



Contains March, 2014 Minutes

April 2014

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 March 8, 2014

Bill Seabolt, Pres. of BWWT, welcomed everyone to the March meeting. He asked if any visitors were present and they stood and identified themselves. There were a total of eight visitors to our meeting.

Bill presented Bob Taylor with a card of appreciation and a gift certificate to Hartville Hardware. Bob had been president of BWWT during the 2013 season. As is customary with our club, a turned pen is given to the outgoing president as appreciation for his services for the past year. Bob is probably noted as the premier pen turner of our organization and another pen in his possession would probably not hold a very high value commensurate with our appreciation for his services during the past year. So this gift will allow Bob to select a tool or accessory of his choice for use on future turning projects.

Bill informed the members of BWWT, that according to the executive committee, there was a request to change the bylaws of our club. He sought a motion from the membership to change Article 9, which allowed for discretionary spending up to an

amount of \$200 per occurrence. He stated that this was done at the time when our treasury balance was of limited balances and now we have significant balances to cover the committee purchases. Article 12 in the bylaws indicates that a proposed change in the bylaws must be made known to the membership one month prior to the vote being taken. An email will be sent out to every member to identify this change during the month that the proposal was made and when the vote will be taken. The executive committee would like the discretionary spending amount to be at \$500 per occurrence. The committee cited that equipment purchases were more expensive now due to inflation over the past years. Some initiatives, like the "payback to the members" program will require several purchases throughout the calendar year. Other purchases in the video framework / program will cost more than the current spending limit. It was noted by Bill that bringing this to the membership for debate each time a purchase was made would take time away from the demonstrator of the morning and it would not be fair to them. The vote will be taken at the April meeting on this proposal.

Bill Seabolt, Pres., wanted to single out members that have contributed significantly to our club over the years to identify to the membership what they have done. Bill mentioned that all too often, the contributions by these individuals goes unnoticed by the rest of the membership. Ben Fix was called to the front of the room to be recognized. Bill mentioned that his service to our club has been invaluable to the running of the club. Ben has been a V. Pres., President, advisor to the Executive Comm., director of educational training for the Hands On program several times during the year, director of the summer woodturning classes for the camp youths, sending out all emails to the membership when needed, responsible for the Show and Tell tables and photographing all the wood turned projects. Ben also helped on the summer work projects for Camp Y Noah as payback to the camp for allowing us to use the meeting hall, volunteers for many other projects continuously when needed, he also drafted the bylaws for BWWT while on vacation, because it

was a job that had to get done. Ben received a card of appreciation and a gift certificate for his continued service.

Phil Brower was called before the membership to be recognized for his efforts in providing service and help to the club over the years. Phil has actively volunteered for many projects taken on by the club. He served over the years in many capacities, such as V. Pres., President, advisor to the club, volunteered to make coffee long after his official position required it, hauling water from the great city of Stow, volunteered for yearly projects for Camp Y Noah that BWWT worked on, he purchased flat cherry boards and cut pen blanks out of the boards, drilled holes and glued brass barrels into the blanks for pens to be used during the summer youth wood turning classes on Wed. night and never requested payment for materials, he created complete kits for ease of distribution to the campers, he has constantly taken care of updated needs for our tools and accessories owned by the club, purchased numerous dovetail jaws for our scroll chucks, he has ordered and purchased tool steel several times per year for the treasurer to resell to the membership, became membership administrator and create the membership list for our club over the last several years. In appreciation for his invaluable service to the club, Phil received a card of appreciation and a gift certificate to be used at his discretion.

Bill reminded the membership that we have a professional turner coming to BWWT on April 5, at 9:30 AM. Nick Agar is from England and will be in NE Ohio at that time and we were able to enlist him to speak to our group. The membership is reminded that this will be an all day session and it is a MEMBERS ONLY event. Those who are not members may pay their dues of \$25 that morning and attend the session. The reason for the members only requirement is that we have limited seating and capacity. It was recognized that members needed to bring a sack lunch to the session because there would not be enough time to go out and get lunch off camp grounds.

The name tag drawing was completed and Cooper Wrobel was the winner.

