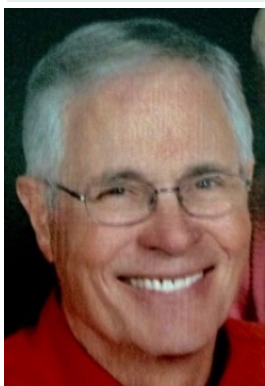


# Knothole News

[www.greencountrywoodworkers.org](http://www.greencountrywoodworkers.org)



## PRESIDENT'S MESSAGE



Greetings,

I apologize because I am writing this at the last minute without the thoughtful process I usually follow. I know that process may not always be evident in the product. But, like my woodworking projects, I try to do the best I can. So, to you all, and especially to Ray, my apologies for the lateness and hopefully not too imperfect product.

Our meeting last month was well attended, much better than some recent ones. That gives me hope that we are in fact meeting expectations of members. Vinton Knarr presented a program on his beautiful jewelry chest, we had some interesting show & tell and a short program on the continuing topic of joinery including with good discussion. That topic will be continued this month.

I hope you can join us this Thursday.

Bill Nay, President. (918) 492-8481

### 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

Mike Ruttgen 701-207-0712

#### Newsletter

Ray Hucek 918-618-2980

#### 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

## THIS MONTH'S MEETING

Thursday, March 14, 2024 @ 6:30 PM

Hardesty Regional Library, **Pecan Room**

8316 E 93rd St, Tulsa, OK

a continuation on the subject of wood joinery

## Minutes from Last Month's Meeting by Bill Morgan

The GCWW club met on 2/8/24 at the Hardesty branch library. In attendance were Bill Nay, Gregg Zumwalt, Mike Ruttgen, Earle Smith, Venton Knarr, Cliff Lemons, Harold Blalock, Ryan Braggs, Arthur Barber, Jeff Reinwand and Bill Morgan.

Bill Nay called the meeting to order and led the group through a discussion of subjects for future programs. Bill Morgan will cover glass cutting at the April meeting. Other subjects to be covered later in the year will be wood joints, digital woodworking, sharpening techniques, "Sketch" and other software for design work, live edge and river tables, bird house construction, hardware (hinges, locks etc.) as well as detailed discussions of special projects that anyone may be working on.

Show and Tell:

- Cliff Lemons brought in a band saw box that he and Collette are working on. Cliff went over the basics of cutting and reassembling the parts of the box and getting the pieces to all fit back together.
- Bill Nay brought in a bird house and several boxes that he built using reclaimed cedar fence material.

For the evening's program, Venton Knarr brought in a jewelry box that he built for a granddaughter (as well as the plans for the box). He has built a number of boxes in the past with some variations from the original plans.

He reviewed his selection of materials from the curly maple to the hardware and the lining material for the drawers.

He shared some tips on cutting and gluing the drawer lining material in place, assuring that the drawer fronts and knobs were all consistent, and how to compensate for a little variation in the wood color.

Several members provided info on good sources for wood as well as hardware. Gregg Zumwalt mentioned that "Hortons" is a good source for small parts and Mike Ruttgen suggested "Time Savers" as a source for really small (as in clock size) hinges and latches.

Cliff Lemons shared some information on his favorite source for exotic woods as well as lots of other items related to woodworking. "Mark's Machine & More" is located in Fort Smith Arkansas and Cliff says it's worth a drive over just to see the place.

Bill Nay spent some time discussing butt joints - - describing the places they're well suited for as well as their limitations. Kregg Jigs and loose tenon joints are often used in conjunction with butt joints and members who had used some of the different systems shared their experiences. It was generally agreed that while the Festool systems may be on the high end of the cost range, they are the most user friendly

It was agreed that the 4th Thursday dinner for Feb. would be at Fish Daddy's on 71st just east of Highway 169.

## Photos From Last Month's Meeting





## Content Submitted by Club Members



I decided to try making a cutting board with a handle. It was fun but definitely takes longer to sand down.

