

# Knothole News

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



## PRESIDENT'S MESSAGE



### Are you ready for a Toy Jamboree?

This month's meeting is dedicated to planning what we will build for Toys 4 Tots. Bring any sample toys that you have from previous years. Also bring any ideas to build...pictures, plans, etc. We'll discuss whether to build anything as a group or just individually.

So pull out the old toys or build a proto-type of a new one and share with the group!

Also, I recently made a set of steak knives. So we'll watch a video and talk about knife building.

Hope to see you this Thursday!

Thanks for all you do!  
Happy woodworking!

Vinton Knarr

### Officers

#### President

Vinton Knarr 918-508-5898

#### Vice-President

Gregg Zumwalt 918-605-2761

#### Secretary

Bill Morgan 918-760-7456

#### Treasurer

Mike Ruttgen 701-207-0712

### Club Committees

#### Luncheon

Bill Morgan 918-369-6435

#### Membership Management

Vacant

#### Newsletter

Ray Hucek 918-619-2980

#### Toy Wheels & Axles

Jim Rouse 918-636-9286

#### Webmaster & Photographer

Arthur Barber 918-671-2437

#### Toys 4 Tots Coordinator

Bill Nay 918-492-8481

## THIS MONTH'S MEETING

Thursday, June 12, 2024 @ **6:30 PM**

Hardesty Regional Library, **Pecan Room**

8316 E 93rd St, Tulsa, OK

**Toy Build Planning**

## Minutes from Last Month's Meeting

The CCWW club met on 5/8/25 at the Hardesty Regional Library. In attendance were Vinton Knarr, Gregg Zumwalt, Bill Nay, Ed Sherman, Earle Smith, Jim Rouse, Ray Hucek, Jeff Reinwand, Robert Rothenbucher and Bill Morgan. Vinton called the meeting to order and led the group on a discussion of a few items of club business.

It was agreed that this month's 4th Thursday dinner would be at our fall back location - - Oliveto's at 91st and Memorial.

Next month's meeting will be a "Toy Jamboree" where we'll review some options for this year's toy build. Members are asked to bring in examples of toys that we've built in the past as well as any that might be considered for this year.

### COOL TOOL

Bill Nay brought in a router plane and edge guide available from Wood Peckers. He reviewed some of the tool's unique features and discussed how he's used it.

### SHOW AND TELL

Gregg Zumwalt brought in a 3-legged stool he built for use at his workbench. It's sturdy and heavy enough to be stable in the shop.

### PROGRAM

This month's topic was shop organization. Several members had sent photos to Vinton and he was able to display them on the screen.

Vinton reviewed a workbench/storage unit that is a mainstay in his shop.

Ray Hucek reviewed how he utilizes the half of the space in his 2-car garage that he's allowed to use. His tools have increased over time and he's done a remarkable job of "nesting" tools and tables around the shop to maintain an open work area.

Gregg Zumwalt discussed some of the cabinets in his shop and how he uses pegboard to store clamps. He also built in a number of drawers sized hold groups of specialty tools that can be easily accessed.

Bill Morgan talked about the Mcfeely stacking storage bins that he uses to hold a wide range of screw types and sizes. He also commented on the allen wrench sets that are available that have a range of sizes in both English and Metric and come in a convenient storage rack.