The Show and Tell drawings were done and Marty Chapman showed his medium sized maple vase that was hollowed out and then he used pyrography to enhance the piece. He had some painted leaves in artistic positions surrounding the vase. He also used a Dremel type tool and carved some unique lines in the sidewalls. Tom Nellis was chosen to show off his teardrop lidded box. He made it out of African black-

wood. Tom said that it cut very smoothly and he was able to get a very nice finish on it. He used a CA finish on the piece.

Mark Stransky, treasurer, gave the financial report to the membership. He also indicated that we had tool steel for sale at his desk. If members were going to participate at the hands on activity later in the afternoon, then they needed to purchase their tool steel in the mornings meeting. He also gave a report on the current state of insurance coverage for our club. He indicated that we currently carried a liability policy only from AAW and it cost the club \$425 per year. He indicated that he shopped around and found a liability and property damage coverage for \$475 per year and that would cover theft and damage. This was more than the current \$200 allowed for discretionary spending, so the Exec. Comm. was bringing the issue to the membership for approval. Bob Taylor made a motion to purchase the insurance from State Farm for \$475. Tom Nellis seconded the motion and a vote was taken. The vote passed by unanimous consent in favor of the purchase.

Mark also pointed out that if members would like to purchase shirts with the club logo, they could purchase the shirt themselves and have the logo sewn on by Game Day Sportswear. Mark indicated that he had places where the shirts could be purchased. The other option would be to purchase one of the shirts from Game Day and have them emblazon the emblem in place. Ray Marr indicated that he would take any shirts to Game Day if \$15 is paid in advance for the stitching. The address of Game Day is as follows....Game Day Sportswear, 951 West Nimisila Road, Akron, Ohio, 44319 or call them at 330-882-4002.

Bob Taylor noted that since we do not pay rent for the use of the lodge meetings, we try to do things for the camp to help pay something back to them. This is done in work projects for the camp or several small projects. Bob indicated that we need about 100 Harry Potter wands to be turned for the campers in the coming months. They will have a special activity for their use. He indicated that these need to be about 12" to 15" long and that if every woodturner in our group made 2 of them, we would probably have enough for the camp needs. They can be turned from 5/8" to 3/4" dowel rods. They can be wood burned, colored, and with beads and coves. They can be unfinished or finished as desired. All different designs are allowed. Contact Bob Taylor if you would like to contribute your finished wands.

George Raeder stated that we will have showing of wood turned objects at the Wayne County For the Arts again this year. George stated that he will have forms

available for the members. See him during the meeting to get your number for the entry blank. The bowl division and the platter division will be broken down into two sub categories. Each will be divided into a plain bowl or platter and a decorated bowl or platter. The decorated division of bowls and platters can be carving, texturing, painting, air brushed, or wood burning designs. This gives members additional criteria to submit their pieces into.

Marty Chapman indicated that there will be a Minerva Art Fest again this year. He said that it would be combined with the Jazz Fest. It will be held on May 30 and 31 on the main street in Minerva. There will be seven locations for wood turners. He will bring a signup sheet in April for individuals to record their intentions. It was a great time last year.

Respectfully Submitted
Jerry Schaible, Sec.

Dave Hout Wood Stabilization March 8, 2014



Dave Hout was introduced to the membership by Ben Fix, education administrator. Ben stated that Dave was responsible for creating and maintaining interest in woodturning and woodworking clubs in Summit and Portage counties since the 1980s. Dave was a former teacher and administrator for the Coventry Schools in Summit County. He was also a con-

sultant to the Hartville Hardware Store in Hartville, Ohio. He has lectured and demonstrated at numerous woodturning symposiums throughout the United States. He was also on the Board of Directors of AAW for several years. He is currently part owner of the Stick Fast label of products for use in woodturning.

