

Knothole News

www.greencountrywoodworkers.org



PRESIDENT'S MESSAGE



Are there other words to describe “sawdust” when it is the product of diminishing wood with a tool other than a saw? Maybe “wood chips” from some operations or “shavings” from others. But “sawdust” seems to be the frequent choice to describe the remains of the wood we work with that is other than what is left that we were working to achieve. The dust part of the description is the nasty part we need to deal with in our

everyday activities as woodworkers. Dust collection, dust separation, dust suppression, dust disposal, dust protection. So, this is a reminder that you might need to clean or replace your air filters, all of them, to get the healthiest results in your shop space. I follow the practice of putting the date on replacement air filtration filters, and continually amazed that they need replacement again. It is a more visible reminder to empty and clean my dust collection system, including shop vacs. I'm pretty sure my forgetfulness to clean shop vac filters (used with a cyclone separator) have caused me to burn up a couple of motors. Since just the finer particles make it to the filter, they can really clog up very quickly with very little dust in the bottom of the bucket. I've begun using our monthly meeting date as a reminder to clean up my act and make sure I'm getting the most from my efforts at protecting the air quality in my shop. Maybe that would work for you also. Stay safe and I look forward to seeing you this Thursday.

Bill Nay, President

THIS MONTH'S MEETING

Thursday, June 9, 2022 @ 6:30 PM

Hardesty Regional Library, Pecan Room

8316 E 93rd St, Tulsa, OK

Wood Weave Technique

Officers

President

Bill Nay 918-492-8481

Vice-President

Gregg Zumwalt 918-605-2761

Secretary

Bill Morgan 918-369-6435

Treasurer

Mike Ruttgen 701-207-0712

Club Committees

Continuing Board Member

Harold Blalock

Luncheon

Bill Morgan 918-369-6435

Membership Management

Vacant

Name Tags

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Newsletter

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Program Coordinator

Vacant

Toys / Show & Tell

Betty Zumwalt 918-249-4663

Toy Wheels & Axles

Jim Rouse 918-636-9286

Webmaster & Photographer

Arthur Barber 918-671-2437

Minutes from Last Month's Meeting by Bill Morgan

The GCWW club met on 5/12/22 at the Hardesty Branch Library. A total of 12 members were in attendance. Bill Nay called the meeting to order and several members reviewed some of the projects they've been working on.

Ray Hucek showed the latest keepsake box he has made for a granddaughter. He used bloodwood and buckeye maple. The one piece tapered corner legs demonstrated his ability to make closely controlled cuts on very small pieces.

Bill Nay showed his latest cutting board made from walnut, maple and mahogany. The board incorporates a cheese slicer which is available in kit form from Rockler.

Harold Blalock brought in a small antique chest. His wife asked him to restore the chest to its original rosewood color with bright brass hardware. Everyone agreed that that's a formidable challenge. Several members shared their experiences and offered some cautionary advice. It remains to be seen how Harold will handle the situation.

Gregg Zumwalt presented this month's program and his subject was finishing. Many of us are a little intimidated when we get to the finishing process which can either make or break the overall appearance of a project. It sometimes seems that the more you read on the subject, the more confusing it is. Gregg managed to cut through the confusion and give us the basics of his approach to finishing. As anyone who has seen Gregg's work will attest it works quite well.

For most work sanding beyond about 220 grit isn't necessary. Gregg does go to finer grits on end grain to reduce the absorption of stain and finish which results in better color match.

He brought in a couple of turned pieces with no finish to demonstrate the difference in water vs. oil based finishes. He applied a water based poly to one piece and an oil based poly to the other. While the water based poly works best to maintain the wood's natural color, the oil based poly gives a richer look and shows off the grain pattern better. While water based finishes offer advantages in some cases, Gregg generally prefers to use oil based materials and based his presentation on that.

He primarily uses only a few components for finishing his projects:

- 1) Unicorn Spit gel stain. This comes in a multitude of colors which can be mixed to achieve about any desired effect.
- 2) Tung oil.
- 3) Boiled linseed oil.
- 4) Polyurethane (gloss) - cut with 50% paint thinner
- 5) Paste wax.

He usually uses inexpensive disposable brushes to apply the materials and then rags to wipe off the excess. The thinned poly is applied the same way. The thin coats dry quickly and multiple coats (normally 3 or 4) can be applied the same day. He applies the wax right along with the final coat of poly so that they mix before being wiped off. The polyurethane contains enough hardening agents to cause the wax to harden as well resulting in a durable finish that doesn't stay tacky and capture dust.

During his presentation, Gregg shared some recommendations for extending the shelf life of the components by minimizing the air inside the containers. One simple tip that at least some of us hadn't thought of was to use a soda straw to transfer small amounts of a component without contaminating the area the container's lid seats into. His presentation prompted a good discussion of the subject as well as some steps (and missteps) most of us have experienced.