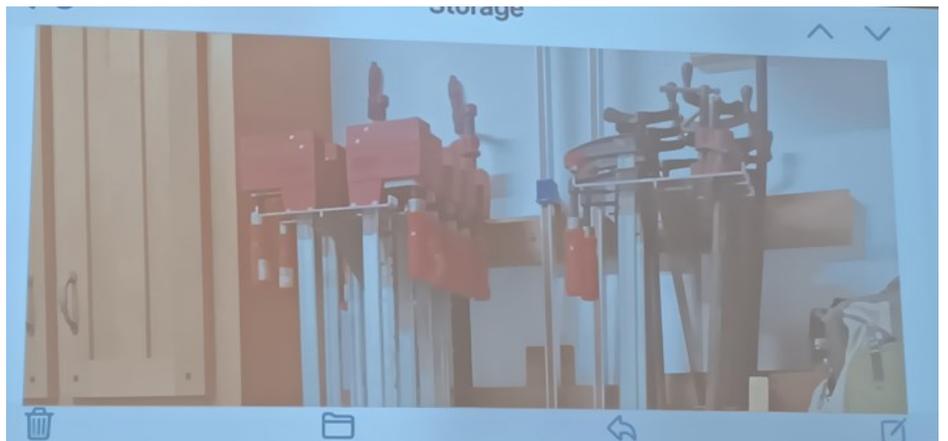
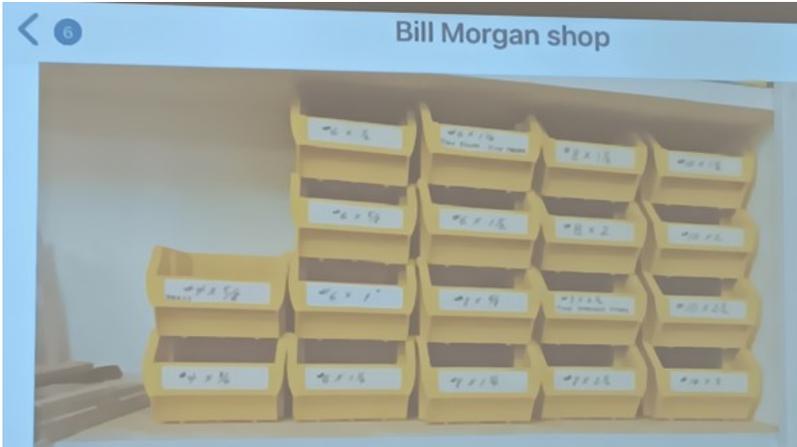
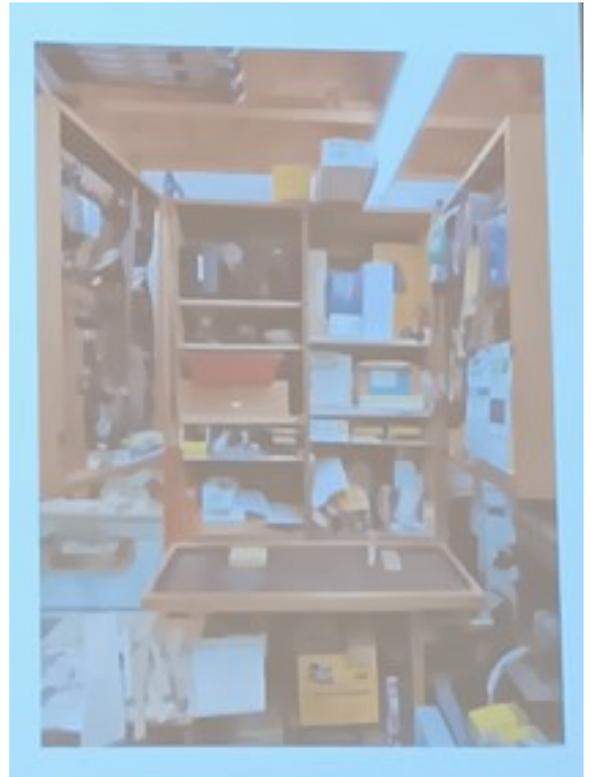
Robert Rothenbucher talked about the brackets he uses to hold the wide range of clamps he uses in his shop.

Bill Nay about several ways he has tucked storage areas into his shop. While he has more shop space than most of us, he also has more stuff than most (or maybe all) of us. He has quite a bit of "slot wall" in his shop and he brought in a piece of it to demonstrate how it can be adapted to hang about anything on. He also discussed one of the storage cabinets he built using pegboard for the doors so that he can hang tools on both the inside and outside of the doors. He used piano hinges to support the added weight. He also engineered a fold down work surface which can be folded up into the cabinet when not in use.

