



Contains December 2015 Minutes

January 2016

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 12, 2015**

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

**BUCKEYE WOODWORKER
AND WOOD TURNERS
Dec. 12, 2015**

**Respectfully submitted
Jerry Schaible, Sec.**

The meeting was called to order by Pres. Bill Stone. He welcomed all the members to the club and introduced the guest demonstrator, Mark Sillay, that we had scheduled for the day.

Pres. Stone did mention that we will be having Glenn Lucas on April 9, as our guest demonstrator for 2016. Due to scheduling conflicts, we will be having our Hands On activity with Mr. Lucas on April 8 at the home of Bill Blasic in Erie, Pa. There are 8 slots available and several have been spoken for already. Contact Bill Stone or Mark Stransky for further information.

Pres. Stone mentioned that there will be a special turning session for the youth that will be in the Y Noah camping experience that week. He said that we will need some turners that can make some turned pieces and give them to the kids so that they can decorate, color, and paint art shapes on the pieces. The children will be from 8 to 12 years old. The pieces could be ornaments, small bowls, and some flower vases. See Pres. Stone if you are inter-

ested in helping.

Bill Stone mentioned that he met with several people from the Akron Engineering Bureau and discussed the ash tree that had been cut down in the West Akron area. It was noted that numerous residents of the area were upset at the cutting down of the old historical tree. The tree was approximately 5 ½ feet in diameter at the base. The result of the conversation was that something nice could be turned out of the remaining logs and give these to the mayors office to hand out to dignitaries that visit our city. Other turnings could be shown to the neighbors that beautiful things can be made out of the tree other than firewood. The gentlemen stated that they needed some pieces to show their superiors about the beauty that is in the tree. A proposal will be written up to show the level of participation that our club will have with this project and then that will be submitted to the Akron authorities.

There will be no raffle for the meeting today since we want to leave as much time as we can for our guest demonstrator.

Pres. Stone indicated that there is a metal lathe available for free if someone wants it. It is located in the basement of the home and the person wanting it must be responsible for removing it and hauling it to their own facilities. It has been modified to run on 110 current.

Pres. Stone mentioned that there were numerous members of our club that went to the Cincinnati Wood Turners Symposium. Many members purchased some lathe lights and CBN grinder wheels from one of the vendors that participated in the show. We had enough purchases that the vendor was willing to donate a light and a grinding wheel to our club. They will both be used in the demonstration today. The vendor who made the donations was Ken Razzi from WoodnWonders.

The demonstrator today will be Mark Sillay from Georgia.



Mark Sillay
Unique Turning Tech-
niques
Dec. 12, 2015

Respectfully submitted
Jerry Schaible, Sec.

Mark Sillay opened his discussion by thanking the membership for inviting him to the club for this demonstration. He stated that he had been self taught and that this contributed to his learning how to turn correctly and how to make mistakes and then correct them. He said that he had been given a lathe and turning tools as a gift and then had to learn how to use them. He also stated that he "wanted his shop to be a joyful experience.". So with those goals in mind, he began his wood slicing techniques so that he could get a fine finish right off the tool edge without any or very little sanding. Mark stated that foot-

ball players always exercise before playing a game. He said that he does the same thing when turning. He cuts some blanks from ordinary construction lumber that are



finish cut at 1 ½ X 1 ½ X 6 inches long. He places this blank into the scroll chuck and then cuts down the end of the blank with a very sharp spindle gouge until he has a very fine point on the end of the blank. Then he makes a series of beads and finishes up with a body at the bottom of the turning. This turned out to be a very fine delicate ornament for a tree. He said that he uses pine because it is very soft and it will show the turning errors easily if there are any. It is a good practice wood. While making the beads, he stated that only about 1 out of 500 wood turners can make a bead with efficiency. Some turners get very frustrated when the beads don't turn out correctly. He said that by turning soft pine, it helps him refine his skills before he begins turning the beautiful hardwoods. He said that you can only turn beads, coves, and flats for two point perspectives. So, one has to perfect these techniques in shapes, before they begin to use expensive wood blanks.

Mark continued with his demonstration by showing the proper body position that one needs to turn effectively. He said that one is to create a triangle posi-

tion with his arms and body for the most stable position for turning. This would result in one hand at the



back of the tool handle, the other hand on top of the lathe tool for stability at the fulcrum where the tool steel touches the tool rest, and the body. He emphasized that one needs to keep the hands in close to the

body for stability. He said that success will come in turning when you move your body for the cut, keep your hands close to the body, use a sharp tool and apply it correctly to the wood. Before long, using the techniques he showed, he was able to complete the tiny Christmas ornament with many beads in the profile and it needed no sanding. He said that he was turning the ornament at 1800 – 2100 RPM with the wood slicing technique. He said that if you turn to slow, it is not safe. If you turn to fast, it is not safe.



