



Contains February 2009 Minutes

March 2009



Surface Treatments and Dyes

George Raeder

Feb. 21, 2009

George Raeder began his discussion of surface treatments and dyes by showing some of the final results that can be accomplished by the use of dyes and staining techniques. He showed some of his platters that were in the 15 inch to 22 inch range and of unique beauty and design.

George indicated that he uses two different kinds of dyes or stains for his work. He uses a Behlen's Alcohol Stain from Woodcraft Stores that usually retails for around \$12 per bottle. He also uses Artisan Stains from Craft Supply in Utah. That particular product comes in 6 different colors and usually sells for \$6 per bottle. He stressed that a bottle of

this dye will usually last a lifetime, because only small amounts are needed for each turned piece. As a finish for over the dyes, he will use a liming wax that is white in color for each turned piece. As a finish for over the dyes, he will use a liming wax that is white in color and a black wax to bring out the highlights of the grain patterns. This product is made by Bison and can be purchased from either Craft Supply or Packard Woodturning Supplies for about \$22 to \$23 per can. He said that you would need some denatured alcohol and possibly some Behlen's Danish Oil finish.

In preparation of the turned platter, George said that he sands the wood to 800 grit finish



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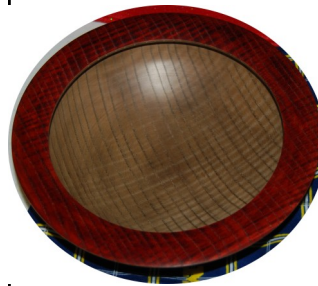
paper. He starts out with the following grits: 150, 220, 320, 400, and 600. He uses those grits to sand while the platter is still on the lathe. He creates his sanding steps in the following manner: He will begin using the 150 grit and turn on the lathe at a slow speed. This is to prevent excess heat build up and possibly cause surface checking. His sanding marks will then become concentric circles. In his next grit selection of 220 sanding paper, he will power sand the platter, with the lathe on. This will leave sanding marks that are perpendicular to the direction of the previous grit, and therefore cancel out the circular grit pattern. His third application will be 320 grit and he will go back to hand sanding with the lathe on and this circular motion of the lathe will offset the power sanding marks of 220 grit. He will follow with a 400 grit paper in a power sanding mode and then finish with a 600 grit in the circular motion of the lathe. Then he will remove the platter and finish hand sanding with the grain direction, using the 800 grit. You need to sand deep enough with the following grit to remove the previous sanding marks.

To apply the dyes, he will put on some rubber gloves to provide for a cleaner environment. He uses Bounty paper towels because it has a slight grit to the texture. George indicated that you need to work quickly since the alcohol will evaporate. He said that you have to constantly watch for blotching or darkened spots. The dye is applied and rubbed into the surface of the turned piece. He was able to control the color of the dye by how hard he rubbed the surface. The harder you rub the surface the lighter the color will be. All efforts are considered to be a trial and error process. He indicated that the dye works best on woods like ash, sassafras, and oak, since they have porous grain patterns. After the dye has been added, then the piece should be set aside to dry. You can rub the dye with the Bounty paper towels or you can provide a

more aggressive approach with the use of 0000 steel wool. This may cut through the dye or stain. He generally uses a circular motion when applying the dye and the rub off technique.

After the color dried, you can add the liming wax or black wax to a finished look. Push the wax into all the grain pores. Let wax dry for a few minutes and then wipe off wax to get a thin layer of finish. George uses a Bounty towel to buff off the wax. This could be the only finish that is used and the platter could be ready for presentation. For another finishing style, George will also use Behlen's Danish oil over the dyed surface. In the particular piece that he had on display, he used an Artisan dye on maple and then used the Danish oil. He puts on 3 coats of Danish oil and allows one day of drying time between each coat. Danish oil has a tendency to bring out the highlights of curly maple and other figured woods by providing a deeper chatoyance or reflective light values.

Respectfully submitted
Jerry Schaible, Sec.



Editors note

Georges platters were nice and round, the camera angle has caused the distortion.

BUCKEYE WOODWORKERS
AND WOODTURNERS
Feb. 21, 2009

The meeting of BWWT was called to order by VP Bill Stone. He welcomed everyone to the meeting and hoped that they would have a good learning experience. He indicated that Jim Brown was ill and would not be at the meeting. There were a total of 54 individuals present at the meeting.

Bill mentioned that our AAW Grant request was submitted in January and at this point, we have not heard about the final results of their decision. This grant was submitted for the purchase of AV equipment to enhance our demos so that the membership will be able to get a clearer picture of the woodturning techniques of our demonstrators. This decision should be made available sometime this spring.

The BWWT is currently demonstrating at Hartville Hardware tool sale in Hartville Ohio. It was reported that the Hartville supervisors have been very impressed with the turnout of customers at our demonstration booth. It was reported that we had a constant stream of observers and many questions were asked of our members. Hartville Hardware is a major contributor to our monthly raffle.

