

CONEJO QUIVER



info@cvarchers.com
www.cvarchers.com

Monthly Newsletter

October 2012

From the Prez

To all CVA member's

It is hard to believe that a full year has happened since the last elections. First of all I would like to thank Laura Loya and Chris Champigny on their service on the board and to congratulate the new board members Bonnie Marshall and Robert Luttrell. I look forward to working with the entire board over this next year.



This last year has been great for CVA, membership is up, participation is up, finances are solid, JOAD is at capacity, and we have been making progress on the new FITA range. What more could we ask for? Well that is the question I asked the new Board of Directors to think about, and right now I am asking you the same question. We are putting together a plan to take a deeper look into how we can improve CVA over this next year. So expect some changes. If you have ideas on the direction of CVA please, feel free to contact me or one of the board members.

The end of the year awards & fun shoot are coming up on October 28th. Please, come out. There will be food and fun. The schedule is as follows:

8:00 – Fun Shoot (Shoot some or shoot all the targets, just have fun)

11:00 – Introduction of Board of Directors

11:05 – Food

11:45 - Awards

To make things a little more interesting I have decided to use the 28 target NFAA range and do a 2 arrow shoot as follows:

- ◆ **-Targets 1 to 7: Hunter/field (just like the normal shooting)**
- ◆ **-Targets 8 to 14: NFAA animal round (So people learn about the animal rounds)**
- ◆ **-Targets 15 to 21: Left over zombies and 3D from the Fun in the Sun shoot**
- ◆ **-Targets 21 to 28: President's choice (let's see how creative/wacky I can be???)**

This plan is subject to change, so be ready for anything. Detailed instructions will be provided on shoot day.

Keep score, as I will award guest passes to the World Famous Magic Castle in Hollywood to the highest compound and traditional shooters.

The course has cub and youth stakes for the kids, so if anyone has never shot the roving range this is a great opportunity, to check it out.

Also, this is a great time to have some fun and meet some of the other members of the club that you might not meet otherwise.

Now, let's get out there and shoot some arrows and get ready for the winter season.

Clark Pentico
CVA President

From the desk of The Vice Prez

Dave Dragan



Hi Everyone,

Well as you all might know the elections for new board members and executive directors have been held and the results were announced at our last general meeting. I would like to take a moment to first thank our board members who are leaving. Laura Loya and Chris Champigny for their help and dedication to making CVA the best archery club around! Although they both will not be on the board I know that they will continue to help us grow and always be giving members especially around JOAD!!

My personal thanks to you both for your hard work and dedication!! Now the two new members who were elected are Bonnie Marshall and Robert Luttrell, who I know will be an asset to the board and we all welcome you and look forward to working with you this coming year to help with a long list of things we want to accomplish!!

Kurt Hoberg was reelected for another term as well as Clark Pentico for President, John Downey as club secretary, and myself as Vice President. I know that I speak for us all when I say that we all are dedicated to working to make CVA the best Archery Club and Archery venue in the country, and to help our membership grow with positive ideas and support for all our members!! But we can't do alone so remember as members we all need to join in and help where ever we can, come to the club meetings and let your board know what's on your mind so we can better serve you!!

That being said I am looking forward to a very busy and productive year and continuing to make our club the best it can be!!



Now just a few reminders of things coming up on the calendar. First is the Fun In the Sun tournament on Sunday October 21st. Then our end of the year club fun shoot and club awards/BBQ on Sunday October 28th, and finally our annual JOAD Halloween Bash on Saturday November 3rd. As you can see it is going to be a busy few weekends in a row!!

All of these events take a lot of effort to set up and clean up, so this is a great opportunity to step up and get involved in you club! Just contact any of the board members if you would like volunteer some time and help and we will put you in contact with the appropriate person who will assign you a job! Just remember it takes all of us working together to make this happen and its a fun way to meet other club members who share the same love of this sport as you do!!

Thanks again everyone for all that you do and I truly am looking forward to serving another term as your Vice President. And I want you all to know that you can contact me anytime be email or phone if you have any concerns or ideas and I will always respond as soon as I can!

