



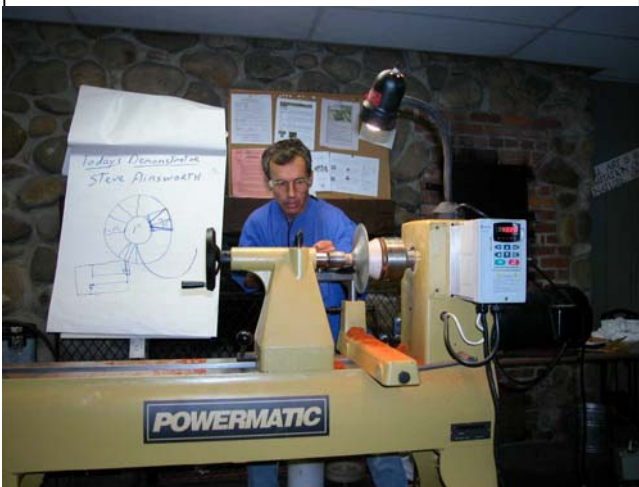
Contains September 2006 Minutes

October 2006

**Pres. Larry McCardel introduced Steve Ainsworth as the nationally known demonstrator and teacher of woodturning.**

***Steve is from North Carolina and has done considerable teaching at the Campbell School for woodturning as well as at Arrowmont. He produces gallery quality woodturnings.***

***By Jerry Schaible***



***Steve Ainsworth demonstrated metal spinning and much more.***

Steve gave the club a demonstration on the turning of goblet stems and holders for his pewter turned goblet vessels. He turned the wooden stems from padauk and fitted them to the turned pewter goblets for a marriage of wood and metal. He also turned a crotch from a tree into a beautiful bowl, taking advantage of the beautiful

grain that is in that part of the tree. This bowl ended up with a natural edge on the top and the feather of joined limbs in the open bottom. Steve then showed us the how to turn a tool handle using a scroll chuck and tapered cone center in the tailstock. He drilled the hole for the tool steel by using a drill chuck in the tailstock and turning the handle with the scroll chuck. Then when he finished he took the tool blank to the grinder and ground a three point tool that was described in the AAW Woodturner magazine. This was an extremely valuable lesson in turning and the members would like to thank Steve for his excellent demonstration.

### ***Steve Ainsworth -- Tool Handles***

Steve started making a tool handle with a blank of 1 1/2 inches square and approximately 12 inches long. He mounted this tool handle in a scroll chuck in order to drill a hole in the end for the metal tool to be inserted. He used a drill chuck with the appropriate sized drill to match the tool steel. He drilled to a depth that was about 1/3 of the length of the tool steel. After the hole was drilled, he used a cone center in his tailstock to hold the blank in position. Now he cut a tenon for the ferrule to fit over. He continually checked the fit to make sure that the ferrule would fit tightly. He tapered the tenon slightly, until he got a good fit and then removed the excess wood. He also measured the side of the

ferrule to make sure that he had enough room to tap the ferrule in place. He then tapped the ferrule into position with the side of his hammer. He emphasized that he needed a tight fit to hold the ferrule in position. If it is loose, then one could correct the problem by using CA glue. When the ferrule was in position, he used a small spindle gouge to round over the end to put a finished rolled edge in place. He usually decorates the end of the handle with some fine grooves and then uses a wire to burn into each groove to get a black contrasting color. He then used some drill rod to make a three pointed tool that was described in the 2006 Fall Issue of AAW. He placed the tool steel on the grinder so that he could get a nice three faceted tool for turning beads on spindles. He placed a dot in the center of the tool end so that he could grind to the center of the tool with some degree of accuracy.

