

BUCKEYE WOODWORKERS
AND WOODTURNERS
June 18, 2005

The regular meeting of the BWWT was called to order by V. Pres. Larry McCardel at 9:30 AM. He asked that any guests or new members to stand and identify themselves. Brian Orr, grandson of Bob Nehus, and Ted Zeiga of Medina introduced themselves. Ted had just joined our club at today's meeting.

Larry indicated that the membership in the club is now approaching 100 members. He encouraged membership in our club and stated the dues were set at \$20 for our local club and \$40 for the national AAW organization. The magazine that the membership receives from AAW is well worth the membership dues.

Larry said that raffle tickets will be sold at the conclusion of the business meeting. He stated that they would be sold for \$2 a piece or 3 for \$5. Many members purchased the tickets for later in the program when the monthly raffle will be held. The VP indicated that there were many donations made by Hartville Hardware and Hartville Tool Company. Both businesses are located in Hartville. He encouraged our membership to patronize these business organizations.

Larry introduced Joe Smith from Northcoast Woodturners. He stated that he would be bringing us the demonstration after the club raffle.

The treasurers report was given by Lou Mineweaser. He stated that we had \$807.24 in the club treasury. Name tags for \$4 and shirts with the club logo emblazoned on the pocket are also available for \$20. He also indicated that he had notes and printouts from last month's demo, called Simple Gifts, given by Marty Chapman.

Don Karr stated that Ralph Abel sent us some brochures identifying all the tools and lumber that he had for sale. He is attempting to get out of woodworking and is willing to sell his tools. Anyone interested should get a brochure at the front desk.

Dan Greaser indicated that he needed a 3 hp or larger, single phase motor for the school in Honduras. If anyone has one available, they should contact him at their earliest convenience.

Dave Hout said that he had a standing walnut tree available to be cut down for free. If anyone is interested they are to see him for the location of the tree.

Don Mills stated that he is ready to make signs for the craft show and is seeking volunteers to help in this project. The craft show will be held in the early fall. Ralph Kubal said that they had a meeting to go over some of the areas of responsibility and design for the show. He said that there would be a demonstration area for our members to show their woodturning skills. There will be another area that will have exhibitors showing all kinds of woodworking projects for display only. A third area of the sale will be connected with club members offering their turned or woodworking projects for sale. Tables will be made available for these projects. Ralph stated that we needed a lot of participation from the members to make this a success and to educate the public of our existence and show our work.

Members were encouraged to check out the show and tell table, because there were a lot of great projects brought in this month.

Hoby Horn gave a woodturning demonstration at the Juvenile Detention Center of Portage County. He said that he was asked if we could provide a hands on activity for some of the resident students. He said that he had picked up a number of volunteers already and that he

needed a few more to fill in all the spots. These students will be from ages 14 to 17. He thought that it would be a good mentor program to the youth.

Larry indicated that there were a number of shows and symposiums available in the coming months. He said that there will be the annual AAW Symposium in Overland Park, Kansas. Registration blanks are available. There will be an Instant Gallery available for members to bring in their work and show it. The dates are July 22 to 24. The other symposiums will be held by the Cincinnati Woodworkers Guild, The Georgia Woodturners, and the Australia Woodturners. This information is available on the club bulletin boards.

The membership was informed that William "Tom" Tuck died recently. He was a member of our club as well as the Tree City Carving Club in Kent. A sympathy card was sent to the family. Gary Lansinger indicated that he would check on Miles Zitek, to see how he was doing.

The VP wanted to encourage members to begin turning their Christmas ornaments, even during the summer time. These ornaments will be donated to Childrens Hospital of Akron to benefit their medical facility. More turning sessions for Christmas ornaments are planned in the very near future. Members are encouraged to attend these sessions to help participate in this project. Dr. Gary Neihaus is chairman of this activity.

