



Contains September 2017 Minutes

October, 2017

**NO MEMBERS OR VISITORS SHALL ENTER OR EXIT THE CAMP VIA THE CHRISTMAN ROAD ENTRANCE. MEMBERS MUST ENTER AND EXIT FROM MT.PLEASANT ROAD.**

**BUCKEYE WOODWORKERS  
AND WOODTURNERS  
December 10, 2016**

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

### \*\*\*\*\*Note\*\*\*\*\*

**October BWWT Meeting date MOVED to 10/21/2017 due to Cincinnati Woodturning symposium.**

BWWT Meeting  
Sept.9, 2017  
Camp Y Noah

*Respectfully submitted  
Jerry Schaible, Sec.*

The regular meeting of BWWT was called to order by Pres. Bob Stone at 9 AM on Sept. 9, 2017. The following items were discussed.....

1. Les Morgan stated that the Pens for Troops program was moving forward. He said that all pens should be turned in by the October meeting but no later than the November regular meeting in Nov. He thanked all the members who have taken their time to make the pens for the troops that are deployed overseas. He also stated that if any member who did the pen turning and they had bad pen blanks and had to substitute some of their pen blank stock in place, be sure to let Les know so that he can replace the blanks.

2. George Raeder reported that the Wooster Show is now over and they will be packing up the turnings on Monday after the meeting. If you need your turned items right away, you can report to the Wooster Art Show after 9 am to get your pieces. He indicated that the show was awesome this year and far better than in previous years. He said that the photos of the show can be located at [bwwt.us](http://bwwt.us), if you are interested in seeing them.

3. Bill Stone said that we should be aware that the Hartville Tool Sale will be held on Friday and Sat., Nov 17 / 18. All turning items will be on sale for 20% off regular price. He said that the sale prices will be good on Monday, Nov.13 and through the week. He indicated that club members should show up and turn some small items if they are interested. That way the crowd can see their work and get some idea of how woodturning takes place.

4. Bill also mentioned that the Paul Bunyan show will occur on Oct. 6 and Oct 7 at the Cambridge Ohio Fair Grounds. Bill stated that he had several booths available for free, if individuals are interested in showing their turned items and want to sell them. He also has some free passes if you are seriously interested in going to see the show. Contact Bill for further information on the show.

5. Jack Boggio will be conducting a demo for resin casting pen blanks for turning pens on Sept. 15 / 16. Contact Jack or Bill Stone for further information.

6. Mark Stransky said that he will be collecting money for the pen casting hands on demonstration. Mark also stated that he will be collecting money for the demo that is to be held after the Ernie Conover demonstration that is to be held today. It was also noted that Dale DeHoff will be demonstrating the turning of cigar pens in October. He will be providing a hands-on demo for the afternoon and it will cost \$20 which will include the pen parts and the wood for the turning.

7. Mark also mentioned that any individual, who has made projects for the Akron Ash Tree Project, should

place the projects in the boxes that he has provided and tape them shut. Each project should have your initials and project number on a piece of tape that is placed on the bottom of the project for identification purposes. Leave the projects with Mark Stransky so that he can record what has been turned in. The Akron Environmental Office will choose what pieces they want to keep and the rest will be returned to the owner. The grant money for each piece will be given to Mark Stransky and then dispersed to the member craftsman as described in many previous meetings. The selection of turnings should be in the 2<sup>nd</sup> or 3<sup>rd</sup> week of Sept. or when the environmental officials can make time for the selection.

8. The October meeting will be held on Oct. 21, 2017. Please note the change of time from our regular meeting date. This is due to the fact that the Cincinnati Wood Turning Show will be held on Oct. 14, our regular meeting date. Many of our members will be attending the meeting in SW Ohio and also want to attend our regular meeting.

9. The November meeting will feature Dirk Falther and his demo on the crush grind pepper mill. The Nov meeting will be held on Nov. 4, 2017. Please note the change of time, due to the fact that Camp Y Noah will be having a very large camping group at the camp and they want to use the complete facilities of the camp ground.

10. The December meeting on Dec. 9 will feature Tim Niewiadomski

11. Bob Stone, Pres. noted that there will be a Mid Continent Symposium on Oct. 26 to 29, 2017. It will be held in middle Pennsylvania. Further information is available from Bob Stone. He also mentioned that there will be a Tennessee Symposium on Jan. 26, 2017. Again, contact Bob Stone for further information.