He stated that if you use the tool correctly, you can start with 400 grit sandpaper to finish the piece. He used small eyelets so that he could hang the ornament on the tree, and twisted them in position. He said that purchased these from Etsy on the internet. They are a gold plated screw eye that measure 8mm X 4mm in size.

Mark stated that when starting to turn a rough blank, one needs to use a spindle roughing gouge to remove the bulk of the wood to get it down to a nice cylinder. He said that one should lay the roughing gouge on the tool rest and let the bevel rub the wood without doing any cutting, then slowly lift the handle up and take very light cuts across the blank, being careful to not catch the tool on the corners of the rough blank. Never



come into the wood blank at 90 degrees with the tool. Always come into the wood with the tool at a slant. All turning tools are

steered with a left to right motion. Never go up the fibers on a cove cut or you will break off the fibers since they are not supported by the next fiber in line.



Align the tool so that it cuts down to the bottom of a cove to get a much smoother cut, then cut down from the other side and

meet at the bottom.. The bottom of a cove can be easily sanded to smooth it out, as opposed to sanding the broken fibers from cutting up the slope. Again Mark suggested that one should use soft pine blanks to practice this cut. When using a spindle gouge for cutting, one should make or grind a parabolic curve on the front of the tool edge. Mark uses a convex bevel on his spindle gouges. This is similar to the Cindy Drozda grinds that she uses. Mark suggests that you can make the cut with the tool bevel to the right, touch the wood and move to a 1:00 o'clock position and make the cut. Moving to the left, one should be at the 11:00 o'clock position.



When turning coves, Mark suggests that you start with a V cut. He recommends that you take only 1/16" cut with any tool. To large of a cut, results in a dangerous turning condition or a mishap. The parabolic grind on a spindle gouge can match any cove shape. For a smooth cut, push the tool straight through over the top of the cut. This is a straight push move through the cove. To make a wider cove, take longer spindle cuts and cut through the cove shape. He claimed that if you have lines around your turning, then you used your left hand incorrectly or inappropriately. Use the left hand to push down on the fulcrum point of the tool and tool rest. Push forward through the cove. He stated that one should push, lean, drop the handle, and scoop with a twist though the cut. The tool must point to the top of the turning. He said that one should always be safety conscious when turning wood. The best wood turner that he has ever seen was Alan Batty.

Mark indicated that 99.9% of wood turners cannot make a proper bead. The turner will make poor beads because he has improper tool entry into the

wood. He said that the bevel needs to be at 90 degrees to the cutting surface. He said that you need to push and lean with the center of the tool at the center of the rotation. Use a convex bevel on the spindle gouge for finer cuts. The tool rest should be at your personal comfort zone. But he cautioned that one is not to take the tip of the tool below the center of rotation of the wood. Delicate spindle turning is used when making thin finials for Christmas ornaments or lidded boxes with a finger hold on the lid.

Mark suggested that one can make very unique Christmas ornaments by using sea urchins for the globes. He said that you can purchase these sea urchin globes from Deltona Seashells. He said that they are some of the finest urchins and it is through a dealer that has superb business policies. He will use a Krylon clear spray on the shells so that they will harden off and not be so fragile. He has great luck using a grinding stone that is mounted in a scroll chuck to widen the hole opening so that a finial can fit in or be glued in position. He holds the urchin in his hand and lightly presses it into the grinding stone until the hole is large enough for use.



When turning the finial to shape, he likes to have the shape of the finial fit into a neat isosceles triangle



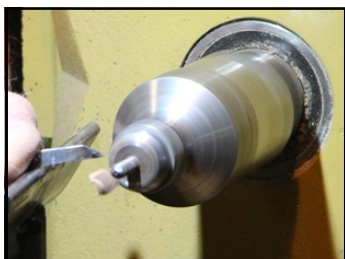
shape. He uses large 5" sea urchins to make enclosed boxes and then turns the finials for them in the same manner as he would the ornaments but makes them larger in proportion for the size. He said that he will usually sell the large ornaments for around \$100 but it costs him only \$15 for the materials.

In his general discussions, he recommended that one not use the tailstock when drilling out the cen-

ter of a project because they are off center. To finish his finials, he will use the Krylon clear gloss spray. With the lathe turning at a slow speed, he will lightly spray the finial and watch until it has flashed off and then it will be dry to the touch. It provides a very smooth and even finish to delicate finials.

Mark did offer a suggestion for use of smaller paper towel pieces when using it for various bench jobs or finishing on the lathe. He suggested that one purchase a cookie tin from the holiday decoration aisles in the store and cut a slot in the wall of the cookie tin. Then cut the length of a paper towel roll into four or five segments so that they will fit into the cookie tin. One can attach a large magnet to the exterior bottom and then it can be placed on the leg of the lathe for easy use.

