



Contains March 2015 Minutes

April, 2015

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**BUCKEYE WOODWORKERS  
AND WOODTURNERS  
March 14, 2015**

**Anyone wishing to submit pictures for the newsletter please send them to the editor within two days of the meeting**

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**Respectfully submitted  
Jerry Schaible, Sec.**

The meeting was called to order by Pres. Bill Stone. He welcomed all the members and hoped that they would have a good learning session today. The first order of business was to recognize the service and contributions that former President Bill Seabolt has made to the club. He has served as a Vice President in 2013, President in 2014, and Program Chairperson for 2015. It is known that some years ago, he also



served in these same capacities. Bill has contributed his leadership skills in order to satisfy our needs for a long time and he was given a large thank you card, to recognize his service.

President Stone recognized the visitors to our meeting. Some were from Atwater, Akron, and Stow, Ohio.

Pres. Stone stated that Bill Blasic, coordinator for the Erie Pa. woodturners, will be having two programs where they will bring in outside turners to demonstrate their skills to the club. One of the turners will be John Beaver who is known for his wave bowls. The other demonstrator will be Molly Winton from Pittsburgh. There will be two or three days of demonstrations and lunch will be provided. If anyone is interested in attending they should contact Bill Stone for further information.

David Dudney has contacted Pres. Stone to determine the amount of interest and support that our members would have in helping as assistants to the AAW Symposium in Pittsburgh. They will be looking for bowls and pens made by our club members to be given to the AAW with the idea that the items would be sold and the money donated to some local children's program or cause. If you intend to make any of these turned items then you should notify Bill Stone as to your interest. The pens will be selling for around \$15 and the bowls would sell for around \$25.

The June meeting will be held at Doll Lumber Co. in Southington Ohio on the second Sat. of the month. BWWT will be the host club and North Coast Woodturners will be invited as our guests. Members can purchase wood or visit the sawmill in one of the out buildings. There will be a discussion demo on "How Did You Come Up With That Idea?". Other questions to be answered would be, How did you come up with that shape? Another idea would be, how do you cut a piece of wood into a bowl blank? Do you watch for grain patterns in the wood? Members could also

bring any wood to the meeting and have it analyzed to figure out the best way to cut that log for bowl blanks.

Bill Stone was interested in knowing if any members would be willing to participate in the turning of a Collaborative Project for the AAW Symposium in Pittsburgh. There would need to be a minimum of 6 members in order to participate. Each member who participates would have to turn part of the project and then submit it with other members turnings to complete the project. Dave Wells has been willing to coordinate the Collaborative Project. Please contact Bill Stone or Dave Wells, if you are willing to participate.

Bill Stone has announced that we will have an outside demonstrator visiting our club on August 8 and 9. The outside turner is John Lucas. These will be all day sessions for the club members. August 8 will be a session where John discusses the construction of his wood turned items. There will be no charge for this session and it is open to all our members of BWWT. The August 9 session will be a hands on activity with only about 10 members. This will cost to the members will be between \$35 to \$40, for the session. The ranking for the session will be novice or intermediate turner. There were 8 or 9 people that were interested in taking this session. Please sign up with Mark Stransky if you are interested.

The Cincinnati Symposium will be held on the second Sat. of October. This does provide a conflict with our members due to the fact that our regular meeting is to be held at the same time. So it was decided that since we have so many members who will be attending this symposium, we will need to change our regular meeting date of BWWT to the 3<sup>rd</sup> Sat. of the month. The Ohio Valley Wood Turners Guild will be sponsoring this symposium. It will be open to the first 350 people who register.

The April demonstration will be featuring Hoby Horn. He will turn a bowl and then show how he wood burns or electrifies the wood to create many neat patterns to embellish the project.

Bill Stone announced that one of the members purchased a wood turning smock and it is too small for him. Contact Bill if you are interested. The Annual BWWT Tool Auction will be held on the 2<sup>nd</sup> Sat of July. It will be held across Lake Y Noah and you will enter from Cristman Road.

The Wayne County School for the Arts has a wood turning show where our members as well as North

Coast wood turners enter our turned pieces in the show. We received a letter and it stated that the School for the Arts will now be under new management. They also informed us that we would have to pay a large sum of money to participate in this years show. In the most recent discussions with management, it was decided that we will no longer be charged a huge entry fee. We now will be able to participate as in the past, with no participation fees charged to our members or the club. Therefore we have agreed to participate in this years show. The dates of the wood turning show will be Sept. 10 to Oct. 19.

Bill Seabolt made a request that we need new people for the club demonstrators. Please see him if you are interested.

A bowl from the Show and Tell table was selected and it belonged to Ben Darrah.

He described the bowl as a piece made from Ambrosia Maple that was acquired from a golf course in a tree that was cut down.

There were some voids in the blank and Ben stated that he filled them with a casting resin that he purchased from Michaels in Cuyahoga Falls. He said that it was a two part mix process to make up the resin. He finished the piece with Danish oil and then a Beall Buff process to put a nice finish on the piece.