I look forward to seeing you all around the range, remember to always shoot for the gold!!!

All My Best,
Coach Dave Dragan

CVA JOAD News



HI All

Hi all,

Well, here we are supposedly moving into our winter months and it's still 90 degrees and maintaining! This month we had two archers pressing on to hit the mark. Jalen Lowry easily acquired his Junior Bowman pin with points to spare. He is showing good form and a determination to penetrate the ranks. And we have a new member! Stephanie Hullar of Simi Valley has joined our group. She also easily acquired her Qualified Archer pin and is eager to press onto the next level. Welcome aboard Stephanie!

Talked to Chef Mike and all seems in order for the 6th Annual **JOAD BBQ Bash**. **The date set is November 3, 2012**. So, all you party animals, let's get our festive gear in order and start organizing this thing! As usual, check in with Chef Mike and crew to work out the details. Can't hardly wait!

Rumor has it that head coach Dave is planning a few changes at the JOAD facility. Possibly reconfiguring some of the target bales to accommodate and spread out the crowds. Check in with Dave to see when and how you might be able to help out. Thanks again for all you volunteers who have been helping out with the massive crowds we have hosted lately...without your help this program would not be able to succeed! Thank you, thank you and thank you..... :)

So, that's about it for now....see you out there next Saturday.
Coach Mike

THE MOST AMAZING ARROW EVER MADE!

A Guide to understanding today's carbon arrow.

By Curtis Hermann

The majority of the marketing dollars a manufacturer utilizes to entice the archer to spend his hard earned dollar is in the advertising of a speed bow. I think we can all agree on that and confirm it by perusing the ads in that archery magazine lying next to your recliner.

I have always found this to be ironic because archery knowledge going back to the first writings has placed the bow in third place in the importance of equipment. Even ³Ishi² Americas last wild native spent only a moderate amount of time building a bow but intensive care and precision went into the making of an arrow and stone point.

Let's take a moment to explain these three pieces of equipment that an archer must possess. #3.) The purpose of the bow is to propel the arrow, it does so as the archer (using muscle) pulls the string and loads energy into the limbs, release the string and that energy is then transferred to the arrow. The bow does little more than that, it is inherently accurate if shot in the exact same way every time whether or not it is expensive or a budget model.

#2.) The arrow has a simple job, it is a delivery system whose objective is to place the point on the front of the arrow exactly where the archer aimed it over various distances. To accomplish this it must be perfectly straight, well fletched and spined (exact stiffness to react to transfer of limb energy) to match the draw weight of the bow. Time spent making the perfect arrow always rewards the archer with improved performance.

.) The point of the arrow does the real work as it penetrates the intended target. If that point is a broadhead it must be very sharp very straight in manufacture and placed on the arrow shaft in absolute perfect alignment to maintain accuracy, to transfer the most kinetic energy to do its job upon contact with the intended target.

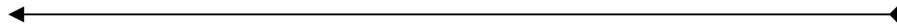
THE MOST AMAZING ARROW EVER MADE!

Many decisions need to be made in order to select the best broadhead for your set up and that is a subject for another day but here is a couple of hints. The faster the bow the lighter the arrow the closer your broadhead must resemble a field point to minimize the effect of the blades on arrow flight. In other words an 80# bow with a 350grain arrow traveling at 300 FPS and fletched with 2² vanes will work best with a mechanical broadhead or small diameter short bladed broadhead. A 50# bow with a 500grain arrow traveling at 190-220 FPS and fletched with 5² feathers will want a leading edge cut on contact head with as close to a 3 to 1 ratio (Length to width) as possible.

If the point is a target point its manufacture need not be quite as precise, nor does it need to be so precisely centered on the shaft to maintain accuracy. Because of the absence of blades the target point does not attempt to control arrow spin (the job of the fletching) as does a broadhead and therefore has less effect on accuracy.