Bill gave a summary of the future 2009 programs and demonstrations that will be held at our club. They are as follows:

March.....Demonstration on pen turning
April.....Howard Lorson on making stringed tops

May.....Ben Fix on turned tops and toys....and a trip to the Warther Carving Museum.

June.....Field trip to Doll Lumber, plus demonstration on bowls.

July.....Annual club auction

August.....Professional woodturner

Sept.....Professional woodturner, Cindy Drozda from Colorado
Oct. and Nov. ..To be announced
Dec.....Annual Christmas Dinner

Bill Stone mentioned that there have been several pieces of woodturning accessories that have been missing from our tool buckets. He indicated that it seems that everyone is in to big of a hurry to leave after the Turn and Learn sessions and that we do not take due diligence in putting all tools away in the buckets. He stated that it makes no sense to purchase expensive tools and equipment and then have to replace them after a short period. We need to be more responsible in putting things back into the store room. He made the observation that the replacement expenditures could be used for purchasing new equipment and tools for the club.

Ben Fix brought up at a past meeting that we could use another Hands On turning session on kaleidoscopes. We have several members who are now quite skilled in this project and could give expert advice on the turned projects.

Hoby Horn made a motion to make a donation in the sum of \$250 to the Wayne County for the Arts show that features woodturning. We contributed to the Wooster Art Show last year and felt that it was a worth cause to pursue for our woodturning members. All members of BWWT can enter projects in at least 7 categories and possibly two additional areas this year. There will be no cost for the entries as long as the woodturner is a member of BWWT. The motion passed unanimously. George Raeder indicated that in last years show there were 176 pieces entered for judging from 45 different individuals. He stated that this years show will be held from July 9 to Aug. 26, 2009.

Bill advised the membership that the executive committee will need to be in contact with

national woodturners as far as two years in advance of when we will need them. This is due to the fact that the highly sought after professionals become booked that far in advance. In the past years we have had trouble scheduling the nationally known demonstrators for BWWT.

Bill issued a plea for the membership to help out club activities or when asked to conduct an activity. This would be a tremendous help to the organization of the club. Examples where members could assist would be at the Hartville demonstrations, set up and take down for the meetings, assist or teach a demonstration and instruct on Hands On activities.

There was some discussion of why the gate was closed at the end of the parking lot so that cars could not approach the membership meeting room. It was stated by the VP that it was YMCA policy to not allow cars to approach the camping area with automobiles. This is to insure the safety of the youth campers that are on site. We do have the ability to come into the camp by the back road and park at the bottom of the hill. More members seem to be taking advantage of that route.

Treasurer Bill Seabolt issued a treasurers report. He indicated that members are to make a donation for coffee and donuts at the meeting. He said that the amounts of money collected are barely enough to pay for the costs. He said that he is taking money for the Cindy Drozda Hands On activity in Sept. The cost will be \$100 per person for the Hands On activity. There will be two days of instruction....Sunday will be used for beginning turners and Monday for intermediate turners. The general session on Sat will be open to all members. Bill also mentioned that membership dues are being taken and individuals not paid will be taken off the membership list. Husband and wife teams will only have to pay for one membership.

Patches with the club logo are being sold for \$5. Tool steel will be ordered again and be available at the next meeting.

BWWT will have a group purchase of a circular cutter head that is used for the Hunter tool. The shafts can be made from rolled steel that can be purchased at Hartville Hardware. The group will have a design used for the shaft and then they can turn their own wood handles. The cutter can be purchased for \$17. Individuals interested in making the purchase should contact Bill Seabolt, so that the order can be sent in.

Respectfully submitted,
Jerry Schaible, Sec.



Calendar of Events

The March meeting will be at camp Y-NOAH on Saturday the 21st at 9:30 am

March.....Demonstration on pen turning
 April.....Howard Lorson on making stringed tops
 May.....Ben Fix on turned tops and toys....and a trip to the Warther Carving Museum.
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We will visit the Warther Carving Museum for a Hobo lunch and tour after our regular meeting on May 16th ,2009. The lunch will begin at 12:30 with tour following. Wives and or significant others are invited for what promises to be a very interesting and educational display. Cost for lunch and the tour is \$24.95 per person. Plan to Attend!

The Cindy Drozda demonstration will be held in Sept. 2009. There will be one day of club demonstrations by her, as well as two days of hands on activities. One of those days will be a beginner hands on while the second day will be for intermediate skill based turners. The cost will be \$100 per day for each individual. There will be no cost to members for the club demonstration on Sat. She is able to accommodate 6 to 8 members per hands on days. Members are to see Bill if they wish to participate in this activity. He is willing to take partial payment through out the year in order to pay for the \$100 tuition. Members can go to www.cindydrozda.com to see her work.

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