael Klug



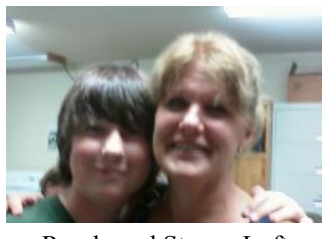
Richard Maxwell



Ken Smith



Alan McConell



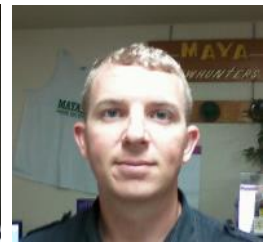
Ronda and Steven Luft



Mike Earles



Andy and Marcos Palmer



Dan and Michelle Klein



Ed Kriz



Tom Green



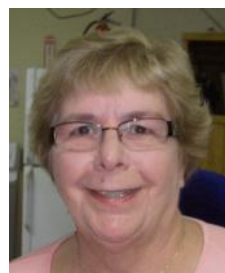
James and Brennen Newman



Steven Luft



Mike and Zachary Howser



Dottie Kelty

Not pictured :  
Kaylee Doty  
Jason Julienne



Timothy  
M'Gahan



When guests find out that I do archery, I like to show off my fantastic looking bow. Often one of the questions I am asked is "how far will it shoot?". This can be taken two ways that I see. What is the greatest distance I can fling an arrow and how far away can I hit what I am aiming at. The first is a math problem using trigonometry, while the second is a question about my skill level which I will not cover.

How far will my arrow travel. When I get asked that, my original answer was "A very long way!", that was because I really had no idea. This has led me into finding out. I will only be able to provide the unrealistic theoretical distance, because the actual distance will be less due to wind resistance, each arrow will be different due to mass of the arrow, fletching or feather configuration, diameter, or any other variable that I have missed. So lets look at the theoretical distance.

The main force acting on our arrow that limits our distance is gravity. The acceleration of gravity will pull the arrow from its strait path down. While this seems obvious, putting gravity into a formulas takes a bit of work. Pulling out my old physics book, we see that gravity accelerates an object at 9.8 meters per second per second ( $m/s^2$ ) or for us Americans that is about 32 feet/ $s^2$ . We see that there is a squaring of the seconds so the arrow does not fly in a straight line but a inverted Parabola. The formula for the arrow trajectory used is based on two different formulas:

$$1) Y_t = V_{\text{initial}} \sin(\theta)(\text{time}) - 1/2 g (\text{time})^2$$

$$2) X_t = V_{\text{initial}} \cos(\theta)(\text{time})$$

We use the sin(angle) and cos(angle) to get the initial velocity for X and Y for the rated or measured arrow speed of your bow.

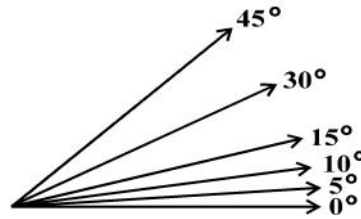
Formula 1 gives us the flight time

Formula 2 gives us the distance based on the flight time

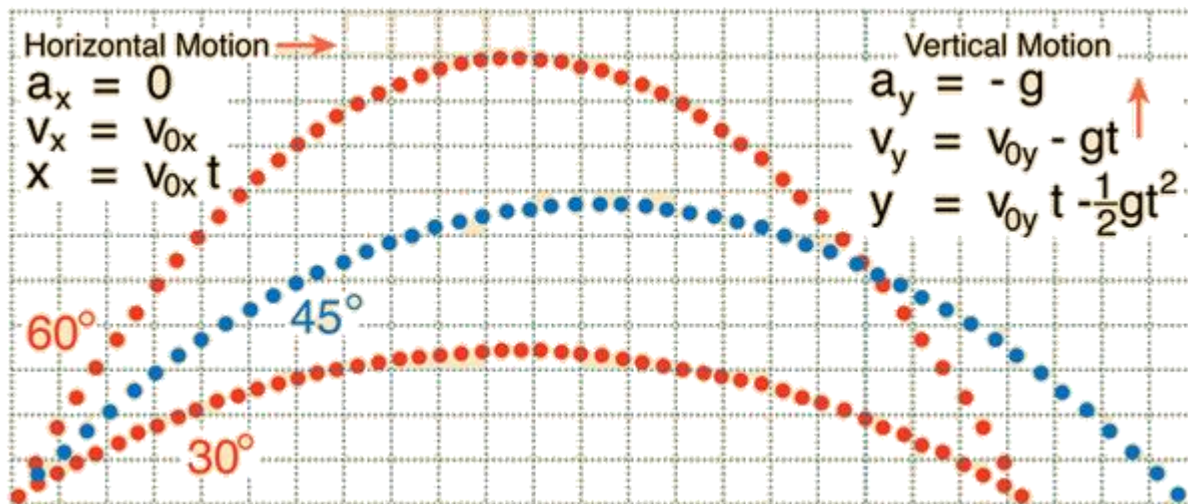
This website gives a very in-depth look at the effects of wind drag and overall flight of the arrow is: <http://www.technicalarchery.com/>