So as you can see from the above the arrow point is the most important piece of equipment as it does the ³real work² when it makes contact with the intended target. It is however simple to manufacture in precise weights and straightness and is of no value without the arrow as a delivery system. The bow is the same, it can be loaded with energy but without a delivery system the energy has nowhere to go and therefore no value. This leaves us with the arrow and for the arrow to do its job it must have many qualities that work together over time and distance to deliver the point to its intended target.

Over the history of archery finding the best or most perfect materials formaking a better arrow has been an ongoing effort. In modern times Port Orford cedar (a straight grained light weight but strong wood found buried



THE MOST AMAZING ARROW EVER MADE!

in the hillsides of the Pacific North West) became the choice of the arrow smith. During World War II, Jas. D. Easton brought us tubular aluminum (now referred to as alloy) that could be easily manufactured in exacting weights, strengths, stiffness (spine) and straightness, setting a new gold standard for arrow material.

Fiberglass shafting was made during this period by wrapping the glassfibers around a steel mandrel and impregnating the exterior with resin for strength and stiffness. Eventually these shafts could not keep up with the standards of straightness, stiffness or exacting weight tolerances of aluminum and left the market. I still own a couple of dozen of these shafts and am very fond of them.

In the 1980's a new material termed in those days as carbon graphite hit the market and it was both lighter and stiffer than the earlier fiberglass shafts, shaft makers took to it right away.

Carbon shafts got off to a rocky start, again they were made by placing the pultruded carbon fiber along the length of the mandrel and impregnating it with a high-tech epoxy resin just as had been done with the fiberglass shafts before them. They were very light weight, very stiff and very small in diameter which required bulky outserts for points and nocks and when they broke they created long slivers of carbon. The first scare came from concern for meat tainted by a broken shaft and carbon slivers, it should have been concern for archers who hurt themselves by shooting shafts where carbon had lifted from the surface.

These new shafts had two strong points in their favor, carbon was 1/3 lighter in weight and 1.4-1.5 times stiffer than aluminum over a given length, also a carbon arrow of similar strength, weight and stiffness (spine) could be made into a smaller diameter, giving the hunting archer a depth of penetration advantage.

THE MOST AMAZING ARROW EVER MADE!

Even more important was the recovery rate during the archer's paradox. Upon release of the bowstring the carbon arrow recovered and straightened out in flight much faster than aluminum. The effect of this was a more forgiving arrow, less loss of kinetic energy during vibration and an improvement in the ease of tuning the arrow to the bow.

Manufacturers worked hard to overcome the deficits of the original carbon shafts and came up with a bi-ply wrapping (multi-layered multi-directional) that eliminated the splintering problem and allowed the shafts to break cleanly, this also made them stronger and more consistent in spine and weight. Today carbon shafts are made on a stainless steel mandrel, wrapped in layers (4-6) both diagonal and linear and coated with stronger epoxies subjected to high pressure to maintain shape before being placed in a curing oven. Spine/deflection and overall mass is controlled by individual carbon thread diameter, how tightly it is wound and the amount of resin forced onto the surface. Once removed from the mandrel they are sanded to remove any imperfections then sorted or culled by straightness. Shafts that have a straightness tolerance over 28 inches of +/- .0015 or +/- .001 will become your upper end or expensive shaft, +/- .002-.004 will become your medium range and .005-.006 will become the shafts you find at Wal-Mart or Big5 stores. Finally any slick finishes, graphics or logos are applied.

Here is a piece of information that can save you dollars, most of the inaccuracies or bends in a carbon shaft are at the ends, if you are willing to spin-test your new shafts by placing a new target point into an insert -place into each end of the shaft (do not glue) you can spin it and decide which end is crooked and trim that end or a little off each end if needed. It is not difficult to trim a +/- .002-.004 shaft into a +/- .001 shaft. Eventually (1990's) most carbon shafts were made in $5/16^2$ diameter (now known as $^3S^2$ series conventional diameter shafts) eliminating the small diameter advantage (a 2020 or 2018 aluminum hunting shaft is also $5/16^2$



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3. The 9/32 or 17/64 diameter of today's X-series of micro diameter shafts puts the center of the arrow dead down the center of a recurve that is cut 1/8" past center, making for easier tuning and a more forgiving shaft. This one is important to me.

