

**BUCKEYE WOODWORKERS  
AND WOOD TURNERS  
May 21, 2005**

The regular meeting of BWWT was called to order by VP Larry McCardel at 9:30 AM on May 21, 2005. Guests were introduced as Rick Maier, the President of North Coast Woodturners and Rich Owens and wife of Eastlake, Ohio. A total of 39 members were available for todays meeting. VP McCardel made note of our club dues at \$20 for the year and that if anyone wanted to join the club, they were to see the treasurer, Lou Mineweaser.

The Treasury Report was given at \$1882 and that was prior to paying for the 8 Jet lathes that we purchased from the AAW special offer with Jet Tools. That bill will be forthcoming and will be paid upon its arrival.

In new correspondence, a letter was received from Gary Niehaus which indicated that the Childrens Hospital board was very enthusiastic about our offer to produce Christmas ornaments for their holiday special showing of Christmas trees. Our turn in date would be in late October. It was suggested that a variety of styles should be made. Gary indicated that he would collect the ornaments when they are brought to the monthly meetings.

Catalogs from Craft Supply were available at the table if anyone wanted to take one.

It was reported by the VP, that no one had bid on the silent auction last month of the Woodfast lathe that the club owned. So it would be offered again today if anyone from the club wanted to purchase it. Any member who wanted to buy it should write down their name on the bid sheet throughout the meeting. In 1999, this lathe sold for \$2795 and was being offered at \$750 for the minimum bid. If no one was going to buy it this month, then we would place it on Ebay for sale and pickup only. Our club member, George Collins purchased the lathe for the minimum bid.

Gary Lansinger was able to get used folding chairs from Hartville Hardware for \$6 a piece. This will help greatly in the seating capacity for our club membership. They were delivered at todays meeting.

Raffle tickets will be sold during the meeting for \$2 apiece or 3 for \$5. Members were to see Ray Maar for their ticket purchases. There were many items donated by Hartville Hardware for this raffle. Members were reminded to suport Hartville Hardware for their own personal tool needs. It was mentioned that there will be a 20% off sale on chisels during the month of June. Todays raffle brought in \$198 for the club treasury.

The new Turn and Learn sessions will be organized by Marty Chapman. The turning sessions will occur after the regular meeting and demonstrations are complete. The participants will be using the new lathes that were purchased by the club.

The AAW Symposium will be held in Kansas City on July 22-24. All members were encouraged to attend.

The bulletin board was donated by Larry McCardel and is available to use during demonstrations. Larry also donated three books to our library. They were entitled Woodstash Book Projects by Kerry Pierce, Pricing Your Work by Don Ramsey, and Jigs and Fixtures Bible by R.J. DeCristoforo. We thank Larry for these contributions.

The club craft show will be held in late summer or early fall of 2005. We will be setting up tables next to Route 619 outside of our club meeting location. We are to bring any items for show or for sale. Ralph Kubal will head up the committee to organize the show. Lathes will be set up for demonstrations by club members. Ralph asked that members should sign up for the show and selling of their items. They were also asked to sign up for the committee to help set up the show.

Members were encouraged to bring their items for our show and tell tables each month. Members who are experienced, as well as new members were asked to bring in their pieces to show. All would benefit by this exchange of ideas. Members were also asked to give photos to John Adams so that he can put them on our website gallery.

Hoby Horn was recognized for his contribution for construction of our stand for the TV monitor. This is considerably more sturdy than the one that we had been using. Hobby was also thanked for the wiring of the 220 extension cord so that we could plug in the second Powermatic lathe that we purchased.

A total of 8 Jet variable speed mini lathes were delivered to Larry McCardel's house, which in turn were stored in his shop until they could be delivered to the club headquarters. Larry and Ralph Kubal then assembled all the stands and lathes on site. They are now ready for use by the members during our Learn and Turn sessions. The lathes cost \$248 a piece, which included the shipping costs.

There will be a suspension of the reading of the minutes so it will leave more time for the demonstration by Marty Chapman. All club notes are available on line at [bwwt.org](http://bwwt.org).

Name tags, T-shirts, and denim shirts with club logo are available from Lou Mineweaser, the club treasurer.

Jim Boehmer mentioned that Nick Lythos died about 5 years ago and had many woodworking items as well as a rather large supply of wood. Don Karr has been selling the wood recently and is available after the meeting at his house to sell the wood supply. The wood is made up of native woods consisting of boards and turning blocks. Everything is priced by the board foot. All tools will be sold in August.

It was mentioned that Jim Masters is recuperating at Edwin Shaw after his hospital stay. He will be there for about 3 to 4 weeks. A card was circulated through the

membership for their signatures. The get well card was mailed after the meeting.

At the conclusion of the demonstration, several members remained to clean up as well as label all the new equipment with the BWWT name.

There was a motion to adjourn and members prepared for the demonstration.

This month's demonstration was given by Marty Chapman and entitled, "Simple Gifts". These items are smaller turnings that one can turn and complete with finish in a short duration of time. His first demonstration was a spinning top, that has been made popular by Bonnie Klein. Marty started with a 2x2 inch block of wood and placed it in his chuck. He placed some emphasis on the fact that this was a great project for learning the basics of woodturning. He indicated that there were three basic cuts in woodturning, those being the straight cut, the cove, and the bead. All these techniques are present in turning a top. Marty used a roughing gouge for converting a square turning block into a round cylinder by turning off the corners. Then he used a spindle gouge to create the bottom part of the top. This portion of the top was near the tailstock end. He was able to shape the bottom of the spinning top almost to completion while the live center was still in position. This gave a secure position to the turning block. He then used a chatter tool to create some character and interesting pattern on the under side. He also used several colored pens to highlight the chatter tool patterns. After the lower part of the top was complete, he turned his attention to the handle. He indicated that he did it in those steps so that the bulk of the material in the handle area would support the turning of the larger disc. The handle was created as a bulbous design. The finished piece had a very nice shape and design.

