



Contains November 2011 Minutes

December 2011

**PLEASE NOTE
BWWT MEETINGS ARE NOW
HELD ON THE SECOND SAT-
URDAY OF EACH MONTH BE-
GINNING AT 9:00 AM**

**BUCKEYE WOODWORKERS
AND WOODTURNERS
Nov. 12, 2011**

The regular meeting of BWWT was held on Camp Y Noah's Kastner Hall at 9:00 AM. The first order of business was to welcome all the members who attended the meeting. There were 54 people present which includes three visitors to our meeting. The three visitors were brought to the attention of the group and they were given a special welcome and encouraged to come back to future meetings.

Tom Johnson, President of BWWT, stated that we would have the annual Christmas Dinner on Dec. 10, 2011. The activities will begin at 6:30 pm at the dining hall of Camp Y Noah. The cost will be \$12.50 per person or \$25 per couple. If you wish to purchase tickets, get in contact with Tom at your earliest convenience. He requests that this be no later than Dec. 5 in order for him to make contact with the cooks.

The Annual Camp Y Noah Thanksgiving Dinner will be held on Friday, Nov. 18 at the

camp dining hall. This dinner is sponsored to show appreciation from the camp officials to those who have helped out on camp activities and projects during the year. This is to thank those individuals that belong to organizations that have sponsored work projects to benefit the camp and the young campers that attend camp activities throughout the year. Please contact Tom if you intend on coming to the dinner.

There will be a Hartville Tool Sale on Nov. 18 and 19. The store will have representatives from many different tool companies at the store to show the use of their tools and products. BWWT will have set up two lathes at our booth and we will have members demonstrating the concepts of woodturning. We will also have members talking to the crowd and passing out club brochures to interested individuals. Members are to sign up with Tom if they are interested in demonstrating a turned project. Members will be demonstrating on both days of the sale.

George Raeder indicated that he and his wife will be putting on an open house at their home to show off his wife's ceramic projects and his wood turned items. If you are interested, please contact George to let him know that you are coming. George also indicated that he has about 350 board feet of lumber that is for sale. He said that there is red oak, white oak, cherry, maple, and walnut available. The boards are from 5" to 12" wide, 4/4 and 8/4 thick, and 8 feet to 16 feet in length. Some of these boards have been stored

since 1942. The material is all rough sawn lumber and he is asking \$1.50 per board foot for the lumber. See George if you are interested.

Tom indicated that the nomination committee has developed a group of individuals to run as officers for the calendar year of 2012. The slate of officers presented were Bob Scharl for president, Bob Taylor for vice president, Tom Nellis, for treasurer, and Jerry Schaible for secretary. The membership in attendance accepted the nominations with a motion and a second. The invitation was extended to have nominations from the floor but none were made. A motion was made to close the nominations and seconded. The election of officers was held and they were voted into office by unanimous consent with no opposition.

During Show and Tell, Rick St. Clair described his unique vase and how it was turned. Dave Wells also showed his candle holder and candle that were made from Ambrosia maple. The candle was made from cherry.

Bill Seabolt, treasurer, indicated that dues will be coming up for 2012 and that they can be paid for at today's meeting. He also said that there is some HSS tool steel for sale to make turning tools. See him if you are interested in purchasing some tools bars. He also gave a financial report of current expenditures.

The name tag drawing was held and Jeff Kennedy won the prize.

The future demonstrations that will be held will be as follows:
January 2012, Hoby Horn will be demonstrating a platter.
February, 2012, George Raeder will provide a demonstration on finishing of turned projects or possibly off center turning.

A raffle was held and numerous prizes were

won by the membership.

Respectfully submitted
Jerry Schaible, Sec.

Larry McCardel
Side Grained Boxes
November 12, 2011



Larry McCardel demonstrated the turning of side grained boxes. He indicated that he acquired the idea from an article by Richard Raffan on turning this project. Larry indicated that he has turned quite a few of these boxes and those that have seen them have been very impressed.