### ***Steve Ainsworth -- Wine Goblet***

One of the signature pieces that Steve turns is the wine goblet with the stem made from wood of various species and the open globe made from pewter. To begin, he takes a piece of wood that is about 3x3 inches and turns the stem blank round using the scroll chuck to hold the wood. Then he turns a gentle curve in the center section to replicate the thin stem. He uses a jig to match the gentle curve in order to provide some consistency of shape and design, since many of his orders are purchased in sets. After the gentle curve has been turned to his satisfaction, he will take a spade bit and drill out the center of the upper portion of the stem to house the goblet globe. Steve will then turn an cove on the inside of the upper portion of the stem. With the use of a jig, he is able to have a fitted portion to the bottom of the globe. When the piece is finished, he will sand to perfection and then remove the piece from the lathe. He will then sand the

top portion of the stem on end grain with a belt sander. This is to provide an offset slope to the top of the stem which yields a beautiful shape next to the globe bottom.

The next step will be to take a flat disc of pewter and turn it over a mold or predetermined shape. This mold is of the characteristic of a split wooden mold that has been turned out of maple and then cut into segments lengthwise. These segments are to be no wider than 1 inch and cut with an angle based on the segments needed and divided into 360 degrees. There will be one piece that will be used as the "keystone" to hold all the other pieces in place. A one inch hole is drilled into the center of this mold prior to cutting it into segments. Then a 1 inch dowel is inserted turned to fit into this one inch hole in the mold. This is to hold the segments in place while the spinning of metal continues. A disc of pewter is placed between the mold bottom and a small turned cap that fits on the tailstock center. This disc is centered up so that it turns round and has an even radius. Then the tailstock is locked down in a tight position. A tool rest holder consists of two locator pins across the top. This is used so that the spinning tool can rest along those pins and get leverage for spinning the metal. Some metal spinning craftsman will use a wooden tool on this....while others use a metal rod that has been hammered and then flattened to fit the desired shape. This tool is used to start bending the metal to fit over the form. The metal spinner will then move the tool up along the sides of the mold and back down again. This is so that metal is not pushed to the other end of the piece and therefore keeps some consistency to the thickness desired. Once the piece is finished, then a gouge is used to trim off the excess, unneeded material and finish turn the piece. He will use 3M woven pads to polish the metal. The upper metal globe will then be

fitted into the wooden stem for final adjustments. When a perfect fit has occurred, he will use silicone glue or caulk to hold it in position.

### **Steve Ainsworth -- Natural Edged Bowl**

Steve will use a half log segment to turn a natural edged bowl. He will prepare the half log to size with a chain saw or band-saw. He will then turn a bowl blank that is rounded on the bandsaw. He will use a spade bit to drill a hole or depression in the bark side of the piece. This diameter of the spade bit is the same size as the 4 pronged drive center.

This 1 inch hole will be used as a safety device to keep the piece of wood on the lathe. The bowl blank is mounted so that the bark side is on the headstock side of the lathe.

The tailstock is brought up into position to match the bottom of the bowl where it allows the bowl blank to run in a true rotation. This is checked by using the thumb and hand rotating the piece to see if there is even pressure. Adjustments are to be made accordingly. Do not turn bowl blanks that have bark inclusions in it, due to the fact that they will not hold up and possibly fly apart under the stress of turning. Turn the bowl blank at a very slow speed to make sure that things will hold together. The first turning effort would be to round over the piece so that it runs smoothly.

Then you would start shaping the bottom by turning off some of the excess wood. Use small cuts to square up the blank. Do not become aggressive at this stage because there is the danger of blank coming loose. Once the rotating blank is smooth, you can turn up the speed to get a better cut. Steve always emphasized that you should cut downhill on the grain patterns to get the best cuts and not have grain chip out of the bowl surface. He used these ideas to provide correct tool usage. Point the tool in the direction that you want to go. Roll the tool in the direction that you want to go and this

would be at a 45 deg. angle. Follow the bevel. He recommends that you turn the bottom from the center out to about 1/2 the distance to the bark. Then turn the piece from the bark edge back to where it will meet the finished cut from the bottom. This is done so that you will not lose any of the bark or grain material at the edge. Again, take small cuts during this phase of turning. Steve indicated that the only important cut with a tool is the last cut. All other cuts are practice cuts. He requested that you make the last cut with a very sharp tool.

