



Contains August 2012 Minutes

September 2012

Buckeye Woodworkers And Woodturners August 11, 2012

The meeting was called to order by President Bob Scharl at 9:00 AM at Camp Y Noah. He welcomed everyone to the meeting and hoped that they would enjoy the activities. There were 51 members that attended the meeting with 4 of them being visitors. Immediately a drawing was held to determine who name would chosen from members who wore a name tag to the meeting. Dave Floyd's name was chosen and he was wearing a name tag and he chose his prize from the raffle table.

Pres. Scharl noted that there will be a Paul Bunyan show this year in Cambridge Ohio. It will be sponsored by the Ohio Lumbermans Association. In the past, Jim Doll, president of Doll Lumber Co. has provided us with a table and demonstration area. In the past, Larry McCardel, Bill Stone, Hoby Horn, George Raeder, and Ben Fix have traveled to Cambridge to put on demonstrations for the association members. This year the activities will be held on Oct. 5 to Oct. 7 for those that are interested in attending. We need several members to travel to Cambridge this year to participate in the demonstrations of our club. Anyone interested should contact Bob Scharl, president of BWWT. You will be allowed to display your turnings and sell

them to the general admission crowd.

It was also noted that we will be demonstrating at the Hartville Tool Show this year in November. There will be people needed to demonstrate at this activity also. Karl Kerf-stetter indicated that he would be willing to help in the demo area. Others who are interested should contact Bob Scharl in order to make arrangements.

Another demonstration activity has also been offered to our club. We were asked to demonstrate at Charm Days in Charm Ohio. This activity will take place inside Keim Lumber Co. in Charm, Ohio. This will occur on Oct. 12 and Oct. 13. It was noted that Keim would provide the wood and lathes needed for this demonstration. It was also mentioned that those who attend will get 15% off on tool purchases and 20% off on all exotic wood purchases. This discount is open fo all club members. Hoby, Emory, Ray, Larry, Bill Stone and Bill Seabolt indicated that they would be willing to demonstrate at this show. It was noted that they would like to have us have our meeting down there and then take a tour of the building and grounds later in the morning. A cafeteria will be open at 7 AM for those willing to purchase their breakfast there. The lathes that will be provided by Keim Lumber Co. will be a General lathe and a Delta lathe. There was a motion made by Mr. McMillian to have the demo and meeting at Keim Lumber Co. in Charm Ohio on Oct. 13. This motion was seconded by Charles Fisher. It passed by unanimous vote of the

membership present. Members will receive an email from Bob Scharl identifying the Charm Days activities. We are to copy this email, which will have the discount coupons available for our use for tools and wood.

Bob Taylor and Bob Scharl had traveled to Michigan a few months ago and attended a turning symposium. It was noted that several clubs belonged to a Turning Pens for Troops campaign. Generally what occurs is that Woodcraft will supply the pen parts and wood for a 7 mm pen assembly and the woodturners will turn the pen blanks to fit the pen mandrel bushings. The woodturner will assemble the pens and then turn them over to Woodcraft for shipping to our troops in foreign lands. Pres. Scharl asked for a show of hands with fingers indicating how many pens that each person would like to turn. It was easy to count up to 150 pens needed by our club for this project. Each member will supply the epoxy glue, finish, and labor to turn the pens. All turned pens and unused pen kits will be turned over to Woodcraft by late Oct. or early Nov. For further information, visit the WOODCRAFT link at www.woodcraft.com/offers/turnfortroops.aspx.

Discussion began by Pres. Scharl as to whether we should have a dinner for the regular Dec. meeting like we always do or return to our normal monthly meeting. It was noted by the pres. that last year we had only a few members and spouses participate. The dinner usually cost around \$25 per couple. In previous years, our regular meeting was held on the 3rd Sat of the month and it was very close to the Christmas season and many other activities. Since we are having a very low attendance at the dinner and because our regular meeting is now scheduled for the 2nd Sat of the month, we could go back to the regular meeting. A vote was taken and only 10 people favored a dinner for the holiday season. Many hands went up for us to schedule a regular meeting with a demo during the

second Sat. of Dec. So therefore the dinner will be cancelled for this year.

It was mentioned that a walnut tree is available to be cut down. Hoby was concerned about whether we would have to clean up the brush and limbs. Others were concerned if there were any power lines or buildings in the area. More information will be forthcoming in future meetings. Contact Bob Scharl or Steve Gurish if you are interested.

It was noted by Pres. Bob Scharl that we needed more mentors for the Camp Y Noah turning sessions during the summer camper months. This is a way in which our membership can give back to the camp for allowing us to have a place to meet with heat and electricity.

A treasurers report was given by Treasurer Tom Nellis. He thanked everyone for the tremendous support for our annual auction in July. The money collected will support our club activities during the coming months. Tom also said that shirts will be available if he can get enough people to sign up in order to make a group purchase. The shirts will have the club logo and BWWT printed above the pocket. He mentioned that high speed tool steel will be available for purchase at \$5 per piece. Each piece is 1/4" square by 8 inches long. Approximately 4 or 5 tools can be made from this metal stock.