12. There is a tree of White Oak that will be taken down on Sunday, Sept. 10. Contact Bob Stone for further information.

13. Dave Floyd mentioned that he had some turning blanks available for free to those willing to come to his shop to pick them up. He needed he space for another shop tool.

14. A pen was made by Brent Wells to be given to the machinist that reworked our tailstocks for the Nova lathes. This pen was given as a point of appreciation for the work that was done on our equipment. We would like to thank Brent for his time and effort in making the pen for him.

15. The meeting was adjourned so that the demonstration by Ernie Conover could begin.

Ernie Conover  
Basic Spindle Turning  
Sept. 9, 2017

*Respectfully submitted  
Jerry Schaible, Sec.*

The demonstration for the day was given by Ernie Conover on Basic Spindle Turning of simple beads and coves. He indicated that he was a furniture maker but with styles that needed wood turned pieces to complete the desired appearance. He indicated



that his furniture came from the Nineteenth Century where established trade had developed in the cities of Philadelphia and New York in the US and traded with England and the rest of Europe. Many woodworkers began making spinning wheels for their wives and many of them had some very fine tolerances and were quite the piece of machinery for the ladies. He identified that some of the men at that time had some very fine training in the metal turning trades. This complimented the wood turning trades with matching skills.

Ernie began another discussion to identify the tools that have hit the market lately that are essentially known as Carbide Inserted Tools. Ernie gave an opinion that stated they do work but you can create only simple shapes and designs. The real issue here is that you are simply scraping the wood surface. He went on to say that the carbide cutters will not give you the shapes and cutting styles that you can get from High Speed Steel tools.

You can also get extensive grain tear out, which would require a lot of sanding to get the surface that you desire for a quality turning. It should also be noted



that you cannot get the cutting edge as sharp as you can get with HSS. He said that most cutting angles of hand planes are at a 45 degree cutting angle. He stressed that you should have a good rake angle or grinding angle of around 25 degrees. He said that one should also have a very good roughing gouge because you can do a lot of good cutting with that type of gouge. A good spindle gouge is a tremendous asset and a 1/2" gouge is a minimum. Ernie stated that he likes and prefers HSS for his tools. He said that M-2 steel is a common grade and very good. Lately, M-42 is popular with woodturners and the wood turning community. The skew is the tool that has bevels on both sides of the steel tool shaft. He felt that the 1" or 1.25 inch skew is best. He felt that they are very stable and will not go out of control while turning. He felt that one



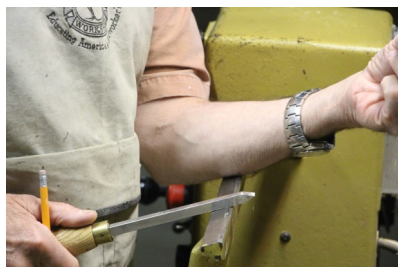
should use only the lower edge of the skew when turning along the spindle. He also suggested that one should grind off all the corners of the tool shaft. Tool steel is very hard, espe-

cially the HSS tools. The sharp corners will damage the tool rest because it is softer steel. This will require the turner to take a file and file of the top edge of the tool rest so that you do not catch the tool as you are moving across the rest. That would result in a turning mistake in the wood spindle. He felt that

an oval skew is far better for beginning wood turners since it is easier to use. He felt that another tool that will come in handy is a beading and parting tool. This is a metal shaft that has a



square nose grind on the front of the tool. He said that he uses a 3/8 inch tool steel shaft for this tool.



He said that it is great for making tenons and sometimes it comes in handy to have a double bevel grind. He said that a bedan is a handy tool and it has a single bevel

grind. He said that one can grind on the side of the grinding wheel if you use caution. He said that another tool that has purpose is the V-grind scraper. He said that it is very good for creating lines in the turnings. A box scraper has a grind on the end to cut the square bottoms of a box and a grind up part way on the side of the tool to cut the sides of the box. He said a chatter tool is effective for putting marks into various pieces like the lid of a box. He felt that you could purchase a Sorby chatter tool for around \$40 or make one yourself for no money invested. He also indicated that one can use a spindle gouge and grind a point on the end and it will have a pointed grind for getting into very tight places. One can make very tight beads for delicate turnings. The parting tool is used for separating two parts of a spindle turning. The latest ones have a diamond cutting shape and it is used by providing less friction for the cutting function. Ernie recommended a concept of safety when turning wood. He felt that one should not have any rings on their fingers to catch in the woodturning piece. Do not wear ties and roll up the long sleeves so that they do not get into the turn-

ing piece. One should use safety glasses at all times. Wood chips should not hit you in the eye while you are turning.