When making bottle stoppers, Mark will start with 2x 2 x 2 ½ inch blanks. He will place the blank in the scroll chuck and turn the tailstock end to a dull point. Then he will drill a 3/16" hole in the end. He will turn the piece off center to give it some interesting characteristics. He then will mount it in the



screw chuck using the hole that was previously drilled and this will create the off center look that he was seeking. He will use sandpaper with 800 grit sandpaper to get a very fine museum finish. He will turn the base of the piece until all the rough edges have been removed. He will then use CA glue from Parsons Adhesives. He noted that this is an industrial CA glue. The advantage is that it has a longer drying time and it is odorless. He thought that it was labeled as

Parfects 3408. He also uses CA glue for his pen blanks. He lets the CA soak into the wood. He wipes it on and then slowly turn the piece on the lathe and wipe off the CA glue completely. Use random orbit motion to wipe off the CA glue. It will eliminate the ridges or streaks that may occur.

Mark recommended the Beall Buffing System to put the final finish on the turned pieces. He uses only the White Diamond compound on his buffing wheels. He does not use the Brown Tripoli because he has

already sanded the piece down to 800 grit with sandpaper. To use Brown Tripoli would take the surface back to 400 grit. He never uses White Diamond above 1700 RPM. He then will wax the surface and buff it at around 900 RPM. When using CA glue, his process is...



1. Wipe on,
2. Wipe off,
3. White Diamond buff,
4. One coat of wax,
5. Buff off.

When turning end grain bowls, mark will turn the exterior of the bowl from the widest to the narrow bottom. When turning the interior, he will use a pull cut from the interior center to the outer edge. Here he will use the



direction of the tool to the 10:00 position. One could use the spindle gouge also for this cut. Hold the gouge flute to the 1:00 o'clock position and use a push cut to the 10:00 o'clock position. There



should be no tear out with this method. Mark uses the bowl gouge to cut the tenon for the chuck on the exterior bottom. He likes to use the

recess for his scroll chuck. To cut the recess, he uses a pull cut to shape the exterior design. Lower the handle and use a sheer pull cut and look for angel hair wood fibers. He will stop about 1/16" away from the top edge, so that he does not have a chip out. He will also use a push cut from the foot to the top rim and cut slowly to get the fine finish desired. The interior will be a fine slow push cut to the interior.

To make an offset flower vase, he will use a 2 ½ inch blank. He will cut a tenon on one end so that he can reverse chuck it later. He will turn a tapered vase so that it is larger at one end, which will be the top. He will make a concave bottom for the vase to sit square on the table and not rock. He will drill a 3/16" hole in the top that will be 3/8" to ½ inch off center. He will clean up any im-



perfections on the exterior until it is ready to sand. He will sand to 800 grit. He will reverse it in the lathe and use a flat back



pad plus a drive center to hold it in position. The back pad will consist of Mrylon or Abralon pads for



friction. The drive center will be a small shaft that will fit into the small drill hole mentioned above. Next he will turn a thin neck for the top of the dried flower vase. When finished, he will part off or use a thin spindle gouge. Mark will then use a tapered bit in the head stock and redrill the hole to get rid of the

screw threads inside the hole from the screw chuck mentioned above. If you have any sanding grooves, then they must be removed from the piece with additional sanding. He will buff with White Diamond. He might use Renaissance wax or Kiwi shoe polish or even carnuba wax. He will buff at around 900 RPM. If you buff to fast, then you will get wax strings embedded into the finish.

SILLAY SAYINGS

1. "Profit is not in the sellingit is in the buying".
2. "I don't have enough time in my life to sand."
3. "Sanding is a waste of time"
4. "Don't fight it....let the tool and the machine do the work".
5. "Only one person in a thousand can cut a proper bead".
6. " Always be safety conscious".
7. " If you have lines, your left hand is doing something wrong".
8. "The best wood turner is Alan Batty
9. "Take only a 1/16 inch cut with any tool".
10. "Do not go uphill with a tool edge".
11. "If you use the tool correctly, you can start with 400 grit sandpaper".
12. I want my shop to be an enjoyable experience".
13. "Use sharp tools and apply the tools correctly".
14. "Use a convex bevel and enjoy the experience".

Calendar of Events

PLEASE NOTE

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

February 13, 2016....Marty Chapman
Demonstration project to be announced.

March 12, 2016....Demonstrator and project
to be announced.

April 9, 2016....Glen Lucas All day demo-
project to be announced.

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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/us4im>

For Sale-

Triton Powered Respirator like new. \$75 or B.O..

Makita Plate (Biscuit) Jointer w/ heavy duty case. Only used 3 Times. \$75. or B.O.

Table Saw Sled w/positive stops at most common angles. \$30.

If interested, Contact Bill Seabolt @ (330) 517-7070

BWWT OFFICERS FOR 2016



President

Richard Rohr
330-484-2830



Vice President

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