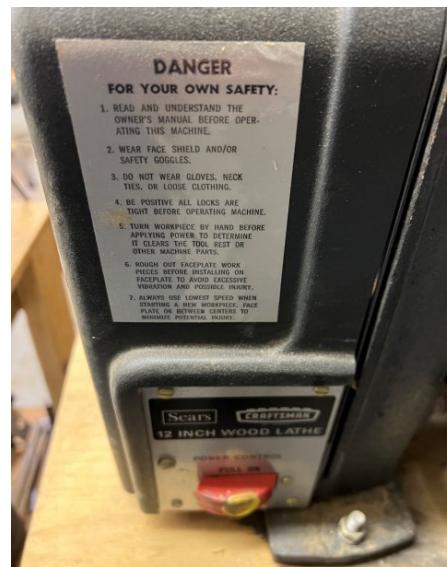
The board below was made with my grandson, who I hope will catch the “woodworking” bug.

Ray Hucek





## For Sale



I have an older lathe I want to sell. I do not do much turning and am looking for a smaller Midi Lathe. I plan to keep the cabinet, so it is just the lathe and associated parts. I am asking \$200. My mobile is the best number to contact me: (918) 859-9820

Lou Toto

## “Yellow Birch” from [www.wood-database.com](http://www.wood-database.com)



**Common Name(s):** Yellow Birch

**Scientific Name:** *Betula alleghaniensis*

**Distribution:** Northeastern North America

**Tree Size:** 65-100 ft (20-30 m) tall, 2-3 ft (.6-1.0 m) trunk diameter

**Average Dried Weight:** 43 lbs/ft<sup>3</sup> (690 kg/m<sup>3</sup>)

**Specific Gravity** (Basic, 12% MC): .55, .69

**Janka Hardness:** 1,260 lbf (5,610 N)

**Modulus of Rupture:** 16,600 lbf/in<sup>2</sup> (114.5 MPa)

**Elastic Modulus:** 2,010,000 lbf/in<sup>2</sup> (13.86 GPa)

Crushing Strength: 8,170 lbf/in<sup>2</sup> (56.3 MPa)

**Shrinkage:** Radial: 7.3%, Tangential: 9.5%, Volumetric: 16.8%, T/R Ratio: 1.3

**Color/Appearance:** Heartwood tends to be a light reddish brown, with nearly white sapwood. Occasionally figured pieces are available with a wide, shallow curl similar to the curl found in Cherry. There is virtually no color distinction between annual growth rings, giving Birch a somewhat dull, uniform appearance.

**Grain/Texture:** Grain is generally straight or slightly wavy, with a fine, even texture. Low natural luster.

**Endgrain:** Diffuse-porous; primarily radial multiples; medium pores in no specific arrangement, moderately numerous to numerous; parenchyma marginal, and sometimes diffuse-in-aggregates (faintly visible with lens); narrow rays, spacing fairly close to close.

**Rot Resistance:** Birch is perishable, and will readily rot and decay if exposed to the elements. The wood is also susceptible to insect attack.

**Workability:** Generally easy to work with hand and machine tools, though boards with wild grain can cause grain tearout during machining operations. Turns, glues, and finishes well.

**Odor:** No characteristic odor.

**Allergies/Toxicity:** Birch in the *Betula* genus has been reported as a sensitizer. Usually most common reactions simply include skin and respiratory irritation. See the articles Wood Allergies and Toxicity and Wood Dust Safety for more information.

**Pricing/Availability:** Likely to be rather economical in most instances. Figured boards can be more expensive, but normally plain birch lumber is in the same price range as maple or oak.

**Sustainability:** This wood species is not listed in the CITES Appendices or on the IUCN Red List of Threatened Species.

**Common Uses:** Plywood, boxes, crates, turned objects, interior trim, and other small specialty wood items.

**Comments:** Birch is one of the most widely used woods for veneer and plywood worldwide. Besides regular sheets of plywood, Birch veneer is also used for doors, furniture, and paneling.