Dave indicated that he would concentrate on a discussion of stabilizing pen blanks and up to 2 ½" square by 6 inch blanks. He stated that pen blanks are the easiest to stabilize because they are smaller and take less time to impregnate the resin into the wood as opposed to larger turning blocks which take much longer. He gave the time to heat up pen blanks at around 9 minutes or a little more as opposed to 2 ½ inch blocks that may take up to 3 hours to heat. He stated that each piece of wood is different. Some woods are soft and others are hard and dense and each takes different amounts of resin and processing. Some turning blanks are solid and others may have some decayed areas. And again it will take different amounts of resin.

Dave stated that this process is used by the auto industry in all their cast aluminum parts, including the engine blocks. He said that because people check their oil on a limited basis, this process of impregnating the resin into the metal castings, gave more protection to the engine. He said that it takes about 9 minutes to impregnate an engine block with resin. Extremely large vats are used and are built in a very solid manner because of the vacuum that must be pulled to complete the process. The vacuum chamber for engine blocks are huge because they take a lot of room. He stated that all manufacturers use this same process. The auto industry uses thousands of gallons of this resin. The process is the same as used in pen blanks. You will need a vacuum chamber for the pen blanks or the engine blocks to remove the air from the piece, a resin to replace the air, and a heat source to cure the process. In dealing with wood, this will not be an exact science since there are so many variables. He said that you will need about 600 psi on his units. The small chambers are less critical and are great for pen makers. One probably does not want to do bowl blanks since it will take so much resin and so long to heat cure the block. It takes approximately 1 ½ gallons of resin to do one bowl blank. The resin sells for about \$100 per gallon and therefore would be cost prohibitive for a bowl. One would have more money in the process than the finished bowl would be worth.

1. The process begins by placing the wood in the chamber. This could be several pen blanks or a larger turning blank.
2. Then he placed an anti float disc on top of the wood and secured to the sides of the metal cham-



ber. The main purpose of disc is to prevent the wood from floating to the top of resin bath and remain submerged, once the resin is poured into the chamber. This anti float disc has open holes in the metal plate to allow resin to flow through it and onto the wood blanks. The vacuum process takes as little as 45 minutes and as long 1 ½ hours for pen blanks. Dense wood blanks take less resin than soft woods which take more.



3. After the anti float disc has been lodged in place, then one is to mix the resin with the catalyst and pour the mixture on the pen blanks. One can mix the resin ahead of time and set it aside for future use. It should be good in mixed form for about one year. If the mixture is stored in a hot metal building, it may congeal sooner and be lost.

4. Place the lid on the stainless steel canister. There is a seal on the outside of the lid and around the top of the container. This is to provide a vacuum seal between the two parts.



5. Use a vacuum generator to provide the vacuum. This generator is used in conjunction with an air compressor of sufficient capacity to provide a constant vacuum in the chamber.

6. Hook up the hoses to the canister lid which has threaded fittings for the connections.

7. Bubbles will rise in the resin as the process is working to exchange resin for the air in the wood. If foaming occurs, then too much vacuum is present.

8. When the bubbles have stopped then the process is complete. Please note that a vacuum is used to pull resin into the wood, rather than using pressure to force resin into the wood. The resin is completely water soluble and clean up is with soap and water. The wood needs to be relatively dry. If the wood is too wet, then the resin will be diluted. You generally need wood to be under 20% moisture content. In Ohio, we have a moisture content in wood that is from 10% to 16% moisture. In Utah, the moisture content of wood is between 8% to 9%. In Ohio, the loggers will air dry wood down to 20%, then kiln dry it to 8% and bring it back out to the air and it will become stable at around 12%. This will vary due to a dry summer or very wet winter season.

9. Pour off the resin that is remaining in the vacuum chamber and save. It can be used again for another process.

10. The pen blanks that are in the bottom are wet from the process. Turn on the vacuum again to pull the wet back into the blank.

11. Roll the blanks into the aluminum foil to get individually wrapped pieces. If the blanks are rolled together as in a brick form, then the inner blanks will not get cured.