To begin, Larry indicated that one should check over their lathe to make sure that it is in good running condition. This means that one should look at his tailstock and see that all the parts are present to tighten down a secure ball bearing tailstock into a wood blank. He said that one should also make sure that their tool rest is cleaned up and a smooth surface is provided for the turning tool to slide on. If there are any rough edges or nicks in the top of the tool rest it will hinder the smooth movement of the tool shank. These rough spots can be smoothed out by

using a file and making several passes over the tool rest surface. One should also take some paraffin and rub the bed ways to make sure that the tool rest holder and tailstock slide smoothly. Sharpen all tools before you begin turning. Sharp tools will give you better cuts, reduce tear out, and a smooth surface in the wood.

Larry indicated that the stock that the blank is being cut from should be absolutely dry. He said that you do not want the project to be completely turned and then have it warp into an out of round situation. That will not be conducive to having a nice fit from the lid. He cut his blanks from a nice board that had been dried for several years. He indicated that you are to measure the width and length of the board and then cut off the amount that you will need to cut the circles from. Then use a dividers and mark out the circles and proceed to the band saw to cut them out. Larry likes to have boxes in the 3 to 4 inch diameter range.

Larry then mounts the blank on a screw chuck mounted in a scroll chuck center. He said that one should use a donut spacer plate if the box is to shallow. He indicated that you do not want to thread the screw through the bottom of the box. That error will make the blank unusable. You begin by threading the top of the box onto the screw chuck. You will then be turning the bottom of the box first. Mount the scroll chuck on the lathe. Larry also likes to use a golfing glove on his left hand to protect it from all the chips that will be flying off the turned surface. He begins the turning by using a bowl gouge for most all the turning. True up the sides of the box to begin to find good wood. Look for cracks or checks in the wood and try to eliminate them during the turning process. He likes to make the bottom edge of the box a little wider than the top opening. Between the top of the box and the bottom edge he likes a slight curved side. He said that it is more pleasing to the eye. He will then use a pull

cut along the bottom of the box to true up the base. He will make a dovetail recess in the box bottom to fit the dovetail jaws of his scroll chuck. He uses a special 3/8 inch flat nosed scraper to cut the recess. Then he takes a small parting tool with a canted edge to cut the dovetail profile on the side of the recess. He also made two very thin scribed lines inside the recess. He uses those later for printing his name and wood description as well as the date which it was completed. He will use a pencil to draw in the lines first and then cut on the lines with a sharp edged tool to make slight depressed lines in the wood bottom. Larry will then use a negative rake scraper to clean up the recess area.



The bowl gouge will be used to refine the box sides. He will lower the handle of the bowl gouge and use the side of the fingernail grind to take very fine shavings off the sides of the box. This will provide for a very clean smooth surface. Larry will then cut two very thin beads along the bottom edge of the box. One of the beads will be slightly larger than the other. The larger bead will be the lower of the two beads. Larry will also use the negative rake scraper on the sides of the box to get a very smooth surface. He indicated that he made the negative rake scraper from an old Craftsman tool to fit his needs. Larry will then use sandpaper to further refine the surface of the box. He will sand the sides and bottom including the recess to get a beautiful surface

to finish. He will start with 180 grit paper and move through the other grits of 220-320 and 400 grit paper. Sometimes he likes to use a small pad made from carpet padding for a sanding block. He noticed that it will not get as hot on his fingers. When concluding the turning, he will take a straight edge and span across the bottom of the box to make certain that the foot is proud of the recess area and any raised areas or decorations that are in that recess area.

Now remove the turned blank from the screw chuck. Remove the screw chuck from the scroll chuck. Reverse the turned blank in the chuck and using the dovetail jaws, seat the jaws into the dovetail recess of the bottom of the box. Face off the top of the box blank with a bowl gouge using a pull cut. After the top has been trued up, then hollow out the interior of the box with the bowl gouge. The walls should be about $\frac{1}{4}$ " thick. Measure the interior depth often to make sure that you are not turning though the bottom and have a donut sculpture. This can be done by measuring the overall height of the box and subtract the recess that was turned earlier. Then measure the interior depth and subtract that from the previous number and that result should be the bottom thickness. If the bottom is too thick, then make small continuous cuts until you reach the desired thickness.