The June meeting will be at our regular meeting place (the pecan room) at the Hardest Branch Library and will include a presentation by Ray Hucek (our new Knothole News publisher). This month's 4th Thursday dinner will be at Oklahoma Joe's on 61st street just west of Sheridan

Photos From Last Month's Meeting



Gregg Zumwalt giving a presentation on his way of applying finish..

Gregg Zumwalt showing the finishes that he uses in combination for his projects.



Gregg Zumwalt showing how water-based vs. oil-based finishes affect the finished project.



Photos From Last Month's Meeting (continued)

Gregg Zumwalt showing his latest project



Harold Blalock showing his antique chest



Ray Hucek brought a keepsake box made out of Birdseye Maple and Bloodwood that he was making for a daughter.

Bill Nye brought a cheese cutter made in an unusual pattern.



Content Submitted by Club Members



Here is another keepsake box that I made for a daughter who has a May birthday. It is made from Birdseye Maple and Bloodwood, and this is the first time that I have worked with either wood. Both were easy to work with, but I took special effort to prevent chip-out of the Maple. I finished it off with a spray oil-based polyurethane.

Ray Hucek



Walnut/Mahogany/ Maple
cheese slicing board using a
Rockler hardware kit and a
Tung oil finish

Bill Nay

For Sale

Delta Sharpening Center (Model 23-710), 1/5 HP, wet/dry with 8-inch horizontal wet wheel and 5-inch vertical dry wheel. Weight 43 lbs. Able to sharpen jointer/planer knives using the tool rest with sliding holder. It can also be used to sharpen chisels, knives, garden tools or even grinding metal pieces to a preferred shape. The tool has never been used. I assembled it after purchasing this item at a garage sale. **Asking \$175.**