Steve indicated that one should not use CA glue by itself as it will run all over the piece and then you will have some uneven color on the blank. He recommends that you use a sanding sealer and let it dry thoroughly and then add CA glue to any cracks or uneven pieces. It will stay in the crack and not stain the wood. When the outside and bottom has been turned to satisfaction, then turn the piece 180 deg. and re-chuck the bowl so that the tenon that was turned on the bottom of the bowl is now gripped by the scroll chuck. At this point, one should begin to turn the inside of the bowl. Start the bowl gouge with the bevel parallel to the outside of the bowl. Move the handle around to keep the bevel in parallel position to the outside throughout the cut all the way to the bottom. Slow down the cut when approaching the center or bottom of the bowl. The center turns at a much slower rate of speed when considering feet per revolution. Steve suggests that one should enjoy the time that you are at the lathe. Don't hurry the turning. Take a few minutes longer to work the piece.

His final stage was to mount the piece in a vacuum chuck and turn a delicate bottom where the piece was held in the scroll chuck. He uses various finishes, depending on what characteristics that he wishes to accomplish on the finish.

## Calendar of Events

### October meeting at Y-Noah Saturday Oct. 21st

The Project Of The Month for October will be lidded boxes of any kind. Domestic woods only please. Examples may be turned, band sawn, bent wood, or any thing else you can come up with.

#### **Bob Rosand**

November Meeting - Will feature Bob Rosand for an all day demonstration

You'll be sorry if you miss this one. Bob has published many articles in the AAW Woodturners American Woodturner and has demonstrated at many symposiums and was one of the featured demonstrators at the National Symposium in Louisville this past summer. He is recognized for his Victorian hollow finial Christmas Ornaments and turns many delightful items that make great gifts and craft show pieces that you can turn in a minimum amount of time. He will provide you with great advice and lots of tips and tricks that you can take back to your shop and put to use. Again, don't miss the November meeting. Lunch is being planned.

#### Raffle Table:

Look around the shop and house and bring your donation to the Raffle Table. We did not have one last month due to the demonstration, so lets make this months raffle a great success. It helps the treasury.

Please see Tools For Sale at the end of page 7.

## B.W.W.T. Officers For 2006

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## BUCKEYE WOODWORKERS AND TURNERS

Sept. 16, 2006

The BWWT meeting was called to order by Pres. Larry McCardel. He asked any new members or guest to stand and be recognized. He reminded the membership that it was not too early to renew their membership for the 2007 calendar year. He also reminded the members that the AAW membership renewal is currently taking place. Members may renew their membership online. There is a Powermatic 3520 B lathe that will be awarded to some lucky member who uses this method of renewal.

The Hartville Craft Fair is scheduled for Sat. Oct. 7, 2006. We have been informed that our table location has been changed so that we will have electricity for running our lathes.

We will also be under the cover of a shelter so that our equipment will be protected. Two spaces will be available, one for the demonstrations and one for the sale of any of our turned pieces. We need volunteers to help demo this public sale.

The BWWT Annual Picnic was held last Sat. at the Goodyear Metro park location. It was well attended and everyone had a good time.

Bob Rosand, a nationally known Woodturner, is scheduled for our November meeting. He will be demonstrating small wood turned items. This will be an all day demo for club members. Bob has written numerous articles for the AAW Journal on Woodturning.

Everyone had a great time at the Ice Cream Social held at George and Pat Raeders' house in Bath. This social was sponsored by the North Coast Woodturn-

ers and our members were invited. The highlight of the visit was a journey through George's shop.

On a sad note, Ted Zieja passed away on Sept 7 from heart failure. Ted was from Medina and enjoyed woodturning. He belonged to our club as well as the North-coast Woodturners.

The club would like to thank Hoby Horn for the construction of the mobile base for the new Delta bandsaw that the club purchased at the beginning of the year. We would also like to thank Ben Fix for the excellent job that he did in coordinating the picnic and the Steve Ainsworth demonstration that was held following the meeting.

Rick Maier mentioned that the Cider Fest will be held in Norton and that we can set up a woodturning display for public display. Contact him for further information.

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Respectfully submitted....  
Jerry Schaible, Sec.