To begin his actual turning activity, Ernie took some 2x2 blanks and placed them in the lathe. He said that all sides had been planed



so that they were perfectly level and square. He used a knife and made marks from one corner on the end surface to the other. Then he did that again to the two unused corners and finished with an X from corner to corner. Then he used a spring loaded punch to make a tiny hole where the two lines crossed. This indent would provide use for centering the blank on the lathe at the head stock and the tailstock. When the blank was secure on the lathe, he brought up the tool rest and tightened it down to the bed of the lathe. He placed his hand on the hand wheel and spun the blank to make sure that nothing hit or clipped the tool rest. This safety check was completed with the motor off so that one could see that everything cleared the tool rest. He indicated that if the person was tall then he should raise the tool rest. If the person was short then he should lower the tool rest so that it would be comfortable to hold the tool on top of the tool rest. Ernie made a mark with a pencil so that he would have some idea where to place the tool to make a cut when the spindle was turning. He took a skew and made an indent into the wood blank and then used a side cut to get clearance for the tool. He then used a roughing gouge to get a lot of the wood cleared out of the way in order to make a tenon. Sometimes you can use the gouge to make a cut or use the tool to roll the corner to make a half bead on the end.

Ernie suggested that there are times when one needs to make a duplicate piece to replace a broken spindle in a chair. It would be important to have small rack to hold the broken spindle right at the back of the lathe and be able to see the shapes that are needed for the chair. Then take a blank and insert it into the headstock end and bring up the tailstock. One could then take a few measurements and begin to turn the duplicate spindle and get the shape desired. One would use a roughing gouge to get the general shape and then switch to a skew or spindle gouge to refine the beads and coves or long sloping shapes. He said that it is important to use a spindle gouge to face off the ends of the spindle to provide a very nice clean cut.



Lastly, Ernie showed us how to hold a small spindle in a jam-chuck. It was Ernie's contention that one did not need to use the scroll chucks that are so popular now, but one could use a large blank of about 5" by 8 inches long and attached to a face plate. Then turn the blank so that the outside is smooth and face off the tailstock end with a spindle gouge. Now create a hole in the center of the faced off end with bowl gouge and enlarge the hole to fit the turned 2x2 spindle.. Tap the small spindle into the hole with a wooden mallet until it fits snugly. If needed, one can enlarge the hole until the smaller spindle will fit. This type of turning was used in the 1930's / 40's and was found to be of limited use and of qualified designs.



*Tip of the Month:*

**The Benefit of a Well Made Tenon**

Have you ever made a tenon for a scroll chuck only to reverse your bowl and discover it doesn't turn true? If you understand what shape and dimensions are required for a tenon to fit the jaws of your chuck most securely, and then make the tenon accurately, your bowl will turn truer and reduce the time required to retrue it.

Most of my experience is with dovetail jaws. They pull the jaws tight against the base of the tenon as they are tightened around the tenon, which creates the best potential for a true fit. Profile jaws clamp straight in against the tenon compressing the wood with the serrations of the jaws and are less likely to clamp with as much accuracy.



The inside of dovetail jaws, the clamping part, is smaller in diameter around the base of the tenon and larger in diameter around the end

of the tenon. When the tenon is properly formed, the larger diameter of the end of the tenon will not pass through the jaws, holding the work securely in the jaws of the chuck.

It is best, when possible, to make the tenon the appropriate diameter to fit the jaws when the chuck is scrolled in nearly all the way. Scroll chuck jaws are manufactured in a completely circular form and then cut into four separate jaws that slide toward the center of the chuck as they tighten around the tenon.

Vicmarc jaws form a perfect circle when there is a 2mm gap between adjacent jaws to allow for the kerf of the saw blade that was used to cut them into four jaws. When cutting a recess in a bowl blank for the outside of dovetail jaws to expand into, make the recess just larger than the jaws when



they are completely closed. When the jaws are expanded beyond a true circular form, they will still hold, but your work is more likely to turn true when the jaws make contact completely around the tenon.

**Author**

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## Calendar of Events

### PLEASE NOTE

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

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**BWWT Library Online Guide brought to you by the BWWT Club Librarians, Dirk Falther and Bob Hasenyager.**

The online guide lists the books and videos that are available in our club library along with descriptions on the subject matter and other useful information. Follow the link below to check it out.

<http://uh.cx/uVS1S>

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