



Contains December 2017 Minutes

January, 2018

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 9, 2017**

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

*****Note*****

**BWWT Business Meeting
Dec. 9, 2017
Camp Y Noah**

Respectfully submitted and Thank You.....

Jerry Schaible, Sec.

The meeting of BWWT was called to order by Pres. Bob Stone. The following items were presented to the membership.....

1. Pres. Bob Stone thanked everyone for coming to the meeting of BWWT.
2. Pres. Stone stated that the demo presented today would be from Tim Niewiadomski, who will demonstrate how to make a fancy segmented bottom for your segmented bowls.
3. Pres. Stone mentioned that on Jan. 13, the demonstration will be put on by Dale Dehoff. It will be a very precise showing of how to make a cigar pen.

4. In Feb. we will have Dick Girard demonstrating how to make a sphere and then decorate it with fancy designs.

5. In March, we will have Dave Hout visiting us for a demo of choice.

6. In April we will have Liam O'Neil, from Ireland, demonstrating the turning of a bowl and platter.

7. Mark Stransky, BWWT treasurer, stated that members need to pay their dues for the coming year of 2018 in order to remain a member of good standing. He requested that a member should fill out the form needed for the coming year.

8. Bill Stone mentioned that at the Hartville Hardware Tool Sale, someone gave him a large amount of engineered wood. He is giving it away to anyone who wants it. Please see Bill about getting your supply. Engineered wood is thin layers of wood that are glued together to be used for floor beams or ceiling supports. It is a very precise gluing process that is used to hold the wood together.

9. The Show and Tell table had some very nice pieces on display. Bill Seabolt gave a very nice description of how he made the Christmas ornaments that he had on display. Dave Wells showed that he had a "collaboration effort" with Nick Cook at one of the past wood turning symposiums. Turned lamp base that Nick Cook had made and Dave Wells took it home and finished it for a spectacular showpiece. It was very well done.

10. We had eight visitors to our BWWT meeting today. Most have experienced the Hartville Hardware Tool Show and saw our exhibit and decided to come to one of our meetings.

11. The name tag winner this month was Lee Clark. He wore his name tag proudly during the meeting.

12. It was stated that a new position was created in the Executive Committee and it will be called, Special Advisor to BWWT. The position will be filled by Bill Stone. He contributes considerable time and effort to the running of the club in that he manages the store room, is responsible for visiting wood turning dignitaries and accompanying activities, general responsibility of BWWT activities with camp management.

13. Gayle Seymour presented the new addition of a 55 inch TV screen for our membership viewing of the demonstrations. This will be viewed beside the regular movie screen for comparison. If we get favorable response from the membership, we may purchase a second TV monitor for the other side of the room. We are recording all meetings and local demonstrators so that the DVDs can be placed in our library for future reference. The items were purchased in stages to be able to bring it together at today's meeting. The total cost was \$650 for both the TV monitor and the TV stand. It was stated that the second purchase of a TV would not cost that much. There were favorable responses from the viewing membership during the rest of the meeting.



14. Jerry Schaible, outgoing secretary, was recognized for his services to BWWT and was given a very nice Thompson spindle gouge and a card signed by all the members of the Executive committee as appreciation.

15. It was mentioned by Pres, Stone that in January 2018, there will be a meeting of the Tennessee Association of Wood Turners at their annual symposium. If interested, you should contact Bob Stone for further information.

16. The International Association of Pen Turners will be having their annual symposium in NE Ohio on April 18, 19, and 20, of 2018, in Wadsworth, Ohio. They are looking for a demonstrator on actual turning

other than pens. They need three demos on non pen-turning activities.

Tim Niewiadomski
Segmented Bowl Bottom
Dec. 9, 2017

Respectfully submitted
Jerry Schaible, Sec.

The demonstration was based on decorating the bowl bottom as well as the top rim band to contrast with the bulk of the bowl in another standard wood. Most of the demonstration was centered on the segmented section of the interior bowl bottom and design. Tim stated that he has been self taught in the design and shape of bowls as well as proper tool control. He said that by this method, he learned from the mistakes that he made along the way. He also appreciated the membership in the BWWT club, because he acquired a significant amount of knowledge from the demonstrations.