Larry warns at this point that 5 very light cuts are much better than one aggressive cut. If the cut is too aggressive, you may cut through the bottom thickness. If there are any nubs remaining in the center bottom of the piece, then these can easily be removed by placing the tool under the nub and lifting the cutting surface upward to remove it. Larry likes to make a small curve on the top edge of the box so that it fits neatly into the small rim of the lid. Sand the interior of the box through the grits of 180-220-320-400 sandpaper.

The lid blank is cut from the same thickness

of wood that the bottom was cut from. This would be a board that is about 3 inches thick and about 5 inches in width. He uses a face plate and attaches a waste block on which he uses double faced tape to attach the blank for the lid. He claims that this is a very strong hold and that one usually needs a chisel to remove the blank after it has been turned. Larry will then true up the face and also true up the sides of the blank. He then will begin to hollow out the lid interior and strive to make a dome interior shape inside the lid. He will also cut a dovetail inside the lid that he will use for attaching the lid to the scroll chuck when reversed. This dovetail recess will be $\frac{1}{8}$ " or less and more like $\frac{1}{16}$ of an inch.



This dovetail adds to the interior design of the dome shape. Measure the interior diameter of the box bottom interior opening and mark off this measurement on the domed lid. Use 4 or 5 cuts to cut the recess for the box bottom in the lid. This cut should result in a sloppy fit. This is so that the lid and box bottom do not get stuck in high humidity weather. Humid weather will cause wood to swell and not fit properly. Refine the cuts on the dome to desired shape. Double check the dovetail recess so that it will fit the scroll chuck. Make sure that the box bottom fits properly into the lid. There should be enough room left over to have an overhang of the lid over the box bottom. Larry likes the overhang to be slightly larger than the beads on the bottom of the

box. Sand the interior through all the grits to 400 grit sandpaper. One could finish the interior with a gel urethane at this time. It could be wiped clean at this time for a finished surface.



Reverse the lid onto the scroll chuck. Match the exterior of the lid to the interior dome design. Take small cuts to get the proper shape desired. Here one could make a small hand hold knob at the top of the lid. One could also prepare a drilled hole into the center of the lid to accept a thin finial to be glued in position later. This could be made of a contrasting wood, if desired. Be careful of side grain chip out. Cut two beads like the box bottom beads. These can be cut onto the exterior of the lid where there is overhang over the box bottom. Sand the exterior through the grits used before. Finish on the lathe if desired with the gel finish.

Woods that can be used for this project would be cherry, maple and walnut and of course exotics of choice.

Respectfully submitted,
Jerry Schaible, Sec.

Thank you to Bob Scharl and Darrell Dube for the pictures in this issue.
If you get any pictures at a meeting or demo I would appreciate you sending them via email to bettyt44720@yahoo.com

BWWT CLASSIFIEDS

Ryobi mini lathe with three new Sorby tools (spindle gouge, parting tool and skew). Eight used Ryobi turning tools. A Nova chuck and manuals.

Call Lucy at 440-835-1167

Calendar of Events**PLEASE NOTE**

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

There will be NO December meeting of BWWT at YMCA Camp Y-Noah.

December 10, 2011.....Christmas Dinner, at the camp dining hall at 6:30 PM. \$12.50 per person. Please contact Tom Johnson before December 4, 2011

January 2012,....Hoby Horn will be demonstrating a platter.

February, 2012..... George Raeder will provide a demonstration on finishing of turned projects or possibly off center turning.

March, 2012.....Dennis Cabell from Sterling Heights, Michigan will demonstrate how to make "kitless" pens

April 2012..... Marilyn Campbell from Huron, Canada. Come of her work can be seen at her website

<http://www.marilyncampbell.ca/>

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