Peter Kerns from the Mirka Corp. will be our demonstration speaker at the Sept. meeting.

The Benoit turned piece was auctioned off for \$70 at the meeting. The auction bid was made by Gordon Seto.

The club raffle brought in \$110 for the meeting.

Respectfully submitted
Jerry Schaible, Sec.

Don Shipe Demo Spiral Spindle Turning August 11, 2012



Don began his demo with a reflection back on his career. He indicated that he was originally a farmer and then became a landscaper in the area. He said that he had an interest in woodturning for a long time. However when he saw a friend who had a cane with a twisted or spiral design, he really became interested in how it was made. He began his research and found a website of www.legacywoodworking.com that showed how to make twisted or spiral turnings with their machine. In fact, their machines could make spiral turnings from very small projects to large columns. However when he looked at the price, he found that they were selling for around \$1,200 which would have taken it out of the range of most woodturners. So with his interest at a peak, an inquisitive mind, and the can do attitude of a farmer, he decided to build one on his own. He ventured to a local junk yard and found all the parts that he thought that he would need and began to assemble the pieces. Those parts that he could not find, he made in his shop. Many of the gears and parts came from an old copy machine and he adapted them to the needs of the moment. With a trial and error method and many adjustments later, he devised the Shipe Spiral Spindle Turning lathe. Basically the machine has a router mounted on top of the

machine with a slide carriage that allows the router to move back and forth across the spindle piece. He also has another geared control that allows the spindle to spin between centers at various hand controlled speeds. This hand controlled speed creates the shape and pitch of the spirals along the spindle. The router carriage can be set to, or control, the depth of each cut. Various bits can be changed to create the profiles needed in the turned spiral.



So to make a cane, one would round off the 2x2x36 inch blank so that it is about 1 1/4" in diameter. He would use a router bit to take light cuts from end to end on the blank. After several passes he would have the cane spindle down to a useable size. The router bit that he uses has a spiral upcut carbide profile on the sides, but flat on the bottom. His router uses 1/2" diameter shank bits and that will provide for less vibration on his cutting. To turn the blank round he will use a two handed operation. One hand will control the spinning speed of the spindle while the other hand controls the advancement of the router on top of the carriage.

To cut the taper on the cane he would elevate the setting of the tailstock end of the lathe. That consisted of a bracket that could be raised or lowered with a wrench. He would measure the elevation of the spindle so that he would get a nice taper at the lower



tip end. He uses walnut, maple and cherry for his desired woods. Many times he will take thinner woods and glue up his blanks to provide more of an artistic design. The thickness of the woods could be different depending on the design characteristics that he would want.



To cut the groove in the side of the spindle in order to create the spiral, he would use a long $\frac{1}{2}$ " router bit and touch the side of the tapered spindle with the side of the bit. With the carriage he could make the cutting surface of the straight bit run down the side of the tapered cane and take a cut. This is again a two handed operation with one hand controlling the speed of the router down the cane length while the other hand controls the rotating tapered spindle. If you moved only the one hand, then the router would advance down the side of the tapered cane and produce only a flat edge. By rotating the other hand also, you would produce the spi-

ral design. He usually made a spiral shape on the opposite side of the spindle so that they would complement each other. He would make two passes with the router on the first grooved side and then three passes on the second side. He said that he took lighter cuts on the second side because the tapered spindle is rather wimpy and there is a lot of chatter if the cuts are too deep.



So with this setup, he can make spiral grooves, straight grooves and also band grooves. These cuts can be varied by simply changing the router bit to a different shape. These designs have to be tried and tested to determine if you like the effect. He not only makes canes but also can make candle stick holders, which are thinner and shorter in design and sit on a round turned base. He also has an indexing wheel that he uses so that he can get proper adjustments around the diameter of the piece. He said that he has found that he uses only 4 holes in the indexing wheel for the best effect.



To clean up the tapered spiral spindle, he uses an oscillating spindle sander. He uses a thin sanding spindle to get into the grooves that he cut in the tapered design. He hand holds the cane against the sander and he works the grooves to remove any

chips or rough edges left by the router bit. This sanding step does not take very long to provide a smooth surface in the cut spirals.

Finishing with a polyurethane varnish is usually done off the lathe after the handle has been attached to the cane. All parts are then hand sanded with a 320 grit.

Respectfully submitted
Jerry Schaible, Sec.



Pictures this month are courtesy of Darrell Dube and Bob Scharl

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

Calendar of Events

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

September, 2012..... Peter Kern from Mirka Products

October, 2012...Field Trip to Keim Lumber in Charm, Ohio

November, 2012....Elptical ring box by Bob Scharl

December 8, 2012....Bandsawn Boxes by Bob Taylor

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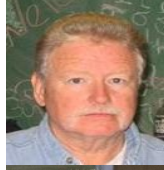
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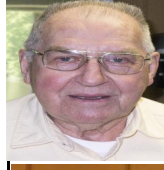
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