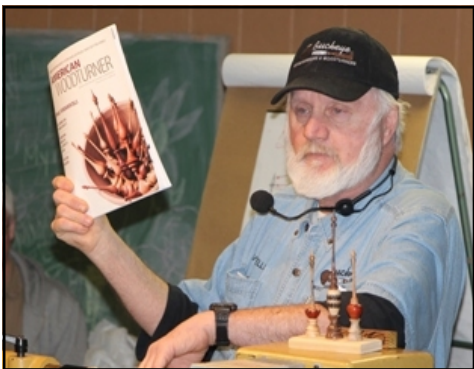
The treasurer gave his report and stated that he also had some tool steel available for those who wished to make some of their tools. He also had name badges for the new members to the club.

To conclude the meeting, we had a tool drawing in the Give Back Program. The items that were available for choosing were a spindle gouge with a Continental grind, carving knife set, micro hollowing tool kit, 1 1/2 inch square and 6 inches long ebony blanks, and two square 6 inch blanks of zebra wood and purpleheart. The items were won by Ray Marr, Harvey Stepheson, John Drews, Dave Wells, Wayne Naegel, Norm Armentrout, and Walt Eversol.

## David Wells...Finials March 14, 2015

Respectfully submitted,  
Jerry Schaible, Sec.

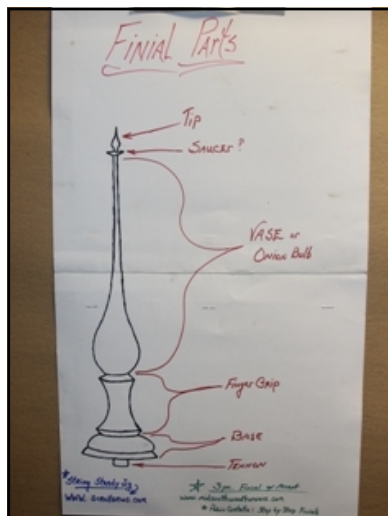
David Wells began his demonstration on finials by saying that there have been several demonstrations and articles in the past that have dealt with the finial turning issue. He said that Bill Seabolt gave a demo at Doll Lumber Co. one year, Hoby Horn gave a demo about six years ago on finials, as well as Cindy Drozda in Sept. 2009.



He also stated that an article was written in the AAW magazine American Woodturner, Feb. 2014, entitled Finial Fundamentals on page 36. He said that he began to turn knobs for box lids and then while looking at some of the other turners nationwide, he saw that they were making finials on the top of their box lids. So while looking at pictures and other drawings he began to duplicate those shapes for his work.

Dave stated that when one turns a finial, he must break down the shape or diagram into various parts. He said that he has turned complete finials from a single wood blank, but that it was easier to turn the individual parts and then glue the pieces together. He also mentioned that you will get less wobble or vibration if you turn each of the parts separately. The parts of the finial are broken down to the following sections...

1. Tip or Flame,
2. Saucer,
3. Onion bulb or vase shape,
4. Finger grip,
5. Base, and
6. Tenon.

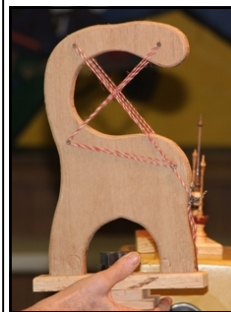


He said that once you break down the finial to the parts and understand what they are, then it is easy to turn and not as complicated as a full length finial out of one piece. He suggested that you use straight lumber for the blanks.

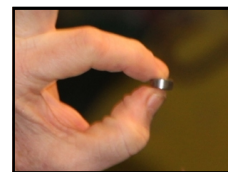


Dave said that it is much easier to turn the thin finials if you have some kind of tailstock support to hold the flame or tip end while trying to turn the rest of the piece. He said that way one can turn the finial without using their fingers on the back side of the finial for support so that wobbling and vibration will not occur.

There are steady rests that one can make to hold the thin finial stable and keep it from wobbling. One of those steady rests bolted to the bed of the lathe and had string crisscrossed between supports to hold the finial in one place and eliminate wobble. Another technique is to use a ball bearing center in the tailstock.



Dave then placed an osage orange blank that was  $\frac{3}{4}$ " x  $\frac{3}{4}$ " x 6" long, in the lathe and turned a very neat holder for the bearing to be placed in the tailstock. It consisted of a Morse taper #2 on one end and then a larger diameter at the other end to house the bearing. He used a router bearing that he purchased at Hartville Hardware. It measured  $\frac{1}{2}$ " OD and  $\frac{3}{16}$ " ID. He rounded over the corners to make the Morse taper end. The measurements of the Morse taper are A. Large end = .70 inches, B. Small end = .572 inches, and the length of the taper is 2.56 inches. He also turned a small  $\frac{3}{8}$  inch tenon on the small end so that he could eject it easier from his tailstock. He turned the piece at around 2000 rpm while Cindy Drozda would turn at much higher speed. He used a parting tool at each end of the blank to set the limits of his turning. He used a set of calipers to measure the small end as well as the large end of the taper, so it would match the tailstock section. Dave used the spindle gouge to start the taper and then used the skew to finish





the delicate work. He turned the larger end or head of the piece at approximately  $\frac{3}{4}$ " in diameter. Then with the Morse taper #2 complete, he removed it from the lathe and placed it in the headstock.