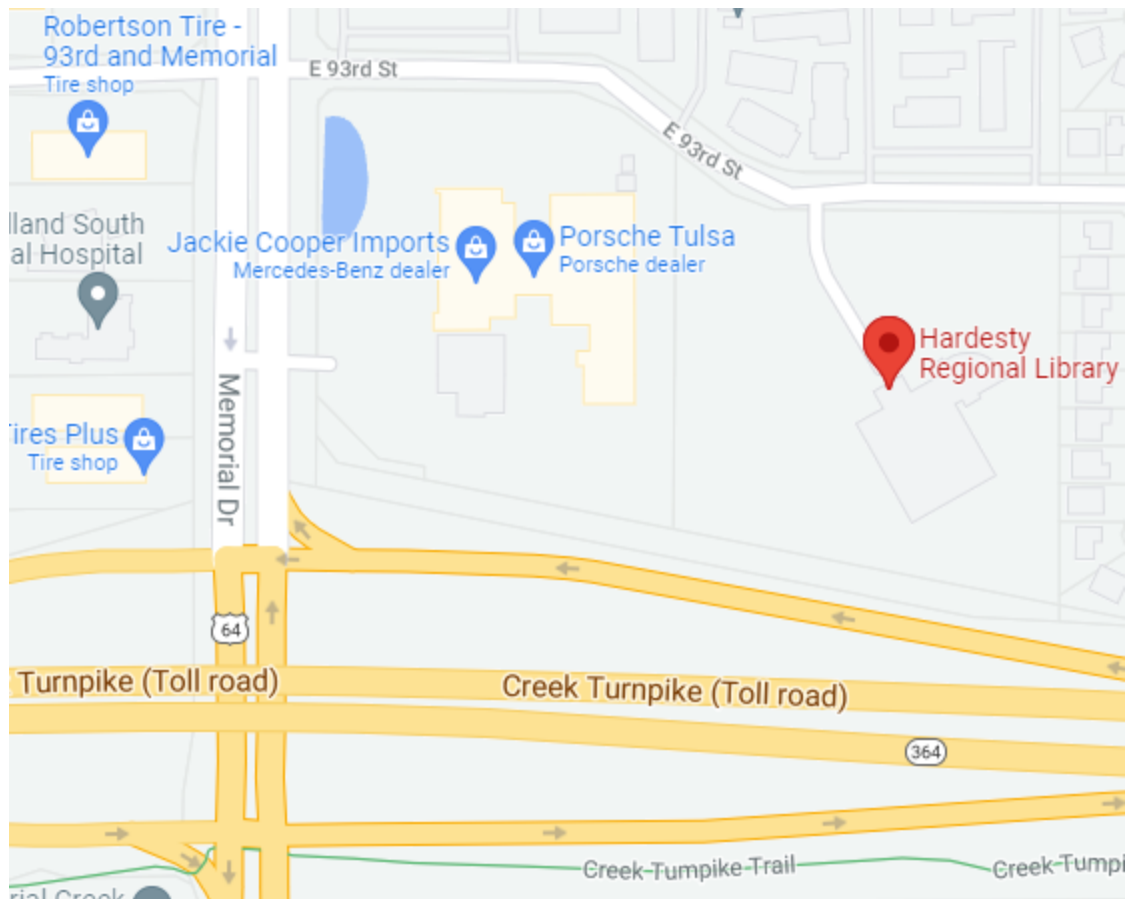
Call Earle Smith at 918-404-6442



Hardesty
Library

Off of
S Memorial Dr
and
E 93rd St

8316 E 93rd St
Tulsa, OK 74133



“Aromatic Red Cedar” from www.wood-database.com



Color/Appearance: Heartwood is a light pinkish brown when freshly cut, darkening to a medium reddish brown with time and upon exposure to light. Wide sapwood is a pale yellowish color. It is not uncommon for boards to contain at least some sapwood portions along the outer edges.

Grain/Texture: The grain is usually straight—with the exception of figured pieces with curly grain patterns. Has a fine, even texture with moderate natural luster.

Rot Resistance: Heartwood is rated as being very durable and resistant to decay, though not typically used in exterior applications.

Workability: Black cherry is known as being one of the best all-around woods for workability. It is stable, straight-grained, and machines well. The only difficulties typically arise if the wood is being stained, as it can sometimes give blotchy results—using a sanding sealer prior to staining, or using a gel-based stain is recommended. Sapwood is common, and may contribute to a high wastage factor.

Odor: Has a mild, distinctive scent when being worked.

Allergies/Toxicity: Breathing black cherry’s sawdust has been associated with respiratory effects such as wheezing. See the articles [Wood Allergies and Toxicity](#) and [Wood Dust Safety](#) for more information.

Pricing/Availability: Lumber and veneer are in adequate supply. Along with black walnut (*Juglans nigra*), black cherry is considered a premier American cabinet hardwood, and prices are in the mid to upper range for a domestic hardwood.

Sustainability: This wood species is not listed in the CITES Appendices, and is reported by the IUCN as being a species of least concern.

Common Uses: Cabinetry, fine furniture, flooring, interior millwork, veneer, turned objects, and small specialty wood items.

Comments: Black cherry develops a rich reddish-brown patina as it ages that’s frequently imitated with wood stains on other hardwoods such as yellow poplar (*Liriodendron tulipifera*). This aging process can be accelerated by exposing the wood (in a judicious manner) to direct sunlight.

Common Name(s): Black cherry, American cherry

Scientific Name: *Prunus serotina*

Distribution: Eastern North America

Tree Size: 50-100 ft (15-30 m) tall, 3-5 ft (.3-.6 m) trunk diameter

Average Dried Weight: 35 lbs/ft³ (560 kg/m³)

Specific Gravity (Basic, 12% MC): 0.47, 0.56

Janka Hardness: 950 lbf (4,230 N)

Modulus of Rupture: 12,300 lbf/in² (84.8 MPa)

Elastic Modulus: 1,490,000 lbf/in² (10.3 GPa)

Crushing Strength: 7,110 lbf/in² (49 MPa)

Shrinkage: Radial: 3.7%, Tangential: 7.1%

GREEN COUNTRY WOODWORKERS

The Green Country Woodworkers are made up of men and women who are interested in woodworking as a hobby.

The monthly meetings are conducted as educational forums for the benefit of our members and guests. We have idea exchanges, problem solving sessions, safety tips and tool tips plus a main speaker on topics related to woodworking in all its phases.

The club sponsors community service projects such as making Toys for Tots at Christmas and supporting Beads of Courage by turning bowls and making boxes for children undergoing cancer treatment at Children Hospital at Saint Francis. The containers hold the children's beads. The beads represent their treatment progress.

KNOTHOLE NEWS

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OBJECTIVES

- To provide the Knothole News, a monthly newsletter
- To promote woodworking and participate in woodworking and craft shows to inform the public of club activities
- To make wooden toys which are donated to selected organizations throughout the year
- Monthly Show & Tell; all items entered in the show and tell will be presented to the membership by the builder

Membership applications are available at each meeting from the club secretary or treasurer. At this time, no membership fee is charged.

MEETINGS

The club meets on the second Thursday of each month at 6:30PM at Hardesty Regional Library.

We also have a monthly dinner/social on the 4th Thursday of the month at 6:00PM; the location is determined during the regular monthly meeting.

WWW.GREENCOUNTRYWOODWORKERS.ORG

Please be sure to check out our web site for more information about the organization, past Knothole News publications, pictures, resources, etc.