Tim identified that he uses the clam shell effect when making the bottoms. He said that he uses two halves and then glues them together. He said that you begin with a the concept of developing a plan and then create the design elements into the plan. He said that one can make a sketch or a drawing to get some idea of what the turner will strive for. He stated that one can do the math to figure out the dimensions or one can go to a book on the subject and learn from that. He said that He likes to use the Malcolm Tibbetts books on segmented turnings, like [The Art of Segmented Woodturning](#). He indicated that it was full of photos to show what some of the designs look like and it also has a set of math tables in the back of the book with the math figured out ahead of time. The tables will show the angles that all the segments need to be cut at as well as the lengths needed in each segment in order to complete the circle band. The book also has instructions that are needed to assemble the segmented rings and then the glue up procedure. He said that the book will give



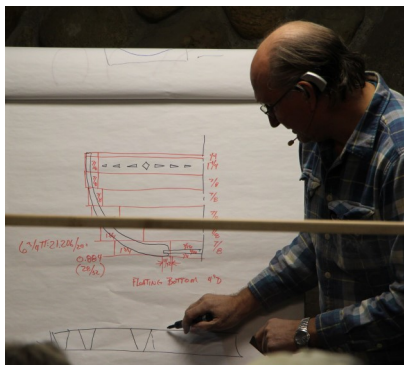
you some guidance through the complete project. He indicated that one may cut the segments from one strip of board to get completely around the ring. If you flip the board or strip of wood, you can use the same angle throughout the cuts but the grain will not be consistent. If you cut the board and keep the same edge next to the miter fence, you will use more lumber, but the grain patterns will be the same completely around the segmented band. When making the cuts, Tim uses a miter saw for all the angle cutting. Once the saw has been set up, it is extremely accurate for all the cuts. One should make the cut down through the board and let the saw blade come to a complete stop before raising the saw to retrieve the piece. There may be times when the saw is left running, that the blade will catch the cut piece and throw it into the air. Tim stressed throughout his talk that one should always follow his safety practices when working in the shop. Sometimes the bottom may shrink when left in one complete piece. He said that at that time he will make a floating piece so



the winter and high moisture in the summer. He will cut dados so that the floating piece can be set in position but it must be snug so that no gaps will show at the joint.

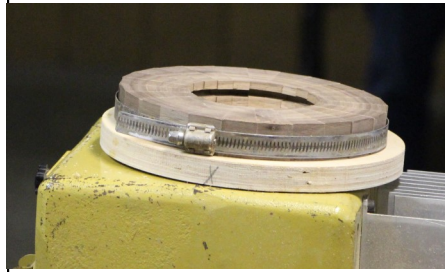
Tim uses a faceplate and glue-ups to hold the bottom in position.

He uses three pieces of wood for the completed bottom. He will use a top layer where a groove has been turned into the layer to hold part of the disc. This will accept the float-



ing disc that will lie between the two layers, and then the bottom layer where he may also turn a groove to complete the assembly with the disc wedged equally between the two layers. This assembly will be glued to a glue block that has been screwed to the faceplate. The difficulty in the turning the interior of the bottom, is that the joint line must be very tight in the transition of the layer into the segmented bottom, to complete the arc and have continuity of the cut.

There are times when Tim will cut a plug to fit into the bottom for accuracy. Tim uses Titebond II for his glue of preference in the joints. He will assemble the segments of the first ring by gluing them in place.



When all pieces have been assembled in a ring, he will then use a band clamp to tighten the segmented joints together. He may use a

hammer to hit each segment so that it is flat to the table and this provides a very smooth even bottom to the ring. He lets the ring dry for about 10 minutes and does something else in the shop. He said that usually he has more than one bowl being constructed at any given time. When he gets back to the next ring in position, he will glue up the pieces in the same manner as the first.....gluing each segment in position until the complete ring has been assembled, then attaching the band clamp to the second ring. When it has dried more than 10 minutes in the clamp, he will assemble ring no. 2 on top of ring no. 1 and glue in position. He will then glue up ring no. 3 and glue it to ring no. 2. When all rings are assembled as needed, then the rough bowl will have taken shape. The glue up of these rings is put into position so that no glue joint of one layer falls on a joint of another ring. The offset glue joints also makes for a stronger glue up of the complete piece.