12. Use the oven in the kitchen or purchase a toaster oven for around \$30 for the curing process. The more pieces or pen blanks that you put in the oven, the longer the curing process will take. Look at one piece and see if it has crystallized. The toaster oven should be set at 200 degrees for about 9 minutes or maybe a few more minutes. Do not over bake. The temp should be 195 to 200 degrees. Going higher in the temperature will not work. The 2 ½ inch pieces will take up to 3 hours. Vacuum bags used for veneering processes can also be used for larger turning blanks. It should be noted that one can save some money on the resin used in bowl blanks. One can first rough turn a bowl and then resin impregnate the piece and later re-turn it to final form. This way the resin is going into the wall of the bowl and not the complete bowl blank.

A question occurred as to whether sanding a resin stabilized turning is a hazard. Dave indicated that those that have tried this process have claimed that there is no danger from the sanding dust. Dave said that he is not yet convinced that is true. He emphasized that all sanding dust precautions should be taken with the use of masks and other dust collection systems. He said that he is also not sure that wood burning smoke might be toxic. Again he requested that proper precautions should be taken by the wood turner.

Dave noted that the woods can be colored to provide a more artistic effect in the piece. He said that different woods will take the dye differently. Some woods will appear to have intense color while others may be somewhat bland in appearance. The dye that is not used can be reused for another project. He said that the color will go through the entire piece of wood and not just be colored on the surface of the piece. He said that an alcohol based aniline dye is what it is used. He said that one should please note that the higher the alcohol content in the dye, the faster the piece will dry. Dave mentioned that for an average piece of wood that is cut from a tree, it will take several years for a 2 ½ inch piece to dry out naturally. With a piece that has been impregnated with alcohol, it will take about 3 days to become dry. Alcohol mixes readily with water.

Respectfully submitted
Jerry Schaible, Sec.

Dave Hout CA Finish March 8, 2014

Dave Hout presented a finishing process that can be used on pen blanks after they have been turned using the very popular CA glue that is available in most hardware stores. Dave used the Stick Fast brand, because it is readily available at Hartville Hardware. He indicated that one should first turn the barrel of the pen to a finished surface. For the demo, he turned a pen blank down to a normal straight barrel used for pens. He sanded it with 150 grit paper. Then he sanded with the grain to remove any sanding lines or marks. He said that in some of the sanding papers that are out there, you will get some wild grit that stands proud or higher than the surrounding grit and that is what leaves the circular marks on the pen blanks. By sanding with the grain, it will remove those lines. Then he sanded with 240 grit and finally 280 grit. After the sand paper grit had been thoroughly removed, he used some 3M non-woven sanding pads. These sanding pads can be purchased at any auto parts store locally. The first color pad he used was the green pad, then came finer pads in no. 2 red, no.3 gray and finally no.4 grit, white. He said that it is imperative to get the wood surface to final finish with no sanding marks. I



It should be noted that he used some tapered polyester bushings to hold the pen barrel in place. These were used because the CA glue will not stick to the surfaces of the polyester bushings. If wood or metal bushings are used, then you may very easily glue the bushing to the pen barrel and have a very difficult time separating the two from the barrel. It should be noted that Acetal or Delron are trade names for these polyester bushings.

To apply the CA glue, Dave used a craft foam of 1/32 or 1/16" thickness. He said that this comes in large sheets and is very reasonable. He cuts small pads to apply the glue to the pen blanks. He said that the CA glue will not stick to the pads and they can be easily cleaned to be used another time. He stated that they last a long time. If you use paper towels, then they will actually soak up the finish rather than applying it to the pen blank....."that is what paper towels are supposed to do", stated Dave. His steps for application are...

[A.] Use a first layer of thin CA glue for a sealer. This can be wiped on with the applicator mentioned above and then spray lightly with the accelerator to complete the drying process and set up quickly.



[B.] Use medium CA glue for the rest of the coats. I warned that one should not put it on too thick. He emphasized that one should use thin coats or it will not dry effectively. After the first coat of medium CA glue is applied then you should hit it with a light spray of accelerator for speedy drying. Then apply another coat and use the same process to dry it with accelerator. He said that one should use 4 or 5 coats of CA glue to get the finish that you are seeking. If you get any crazing, then the coats that you are applying are too thick. Look for any dull spots. If these are found, then you will have an uneven surface when finished. You should use 240 grit sanding paper to remove the uneven surface on the pen barrel. Do not sand through to the wood or you will have to start over in the sanding process.