### ***Presidents Soap Box***

With the cooler weather and another summer gone, I hope everyone is back in the shop making lots of sawdust and turning chips. Hope to see the results on the Show and Tell table. We want to see what everyone is up to, so bring in your work.

I think everyone enjoyed Steve Ainsworths demonstration last month and the hands on session on Friday and Sunday went very well. The attendees got some great instruction from Steve.

The Norton Cider Fest demo got rained out on Saturday, but Sunday proved to be bright and sunny. We had the lathes humming and a display table of turnings. The large crowd on Sunday enjoyed seeing the chips fly and were impressed by the display table of turnings. One young lad was overheard to say "Wow, look at that, he put a hunk of wood on and out came a Christmas tree ornament."

The first annual craft show at Hartville Market Place was also a successful endeavor. It was a little chilly early in the morning until the sun came out and then proved to be a great day with a large crowd all day. Two lathes from the club were set up and the demos attracted a lot of interest as well as the display of turnings. We had some great comments and also a good possibility of four or five new members. I

asked that our club be saved a spot for the second annual craft fair for next year.

### **Check your Homeowners Policy:**

Most professional turners know that their homeowners policy will not cover their business of woodturning, equipment, stock, building, teaching pursuits etc. Homeowners policies are designed to cover a persons home, contents usual to your home (clothing furniture appliances) and personal liability. In some cases the homeowners policy extended to incidental business activities, however, some companies have excluded (any business activities). In other words if someone came to your home to buy a piece and was injured, or if you occasionally sell a piece, teach a class your homeowners policy would not cover the injury or a loss to your shop, contents and inventory. So, if you do incidental business activity, I would urge you to check with your agent/company to make sure you are covered. If not the AAW has sought out group policies that members can buy at reasonable rates to cover their commercial woodturning activities.

To apply and receive a premium quote down load an application at:  
<http://www.woodturner.org/community/pop/insurance-info.html>, print it, fill it out and mail or fax it to the address on the application. You must be a member of AAW to apply.

### **Hats off to:**

Jim Brown donated a DVD player to the club

Hoby Horn made a mobile base for the band saw and a dolly to lift and move the large Powermatic lathe (hope it works) If anyone else needs to be recognized call it to the attention of one of the officers.

Continued on next page.



### Dues:

Our treasurer, Lou Mineweaser, will be accepting dues for the coming year. The dues will remain at \$20. which is a real bargain. Lets everyone get your dues paid this month at the meeting or send Lou a check made out to Buckeye Woodworkers & Turners at 5378 Duffield Drive, Hudson, Ohio 44236. Thanks.

Sincerely,

Larry McCardel



**Fellow BWWT member Robert (Bob) Miskimins** is currently undergoing physical therapy at Altercare in Alliance. Bob's right leg had to be amputated below the knee due to complications from diabetes. Bob is in very good spirits and is working hard to get back to his lathe. If you look closely at the top of the dresser in the photo, you will see two examples of segmented vases that Bob turned recently. He told me he has several more promised to family for Christmas. If you want to send a card, Bob's mailing address is 51 Knox School Rd., Alliance, Oh 44601

### Photos of the Show and tell table



More photos are on the next page.

## Tools For Sale

Hoby Horn has the Table saw pictured below for sale asking \$350.00 for the **Yates American saw**. Contact Hoby at 330-947-3115, or email [hobehobby@aol.com](mailto:hobehobby@aol.com)



**Mortising Attachment for Drill Press** (Never Used) Fits drill press with collar size, 2.60", 2.10", 1.96", 1.69" (All collars included). Can be installed on collar or quill, so measure both to determine if it will fit your press. 4 pc. Mortise Chisel/Bit Set included. w/instructions John R. Green 330-296-5283 >[whistlestop460@yahoo.com](mailto:whistlestop460@yahoo.com)



**Jet mini lathe never used**, reduced to \$175  
Contact Adrian Cook, 330-697-8284

## Wanted To Buy

**John Sabo is looking for a lathe chuck for a 3/4 X 16 threaded spindle. Call John at 330-297-6303**