4. And finally they are the toughest longest lasting most trouble free arrow material that they have ever come up with, perhaps not perfect yet, but certainly the best I have ever seen in nearly sixty years of archery, they are truly a ³Most Amazing Arrow²!

This last season Easton Arrow Company has come out with the Injexion ³G²Series Ultra Micro Diameter shaft in both A/C (aluminum & carbon) and carbon only. Stainless Steel inserts (65% stronger than aluminum) for Focused Front of Center (FFOC) balance and with 40 threads per inch for keeping points more secure with less rattling and a specialized boattail broadhead for less friction during penetration and better accuracy.

Choosing which carbon arrow is best for your set up is no easy task as the choices are many. Your choice may be limited by what your local pro-shop carries unless you are willing to use mail order/catalog system. Cost is always a factor in any purchase and you must balance that - so I can give some general tips to help you narrow your choices. 1. Straightness: Straight is always better but there is some limitations. If you have one of those very expensive bows we discussed at the beginning of this column, assuming it is tuned perfectly, that you have one of the better scope/pin set ups on the market and a properly tuned upper end release then an arrow straightness of +/- .0015 to +/- .001 is the way to go to maximize your equipment's potential. At this level you will want to explore the choices of smaller diameter A/C/C (Alloy Carbon Composite) macro diameter or other specialized upper end choices. Go for the very best and stay competitive.



THE MOST AMAZING ARROW EVER MADE!

4. The ³S² series of 5/16² diameter shaft with ICS (internal components i.e. Push in nocks and inserts) will compete if not dominate the market for a few more years for the majority of archers due to reasonable price and straightness and dependability, however I do think they lack a little in toughness due to the thinner wall and will slowly give way to the ³X² series of Micro diameter shafts.

5. For the experienced or professional archer/bow hunter the new macro diameter shafts such as the Easton Injexion will become the rule, rather than the exception as they combine championship target archery technology with hunting toughness to make the most perfect arrow to date. I suspect this trend of small micro/macro diameter, thick walled shafts will continue for some time with most arrow manufacturers because of the inherent benefits of accuracy, penetration and wind resistance. The Most Amazing Shaft Ever will continue to improve and serve the archery community well.

I do hope this helps you to understand the carbon arrow better.
Curtis

I've included with this column a picture of Doritina Pentico and her antelope from this years hunting season, her first of a long career going forward for this young huntress. Dortina took the International Bow hunter

Education Program (IBEP) class with me last year and has definitely put what she learned into practice. Congratulations Doritina, I'm very proud of you! Her father Clark is also pictured with his antelope and as Doritina's master mentor you can see what a good team they make. Good hunters both!





TECH TALK WITH JBD – FUN IN THE SUN



Some of you are no doubt aware that this weekend's **Fun in the Sun Tournament** has a Zombie Theme for the first time. This tournament is just one of the five we put on every year. I thought I would explain just what goes into putting on one of these tournaments. The explanation is due in part to a question we often get; specifically "Why don't we put on more tournaments than we do". We currently put on the **Pacific Coast 3D Adventure** in January, the **Pac Coast Traditional Challenge** in May, the **Dry and Dusty** in June, my **Fun in the Sun** in October, and the **Toys for Tots Tournament** in December.

I won't speak for the other Tournament Chairpersons (Bob, Keith, Richard, and Rose & Laura), but I will say that putting on one of these tournaments is a lot of work. I'm amazed that we are able to even put on five, let alone more.

This year, I had the brilliant notion to give the **Fun in the Sun Tournament** a Zombie theme. Afterwards, it occurred to me that we really needed to do something special for awards, in addition to needing some novelty Zombie targets. After all, if Bob Bombardier can give out custom hand knapped and assembled wooden arrows for his Traditional Tournament, I should be able to come up with something special for mine, right? The fact that Bob can do this year after year and still has all his fingers is a testament to man.