There was a proposal presented to the membership that we start our meetings earlier in the morning so that we can leave more time for the demonstrations later in the morning. The proposal that was offered was that we start we have a business meeting from 9 to 10 AM, a rest break and raffle from 10 to 10:30, and then the demonstration at the end of the meeting. Discussion centered on the fact that we have members that come from quite a distance and that it would make a hardship on their arrival.

Some members suggested that the executive committee should make many of the decisions for the club in their meeting and just tell the membership what decision was reached. Major issues and money items should be brought to the membership for a vote.

A vote was taken on the motion for a time change and it was soundly defeated. The meetings will be held as usual at 9:30 AM on the third Sat of the month.

The AAW, in conjunction with Oneway and Nova / Teknatool Corporations, will make available to the club, many chucks and accessories at around a 40% discount. This offer is too good to pass up and so we will be placing an order in the near future.

North Coast Woodturners have lost one of the new lathes that they purchased before it was even out of the box. This concern has prompted our VP to ask if we should find a door for the lathe room and have it locked between monthly sessions. It was noted that there might be quite a few people that have access to the building and our equipment is left in a vulnerable state. One member suggested that we get a long chain and chain all the lathes together to offer some type of security. The executive committee will check into the purchase of a used door to place in the opening.

Larry indicated that we now have a first aid kit available in the lathe room, if anyone needs it.

A member made a motion that the meeting be concluded and it passed.

Jim Bohmer will be next months demonstrator and his topic will be Chucking Techniques.

The raffle was held and it brought in \$221 for the club treasury. We are very grateful to Hartville Hardware and Hartville Tool Company for their contributions to this months raffle.

Joe Smith Demo....."Finishing with Danish Oil"

To begin the demonstration, Joe described his technique on turning platters and then preparing them for carving, finish sanding and application of Danish Oil, as the preferred finish. He prefers to use bowl blanks that are 2 1/2 to 3 inches thick in order to get the proper depth and relief that he desires. He said that the first thing that he does is to drill with a Forstner bit into the bottom of the piece to make a recessed opening to accept the chuck. He said that he prefers to use the chuck from the inside out or internal mounting of the chuck. This would give one the opportunity to turn the wood right up to the chuck and have complete control. He uses a set of calipers to determine the depth of the platter so that he can gauge his turning depth and not proceed through the bottom of the bowl. His first technique is to true up the edge and then create the lip of the platter. He uses a 3/8 inch bowl gouge for most of his turnings. His foremost concern is to get prepared to carve the lip with a design of his choosing. He indicated that he may have 70 hours or more in each piece. When he originated his turnings, he was only using a gouge and then sandpaper to provide the smooth feel to the wood. Later he saw someone in his woodturning group use a scraper to smooth the surface of each piece. This would give him the opportunity to use less sandpaper and start with finer grits. Now he uses a Sorby Multi Tip scraper. This amounts to a tool with a teardrop type scraper mounted to the end with a set screw. These scrapers can be removed for sharpening on a grinder. Joe felt that this tool gives him a greater amount of control over the regular Sorby scrapers. The tool tip, with its multi shaped cutting edges, will almost cover any geometric design that the woodturner creates. He holds the scraper at about a 45 degree angle and presents it to the wood to produce some very thin shavings. These fine shavings indicated to him that the surface will be extremely smooth. He indicated that the faster you can run the lathe safely, the better finish that you are going to get. When grinding, one should realize that the burr does all the cutting. He sharpens these bits on a regular grinding wheel with 80 grit or finer. He uses the Wolverine jig mounting shelf to lay the edge on, As to the types of wood that he uses, he thinks that the ginko tree provides some very nice pieces, very soft and nice to turn. He also turns mahogany as well as big leaf maple burl which grows in the extreme northwestern part of the U.S.