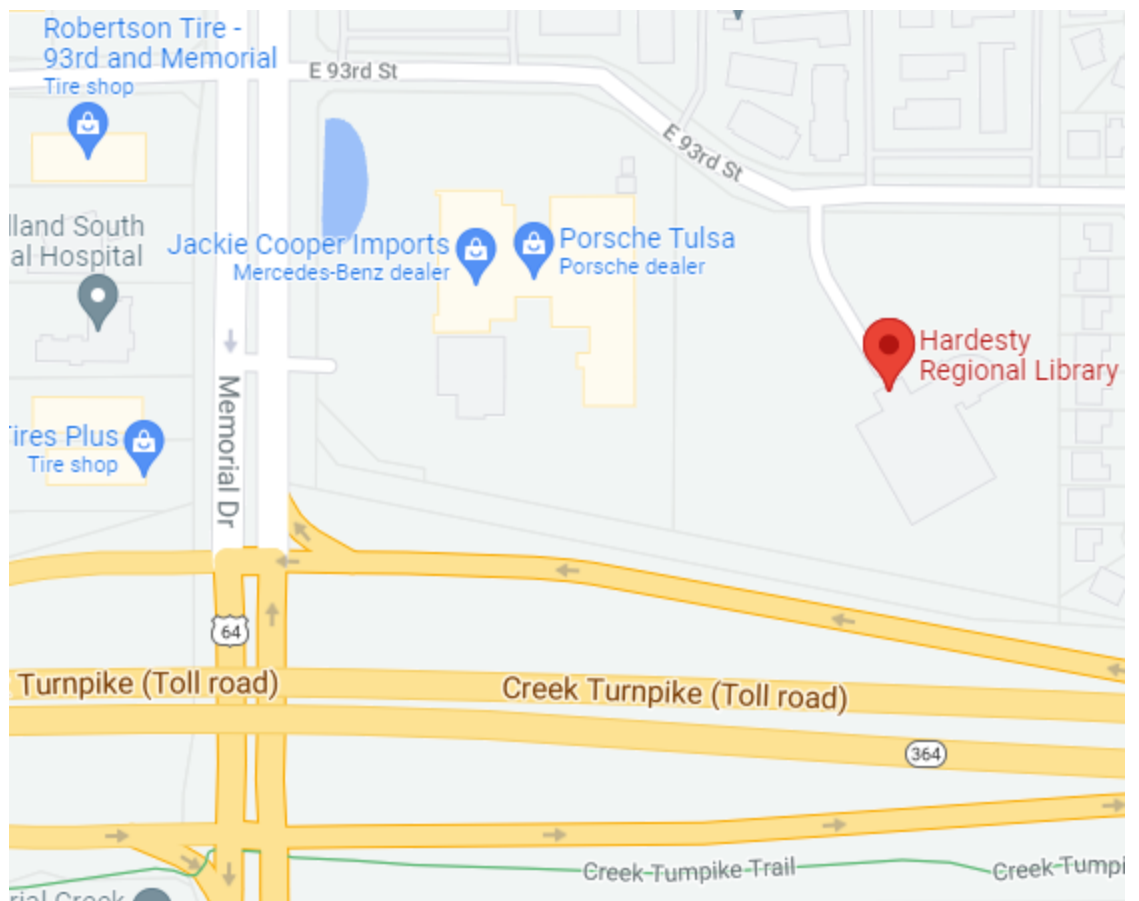
## MEETING LOCATION



Hardesty  
Library

Off of  
S Memorial Dr  
and  
E 93rd St

8316 E 93rd St  
Tulsa, OK 74133



## GREEN COUNTRY WOODWORKERS

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

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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.

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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

c/o Ray Hucek  
rayhucek@gmail.com  
(918)619-2980 mobile

## 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.