When the glue has dried sufficiently over night, he can begin turning the complete bowl.

He will mount the faceplate on the headstock with the open end of the bowl facing the tailstock.



He will take light

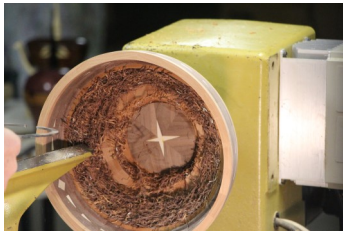
cuts from the rim of the bowl to the bottom of the bowl near the headstock. These light cuts put very little pressure on the glue joints and begin to smooth out the exterior walls.. He cautions that one needs to adjust the tool rest as needed for better control. It should be noted that the lathe must be stopped to make this adjustment. Use slow cutting techniques. Make sure to watch the areas from one glued segment to the next glued segment, so as not to take a deeper

cut. When completely turned on the exterior, Tim takes a straight edge and rocks it from the rim to the head stock area to listen and feel for any high spots or flat areas that need to be taken care of. If any of these conditions are found then he will turn or cut this area again with extremely light cuts until the area is clean of any imperfections. He may use a scraper on the exterior to finish turn the piece.



To turn the interior next, Tim will use a 3/8" bowl gouge. He will use extremely light cuts and take very thin shavings.

To be aggressive here may cause a mishap and you will lose the piece. Be patient and take your time. Normally Tim will take only about 2 inches on each segment depth. Then clean out the shavings to provide free cutting the next time. Tim worked his way eventually all the way down to the bottom of the bowl. He strives for a wall thickness of about 1/4 inch or a slight bit more. The bottom of the bowl walls is usually a little bit thicker than near the top rim area. He cautioned that one should take light passes near the decorative piece that was created earlier. He stated that one needs to cut into the decorative piece for a smooth transition from the bowl interior sides to the decorative piece in the bottom. When he had finished turning with the bowl gouge, he used a round nose scraper to finish turn the interior. Again, light cuts are the requirement here. The tool rest needs to be close to the work area for better control of the tool edge.



When the exterior and interior of the bowl are completed, then remove the piece from the lathe. Use a scroll chuck and insert the Cole Jaws to hold the rim in position. Turn the bowl 180 degrees so that the open end of the bowl is near the Cole Jaws and the head stock. Clamp the bowl in place. Turn the bottom and create a foot on the bottom of the bowl so that it can sit flat on a table. When the foot has been completely finished, then begin the sanding. Tim starts with 150 grit sanding paper and works through the steps of finer sandpaper each time, until he reaches 400 grit paper. He will use a food grade

walnut oil and layer a thick coat on the interior and exterior. He will let it dry for a couple of hours, then wipe dry with a clean cloth. Lastly he will apply a wax finish according to the directions of the manufacturer.

Finally put the piece in a nice setting and sit back and enjoy.



Tips: Support for Turning Bottom of Bowls

AAW
EDUCATION

An alternative to the "wooden running pads" described in another tip: Take one of the plastic nuts that is used in some plumbing connections, such as the flexible connector that attaches to water using appliances, and place it over the end of the conical live center. The point of the live center does not protrude past the open end of the plastic nut and thus provides a small circular support surface at the wood project.

~ Warnie Lore, West Virginia



Segmented Diamond Ornament

Here's a link to a detailed project description for an inside-out Diamond Christmas Ornament by David Reed Smith:

[Diamond Ornament](#)



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>

BWWT OFFICERS FOR 2017



President

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



Vice President

Dave Wells
330-627-5209
wellsd0849@gmail.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

Keith Bellamy
330-221-2845
akbellamy@gmail.com



Membership Admin.

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