Marty's next project was a honey dipper Christmas ornament. First he turned a pyramidal shape to the piece to represent a tree with a trunk or tenon on the bottom. Then he took a fine, thin parting tool and made some cuts into where the trunk of the tree would be. When complete there appeared to be numerous discs of a tapered design held together by the trunk. He stated with some fine grained sandpaper, one could take off all the rough edges and have it ready for presentation during the Christmas season.

The next project emphasized spindle turning to make a solid ornaments that represented an hour glass shape, with the top area smaller than the bottom. This globular ornament was very simple to make and made use of cove and bead techniques. In all the ornaments he used a small copper wire of 22 gauge diameter. He cut segments that were 1 1/2 inches long and bent them over an 8 penny nail. He then twisted the wire to provide a very delicate eyelet for the top of the ornaments. This delicate look was more pleasing to the eye than the eyelets that could be purchased in the stores. A small hole was drilled into the top of the ornament and a small amount of CA glue was applied to the twisted copper wire. The eyelet was then inserted into the ornament.

Marty displayed the twist tool that was made up of an 8 penny nail inserted into a finely crafted cocobolo handle. This high tech tool has served him well over the years.

Marty continued his artistic display of projects by making a wine stopper bottle. He

indicated that it was impossible to drink a whole bottle of wine at one setting and therefore one needed a bottle stopper to preserve the grape essences for future use. There were several members of the club that challenged this consumption theory. Nevertheless, Marty marched in a maintained effort to bring about the finer points of turning bottle stoppers. He took a 1 1/2 X 1 1/2 X 3 inch turning block and drilled a 3/8 inch hole in the center of one end. Then he used a 3/8 inch bolt with the head cut off as his bottle stopper mandrel. One could also use a hanger bolt and turn off the machine threads. This mandrel was inserted into a drill chuck and the turning blank was threaded on. Sometimes it is advantageous to bring up the tailstock to hold the block in place. He turned the blank round with the roughing gouge or spindle gouge. Marty then designed a creative shape that was pleasing to the eye. He made sure that the bottom of the stopper was the diameter of the larger end of the bottle stopper. He indicated that the current measurement of bottle stoppers are 13/16 inches in diameter. Then a dowel rod was inserted into the 3/8 inch hole with bottle stopper cork in position. He glued up the cork and dowel rod with CA glue. Some members asked why he could not just use the dowel rod and put that in the drill chuck. His response was that there have been to many times when he has broken off the dowel and that caused him to redrill the blank and try to return the piece. He found this method to be almost foolproof.

Marty's method of sanding his small pieces is to use some smaller sandpaper pieces and moving from 150 grit to around 400 grit.

Then he went to some 3M sanding pads. He indicated that they can be purchased from any auto parts store for a very reasonable price. The following comparisons should be made when considering the use of these 3M pads:

Coarse...green...steel wool equivalent = 0....sandpaper equiv. = 120 grit

Medium...maroon...steel wool equiv. = 00.....sandpaper equiv = 180 - 220 grit

Fine.....gray.....steel wool equiv = 000.....sandpaper equiv = 280 - 320 grit

X-Fine white.....steel wool equiv = 0000 ....sandpaper equiv = 400 - 600 and higher grit.

As in all his smaller projects he uses Hut Crystal Coat as the finish of choice. This is made up of shellac and caruba waxes. It is a fast drying finish, due to the alcohol and when buffed it will produce a brilliant shine.

Marty's last project consisted of making a hollow Christmas ornament. He rounded off the turning blank with a roughing gouge and then proceeded to shape the globe with a spindle gouge. When he had the exterior shape as desired, he sanded with the method described above and prepared to put on the finish. His reason to finish at this time is that it was sanded and finished with the tailstock live center still in position for stability.

Then when this step was complete, he removed the live center from the tailstock and inserted a 3/8 inch drill. He drilled a hole through the center of the globe to a depth that is about 1/8 to 1/4 inch short of where the top of the globe will be. He used a simple depth gauge designed with a dowel rod through a 3/4" square X 6 inch piece of wood. The dowel rod can be extended through the piece of wood to measure the depth of the hole. This hole depth is used as a gauge in determining how deep one wants to turn the shape of the interior of the globe. Marty used a 1/4" square turning tool to hollow out the center of the globe. The end of the tool was squared off with a 10 degree bevel

grind and rounded off at the bottom left corner so as to have clearance on the interior curved shape.. This tool is used for quick removal of wood from the interior of the globe to make it hollow. He also used a straw to evacuate the wood chips from the interior. When the interior of the globe was complete, he then reinserted the 3/8 inch drill bit and drilled deeper beyond the top of the globe. He left the drill at that depth and then took a parting tool, small gouge, or even a skew to cut the top of the globe from the waste area. This allowed the globe to simply pop off the blank and onto the extended drill bit. For the spindle, he used about 7 inches of 1 inch diameter stock and turned the bottom icicle. He used a Bob Rosand 3/8 inch round skew for this icicle. When the icicle was complete with proper diameter tenon, it was glued in place with CA glue. Then the top icicle or cap was turned from the remaining blank. It also was fitted to a very close tolerance and glued in place. As before, a small copper eyelet was glued in place for proper hanging.

We would like to thank Marty for an outstanding demonstration.

Respectfully submitted,  
Jerry Schaible, Sec.