He then drilled into the larger  $\frac{3}{4}$ " diameter with a  $\frac{3}{16}$ " Forstner bit, approximately  $\frac{1}{4}$ " deep. This is to provide a housing for the bearing that he purchased at Hartville Hardware. He also took a  $\frac{1}{4}$ " drill bit and drilled a hole a little deeper to

provide room for the tip of the flame on the finial. One can also cut the tip off the end of an old bottle of CA glue and insert that into the  $\frac{1}{4}$ " hole in the center of the bearing. This will protect the small wooden flame that has been turned. Another method is



to wrap a small piece of masking tape around the flame with the sticky side out. Then take another piece of tape and place the two pieces of tape together. In other words, one wrap of sticky tape out and one wrap of sticky tape in. This will provide enough hardened protection for the flame tip.



The key to accurate turning of a finial is to keep the bulk of unturned blank next to the headstock. Do most of your turning at the tailstock end. This extra bulk of wood near the headstock end will provide good support so that the finial does not wobble or vibrate. Make small tenons on each of the sections and then drill a hole on the mating section so that tenon can fit into it. This tenon and drilled hole system will provide an accurate mating between the two pieces. Put glue on the mating tenon and then insert the drilled portion over it. One can use the tailstock and press fit the pieces together, also.

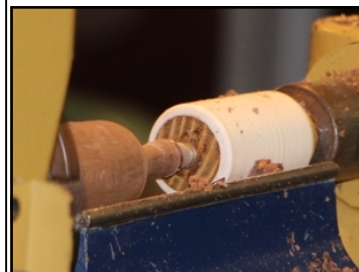


When making the finger grip portion of the finial, it should be noted that one end is smaller than the other end. Make a long cove cut between the two



different diameters for the fingers to grab when removing the lid from the box bottom. Other areas of the finial are too thin and one might break the thin turnings if they tried to remove the lid. The finger grip is a little thicker and will provide much better support. Dave also pro-

vides an undercut section on each end of the finger grip to provide a nice mating surface. As Dave was turning each of the sections of the finial, he would sand the parts completely

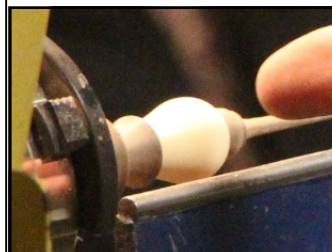


before taking it off the lathe. He said that the sanding is much more effective if you do it right away, than wait until the finial is completely glued together. Again Dave stressed

that the best turning when you turn the pieces near the tailstock and leave the unturned bulk of the blank near the headstock. He said that it will provide less wobble and vibration.



is



Dave used a skew to cut the tip of the flame and secure a nice surface. He cut a top saucer right under the flame with a skew to provide a very nice break between the flame and the onion top

section. He will sand the smaller diameters of the finial with 400 grit to 800 grit. He will sand with the grain to provide a nice smooth surface on the thin finial diameter.

Dave gave the following web sites and articles where one can do some research to learn more about turning



finials.....

1. String Steady Jig..... [www.scrollsaws.com](http://www.scrollsaws.com)

2. Three piece finial with accent piece....  
[www.midsouthwoodturners.com](http://www.midsouthwoodturners.com)

Robin Costelle: Step by

Step Finials

3. American Woodturner Feb. 2014 issue Finial  
Fundamentals, page 36.

FOR SALE-

BWWT Member Dennis Taylor has a Delta lathe and  
tool set for sale. He is asking \$200. If interested his  
email address is, [dtaylor15583@gmail.com](mailto:dtaylor15583@gmail.com)



Dave Wells Finials-





## Calendar of Events

### PLEASE NOTE

**BWWT MEETINGS ARE HELD ON THE SECOND SATURDAY OF EACH MONTH BEGINNING AT 9:00AM**

**May 9, 2015.....Howard Lorson, Demo**

**June 13, 2015....Annual Club Outing at Doll Lumber Co.**

**July 11, 2015....Annual Club Auction of Donated Equipment and Wood**

**August 8, 2015.....John Lucas All Day Meeting and Hands on session on Sunday.**

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## BWWT OFFICERS FOR 2015



### **President**

Bill Stone  
330-896-3687  
wilsto@neo.rr.com



### **Vice President**

Richard Rohr  
330-484-2830  
ritchard.rohr@powellind.com



### **Secretary**

Gerald Schaible  
330-673-6512  
gschaible001@neo.rr.com



### **Treasurer**

Mark Stransky  
330-688-1690  
mastran@neo.rr.com



### **Librarian**

Dirk Falther  
330-310-4570  
dfalther3@att.net



### **Librarian**

Bob Hasenyager  
330-334-8314  
bobhasenyager@gmail.com



### **Newsletter Editor**

Bob Stone  
330-928-3221  
bstone@neo.rr.com



### **Web Master**

John Adams  
440-838-1122  
JADAMS@NACS.NET



### **Membership Admin.**

Phil Brower  
330-688-7244  
fbtoad@aol.com