Range in yards based on Velocity and Angle of Departure

Angle of Departure	Velocity		
	180 ft/s	240 ft/s	300 ft/s
5 degrees	73	120	183
10 degrees	123	213	328
15 degrees	173	304	472
30 degrees	292	518	809
45 degrees	334	595	931



<http://www.technicalarchery.com/>



<http://hyperphysics.phy-astr.gsu.edu/hbase/traj.html>

Thank you Sportsman's Warehouse in Rocklin for being such a great sponsor and support of the Maya Archery Club

Maya Classified:  
No Items for sale this month





**Maya Bowhunters of Roseville, Inc.  
750 Galleria Boulevard  
Roseville, CA 95678**

Sep. 1, 2013

*To Whom It May Concern:*

The Maya Archers is a non-profit 501-C7 organization that maintains an archery range on city property in Roseville, CA. The range is open to the public year round with a member sponsor. We also work with the Roseville Parks and Recreation - Maidu Community Center, the California Department of Fish and Game, 4H Programs and local schools providing archery instruction to youth. All of our instructors are United States Archery Association (USAA) and National Field Archery Association (NFAA) certified.

Although the range is located on city property, the Maya Archers are responsible for maintenance and upkeep of the area and receive no monetary assistance from the City of Roseville. As a way to raise money for the care of the range, the Maya Archers host an annual archery tournament known as the **"Awesome Stickbow Classic"** shoot. This year the tournament will be held on Nov. 3<sup>rd</sup>, archers from California and many other states will be attending. All funds raised during this shoot are used for the care and maintenance of the range and to purchase necessary supplies and equipment.

One of the highlights of the "Awesome Stickbow Classic" shoot is the raffle. Please consider donating an item(s) to include in our raffle (your donation does not need to be an archery related item). We would appreciate anything you would like to donate and we always acknowledge the names of the donors. Your donation would really help make our raffle a success. Please send your donation (s) to the address below or contact me via telephone if you would like your donation(s) picked up. Please help us keep the Spirit of Traditional Archery ALIVE!  
Thank you for your consideration in this matter.

Sincerely,  
my email [florencecordingley@gmail.com](mailto:florencecordingley@gmail.com)  
Paul Cordingley, Publicity Chairperson  
8069 Mesa Oak Way  
Citrus Heights, CA 95610  
(916)723-9471 cell(916)208-4975

**Calendar of Events** - checkout our website for current information [Mayaarchers.com](http://Mayaarchers.com)

SEPTEMBER	
September 3rd	Club Meeting – 7:00 pm
September 8th	Club Shoot – 9:00 am
September 14th	Work Party – 8:00 am
September 24th	Board Meeting – 6:30 pm

OCTOBER	
October 1st	Club Meeting – 7:00 pm
October 12th	Work Party – 8:00 am
October 13th	Club Shoot – 9:00 am / <b>Club Target Championships</b> <a href="#">NorCal Target Championships</a>
October 22nd	Board Meeting – 6:30 pm

NOVEMBER	
November 3rd	<a href="#">26th Stickbow Classic</a>
November 5th	Club Meeting – 7:00 pm
November 26th	Board Meeting – 6:30 pm
DECEMBER	
December 1st	<b>Toys for Tots Shoot</b>
December 3rd	Club Meeting – 7:00 pm
December 8th	Club Shoot – 9:00 am
December 14th	Work Party – 8:00 am
December 25th	Christmas

CBH/SAA 2013 Events Calendar  
Can be found at [www.cbhsaa.net](http://www.cbhsaa.net)



Scan the symbol at the left to visit the  
MAYA Archers of Roseville Website.

MAYA ARCHERS OF ROSEVILLE  
PO BOX 1072  
ROSEVILLE,CA 95678

FIRST CLASS MAIL