As for design, Joe prefers the open form bowl. He indicated that it is much easier to develop this style of platter. Next he likes to create the closed form, where he develops an under cut rim. He stated that the end grain is tough to complete on the inside of each piece. He carves the top rims by putting the chuck with the mounted piece in a bench vise and then he turns the inside or undercuts the rim after the carving is complete. When sanding, Joe will use a Milwaukee 55 degree angle sander and the Power Lock Flex Edge sanding system. He uses the sanding discs with soft pads for then inside of the piece and the regular sanding discs for the outside design. He also will use a scouring pad for some woods and get the desired finish. Some of these pads are made by 3M Corporation. Packard Supply, 101 Miller Road, Tryon, North Carolina; 28782, www.packardwoodworks.com, 1-800-683-8876, carries all the accessories for sanding. He also will order his sanding supplies from Klingspor's Woodworking Shop, 1-800-228-0000 or www.woodworkingshop.com. He indicated that for salad bowls, one desires a quick finish and therefore it does not take very long on sanding preparation. When constructing a bowl or platter for display, great care must be taken to prepare the piece to museum or gallery quality.

Originally Joe used Behlens Danish Oil finish but now has focused on a Danish Oil made by General Finish. He prefers the Danish Oil finish because it soaks into the wood and hardens, rather than putting on a top or surface hardening finish. After all the sanding and applications of Danish Oil are complete, he will let the piece set for 3 or 4 days, possibly a week if the wood is porous, and then apply a coat or two of wax manufactured by Minwax. His sanding technique is to apply Danish Oil in a liberal manner and then create a slurry by wet sanding the finish. He will use more oil as he proceeds through each grit of sandpaper. To be more specific he will use the following steps until the piece is completely finished:

1. Using the Power Lock Flex sanding equipment, he will start with 120 grit with sanding pad and sand the interior of the bowl without any Danish Oil..
2. He will move up to the 180 grit sanding wheels and sand the surface, again without Danish Oil and just the bare wood.
3. This step is designed to sand the end grain on the inside and outside of the piece. He may lock the spindle and hand sand the areas where there is particular difficulty with this end grain.
4. This step is dedicated to sanding with 220 grit and then 320 grit paper on bare wood. He will sand with the lathe speed at around 1000 RPM. He indicated that anything above 1200 RPM, you will start to create heat or stress cracks in the wood.
5. He will apply Danish Oil on this step and use wet/dry 400 grit sandpaper to create a slurry to fill in the pores of the wood. He may reverse the lathe to sand off the fine wood fibers that might remain.
6. Add more oil at each step of sandpaper changes. He will use successively finer grits of paper, until the last grit used will be 2500 grit paper.
7. By the time you have worked through all the grits of paper, you will have applied 10 or more coats of finish. At each step along the way, the heat generated by the sanding process will help cure the oil.
8. At this point he will wipe the piece with a dry rag while the lathe is turning to provide heat and a burnishing effect on the wood. He may reapply some oil with a wet rag and then come back with a dry rag to wipe up the excess oil. The use of a dry rag will also provide a buffing advantage out the piece. He does not machine buff the piece when finished.
9. Watch for bleed back of the oil from the pores of the wood. Look at it every couple of hours and wipe clean.
10. Never make a piece that you cannot re-chuck to repair some damage to the wood or the finish, like water spots.

He currently uses a Nova DVR 3000 lathe. For his carving experiences, he uses the Swiss made Pfeil tools. He also uses the Foreman power tools and the industrial Pro Arbotech. Joe has recommended several books that would be of significant help to novice turners. They are "Turned Bowl Design" by Richard Raffan. This book has numerous profiles of bowl designs and one can copy them or make a template to guide the user to the correct shapes. Joe uses 1/4 inch hardboard for his profiles. Another book that is very helpful is "500 Wood Bowls" that sells for about \$10. Another book is "Letter Carving in Wood" by Chris Pye.

Joe emphasized that you cannot substitute good significant time on a lathe. Joe has been turning wood for approximately 4 years and carving his platters for about one year.

Respectfully submitted
Jerry Schaible, Sec.