[C.] Sand with non woven pads from 3M. Go through the grits of green, red, gray and then white. Look for the perfect finish surface.

[D.] Polish the finished surface. Use blue shop towels and apply the polish. Wet the surfaces and then use any part of the dry towel to polish the finish. You can use a satin or a gloss polish. One can also use both....one after the other. Use about 1000 RPM on the lathe as your buffing speed.

Dave was asked several questions in the Q and A session after the demo had concluded.

1. Can an oil finish be used under the CA glue? Dave stated that CA will stick to almost everything. However, the oil finish will not be a gloss finish that you would get with the polished CA.
2. How long will CA finish last? Dave indicated that it would last a very long time as opposed to the HUT shellac and other wax finishes.
3. Can you use the CA finish on larger pieces? Yes, you can use it on bottle stoppers and even peppermills. You should drizzle it on lightly to put on thin coats.

It should be noted that the CA finish can be purchased at Hartville Hardware in kit form with all the application items included to acquire a beautiful finish.

Respectfully submitted
Jerry Schaible, Sec.

PICTURES WERE SUBMITTED THIS MONTH BY DARRELL DUBE

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

BWWT CLASSIFIEDS

Shopsmith bandsaw with "Carter" guides mounted on a power station.

Shopsmith strip sander also mounted on a power station.

Shopsmith power station for sale at very good prices. If interested contact Tom Hogarth at (330) 467-7202

COMEDY CORNER

A widower who never paid any attention to his wife while she was alive now found himself missing her desperately. He went to a psychic to see if he could contact his late wife. The psychic went into a trance. A strange breeze wafted through the darkened room, and suddenly, the man heard the unmistakable voice of his dearly departed wife. "Honey!" he cried. "Is that you?" "Yes, my husband." "Are you happy?" "Yes, my husband." "Happier than you were with me?" "Yes, my husband." "Then Heaven must be an amazing place!" "I'm not in Heaven, dear."

A man awoke one evening to discover prowlers in his storage shed. He immediately called 911, gave his address, to report the prowlers and possible burglary. The operator

at the other end said "Are they in your house?" He said they were not, only in his storage shed in back of the house. The operator said there were no cars available at that time. He thanked the operator, hung up the phone and counted to 30 and called again. "I just called you about prowlers in my storage shed. Well you do not have to worry, as I just shot them all dead!" Within seconds there were 3 police cars, an ambulance and fire engine at the scene. After capturing the prowlers red-handed, the policeman asked the caller, "I thought you said you had shot them all!" The man answered, "I thought you said there were no police available!"

Question: What do you call a dog with no front or back legs?

Answer: He's not going to come -- why waste your time?

Computers are like air conditioners. They work fine until you start opening windows.

2:00 a.m. and the street was deserted, so as the man pulls up to the red light he looks around all ways and seeing no one he rolls on through it. He is pulled over and he says to the cop really officer? No one is around I slowed down and looked, nobody was coming so I just went. No harm done. The officer said I can show you the difference very easily, step out of the car please, and maybe you won't get a ticket. Willingly he stepped out and the officer proceeds to beat him with his night stick, and says "Now sir would you like me to slow down.. or stop."

Calendar of Events

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

NOTICE DATE CHANGE

April 5, 2014.... Nick Agar from England
MEMBERS ONLY

May 10, 2014.....Marty Chapman will demo
 basic bowl turning

June 14, 2014.... Annual Club outing/picnic
 at Doll Lumber in Southington, Ohio. More
 details to come.

July 12, 2014.... Annual Club auction at
 Camp Y-Noah's day camp pavilion on
 Christman Road

August 9, 2014....Richard Rohr will demo
 how to make a "pull string" top

September 13, 2014....Joe Herrmann

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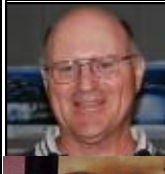
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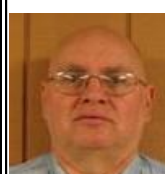
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