Proving that there is no end to my brilliance, I decided that we needed to give award medals that had a little extra zombie touch ... all that would be required to do this was white ribbon, metal rings, and some green and red paint. I suppose I should add that I also needed to convince my wife, the "archery widow", to sew the white ribbon ends together for me. Now this was no little task in itself as there is nothing my wife dislikes more than sewing.



TECH TALK WITH JBD – FUN IN THE SUN

(It may have something to do with her experience in high school tearing out and redoing the seams in a gym blouse that the girls were required to make for Home-Ed. I'm told that her record of twelve seam tear-outs still stands.)

So all that was required was a quick run to Joanne's to pick up red, and green latex paint, and 16 spools of white and off-white ribbon (naturally, there wasn't enough of any one color – I should have been able to predict this one) and metal rings. I might add that I also needed to hear my wife tell me what she thought of this “hair-brained idea” all the way to Joanne's ... but I digress.

NOTE: The ribbons needed to be precisely 34 inches long (according to my wife the ribbon design consultant) and sewn together at precisely 60 degrees so they will lay flat. The end of each of the ribbon lanyards will have a metal ring sewn into the end that matches up to the ring that each medal already has.

In true family togetherness, as she sewed them together, I ironed the seams flat so they could be trimmed prior to putting in the metal ring. (I was fortunate that the noise of the sewing machine running mostly covering up her running commentary on the sanity of this project.) After the award ribbons are completely sewn they will each have Iridescent Green (Zombie Goo) and Red (Blood) Latex Paint splattered and dripped over them to complete the Zombie Theme. You would think that someone sells a fragging Zombie Theme Ribbon that would have saved me this effort, BUT NO!

Oh ... I suppose I should apologize for my typing because the band-aids on my fingers (from cutting the ribbons) are making it difficult to type. On a positive note though, my blood on the ribbons won't be noticed after they are splattered with red & green paint.

TECH TALK WITH JBD – FUN IN THE SUN

A Zombie Theme – what was I thinking? Suitable Zombie targets are a requirement for a tournament of this type, and you can't just run down to your local store of choice and buy Zombie theme targets. These needed to be ordered through the Internet ... Gotta love Amazon.com. Now all I need to do is paste up a bunch of zombie targets on cardboard, and decide where to put them on the range. I will also need to mark up the targets with 10-8-5 scoring rings. Hmmm ... do you kill Zombies in the heart or head or both?

So what else still needs to be done for this tournament (similar decisions need to be made for all our tournaments)?

- We still need to decide on which of the 28 Target Lanes will receive one of the Novelty Zombie Targets.
- After a decision is made of which 3D Animals to use based on size and lane placement (you wouldn't want to put a tiny squirrel target at 80 yards) the 3D Critters need to be hauled out and positioned at the various targets (on Saturday). The 3D Targets are held in place by metal bars that are sledge hammered into the ground.
- While we don't do this at every tournament, this year we will be putting up Traditional Stake Markers for any of the shots that are over 50 yards.
- Many of the targets also have a special location (closer) for the kids to shoot from.
- I still need to make up general "Tournament Instruction Sheets" (because some genius decided to go with a Zombie Theme this year)
- I will also need to modify the existing score card template and print up new Score Cards (ditto).



TECH TALK WITH JBD – FUN IN THE SUN

- Also, a few of the Target Lanes will need new Lane Instruction Sheets (ditto).
- **A reminder call will need to go out to all my friends about the work that they promised to do in the tournament. This usually includes Registration (usually three individuals), kitchen chores (two more), and back canyon snack shop when we run one.**
- We also frequently run special clout events (such as our running pig or flying ring), which requires additional help.
- The Stage Overhead Shade cloth will need to be put up as well as the audio PA system.
- The Parking Lot will need to be prepared with stripped parking lines.
- While we won't do it for this tournament we frequently have a "Taxi-Shuttle Service" (truck with trailer and straw bales) to take folks out to various parts of the range.
- Finally we will put up E-Z Ups Shade Awnings as needed around the range.

All of this is just to prepare for the tournament. After the tournament everything needs to be put back, and the kitchen cleaned up from all the hot dogs and other tasty food items sold during the tournament. As you can see, there is a lot of work that goes into putting on one of these tournaments.

Please come by on Sunday to shoot the tournament and by all means feel free to lend a hand. I'm sure we can use the help.

CONEJO VALLEY ARCHERS ANNUAL FUN IN THE SUN SHOOT

ZOMBIE ALIEN NOVELTY & 3-D SHOOT

SUNDAY OCTOBER 21, 2012 @ 8:30 AM

30 TARGET MARKED YARDAGE 3-D

(Traditional Stakes – None over 50 yards)

SHOOTING STYLES

Senior, Adult, Young Adult,
Youth, Cub

FS, FSL, BHFS, BHFSL, BH, BB

FITA Recurve - LB (Longbow)

RB (Recurve) – SB (Selfbow)

**Class 1-A Zombie License
Required – Issued at range**

2 ARROWS

Marked Yardage

10 – 8 – 5 SCORING

Mulligans, 2 available \$1 each



REGISTRATION

7:45 AM TO 8:45 AM

SHOOT STARTS AT 9:00 AM

Adults \$20

Family* \$30

Couples \$25

Seniors (60+) \$15

Young Adults (15 - \$15

Youths (12 – 14) \$10

Cubs (under 12) \$ 5

(*Includes Husband, Wife, and
Dependent children under 18)

Limited RV Camping Available - (805) 654-3951 or e-mail: County.Parks@ventura.org

No Dogs allowed on Range or in County Park. Limited Full RV Hook-ups & Tent Camping in adjacent county park. If you park inside the "county park" at any time you must pay a daily parking fee of \$4.00. Free day parking inside our fenced range.

DIRECTIONS: TAKE THE 118 FREEWAY INTO SIMI VALLEY. EXIT AT TAPO CANYON. NORTH ON TAPO CANYON ROAD 3 MILES TO TAPO CANYON PARK, TURN LEFT INTO THE PARK. THE RANGE IS INSIDE THE PARK TO THE LEFT AS YOU ENTER. FOR INFORMATION CALL 213-922-3899



Calendar of Events

Oct 21st CVA Zombie Alien Novelty & 3d shoot nothing over 50 yards 2 arrows

Oct 21st Pasadena Roving Archers 5th annual Traditional Tournament 28 targets

Oct 21st Riverside Archers Muley Crazy 3D unmarked 42 targets

Oct 28th Cherry Valley Bowhunter's Fall Turkey Shoot-42 3D targets 1 arrow unmarked

Oct 28th CVA Club Shoot

Oct 28th San Diego Archers Iron Man Competition unmarked 3D/AnMI/Hntr/Fld

Nov 4th Verdugo Hills Archers "New Daze of Verdugo" shoot marked yardage.

Nov 11th Riverside Archers William Tell 3D Marked 25 Targets 2 arrows

Nov 18th Mojave Archers Fall Back 3D unmarked 3D 42 targets

Nov 25th CVA Club Shoot

FITA/JOAD Calendar of Events

Oct 6-7 Duel in the Desert Trails & Desert Open California Long Beach

Oct 15—12/31/2012 J.O.A.D Mail in Tournament Series— See Mike Broder during JOAD session for details

Classifieds



805.581.1671

2150 Agate Court • Simi Valley, CA 93065

FYI

3D Range Rules

1. NO Broad Heads are to be shot at 3D range targets.
2. ONE ARROW ONLY to be shot PER TARGET.
3. DO NOT take cross canyon shots. Safety first!!
4. If you don't have a clear shooting lane, clear the lane before shooting.

Range Beatification days

Are the first Saturday of even months. Dec 1st is the next day. Please come out and help keep the range beautiful. Mark your calendars

Conejo Valley Archers
P.O. Box 3982
Thousand Oaks, CA 91359

*Remember with the
time change next club
meeting will start at
11:00 AM*

Reminder: Range Beautification Days
are the 1st Saturday of even months