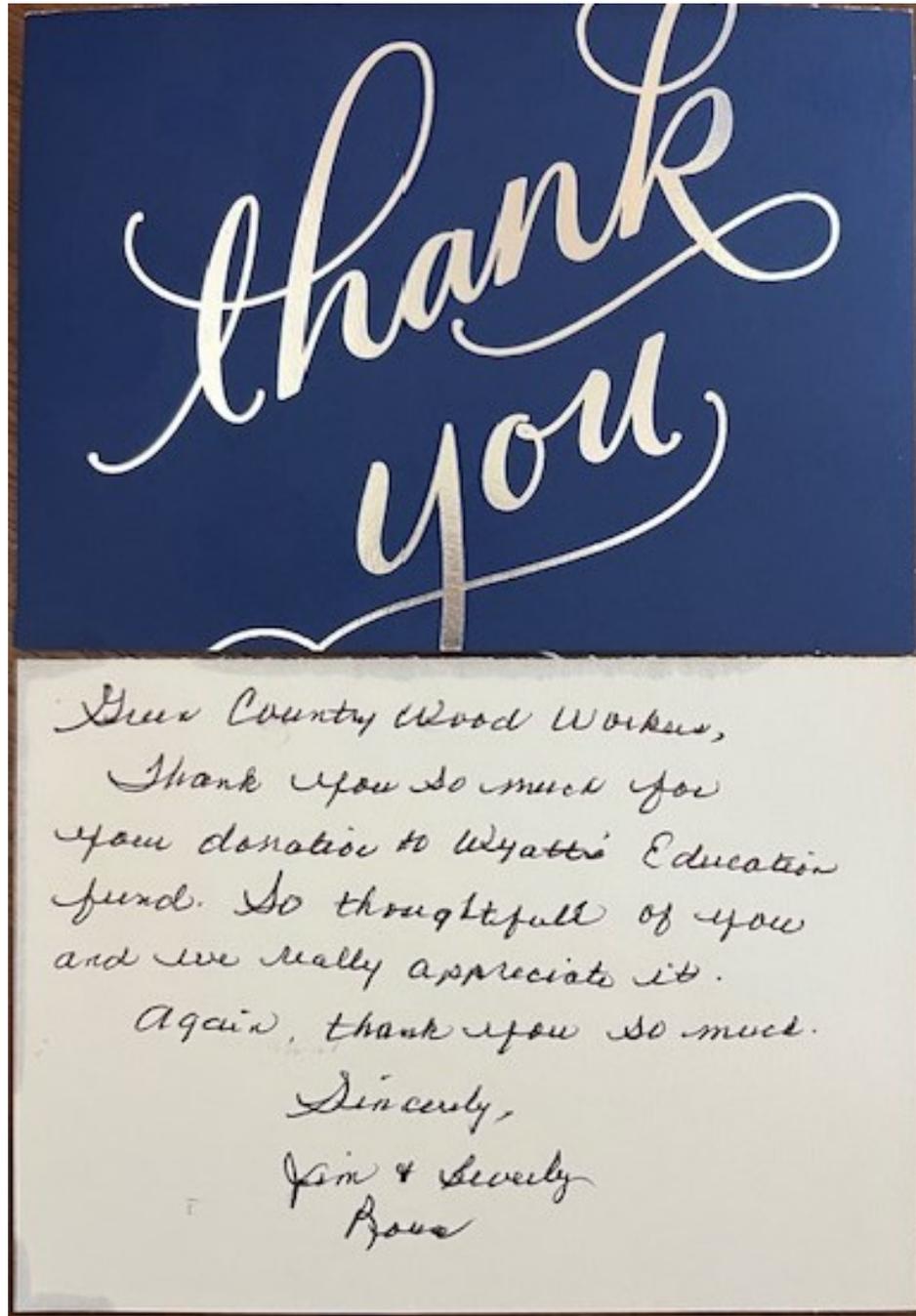
## Photos from Last Month's Meeting



If you were to see my shop, organization would not be your first thought. However this program maybe is about Ideas more than successful implementation.



Content Submitted by Club Members



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



**Common Name(s):** Holly, American Holly

**Scientific Name:** *Ilex opaca*

**Distribution:** Eastern United States

**Tree Size:** 30-50 ft (9-15 m) tall, 1-2 ft (.3-.6 m) trunk diameter

**Average Dried Weight:** 40 lbs/ft<sup>3</sup> (640 kg/m<sup>3</sup>)

**Specific Gravity** (Basic, 12% MC): .50, .64

**Janka Hardness:** 1,020 lbf (4,540 N)

**Modulus of Rupture:** 10,300 lbf/in<sup>2</sup> (71.0 MPa)

**Elastic Modulus:** 1,110,000 lbf/in<sup>2</sup> (7.66 GPa)

**Crushing Strength:** 5,540 lbf/in<sup>2</sup> (38.2 MPa)

**Shrinkage:** Radial: 4.8%, Tangential: 9.9%, Volumetric: 16.9%, T/R Ratio: 2.1

**Color/Appearance:** Ideal lumber has a very uniform, pale white color with virtually no visible grain pattern. Knots are common, which can reduce the usable area of the wood. Can develop a bluish/gray fungal stain if not dried rapidly after cutting. Holly is usually cut during the winter and kiln dried shortly thereafter to preserve the white color of the wood.

**Grain/Texture:** Grain is interlocked and irregular. Medium to fine uniform texture with moderate natural luster.

**Endgrain:** Diffuse-porous or semi-ring-porous; small to medium pores predominantly in radial multiples of 2-4, commonly arranged in radial rows, moderately numerous to numerous; growth rings may be distinct due to an intermittent row of earlywood pores; rays in variable sizes from narrow to very wide, normal to close spacing; parenchyma not typically visible with lens.

**Rot Resistance:** Rated as non-durable or perishable, and susceptible to insect attack.

**Workability:** Can be difficult to work on account of the numerous knots and interlocked grain. Glues, stains, and finishes well, and is sometimes stained black as a substitute for Ebony. Turns well on the lathe.

**Odor:** No characteristic odor.

**Allergies/Toxicity:** Besides the standard health risks associated with any type of wood dust, no further health reactions have been associated with Holly. See the articles Wood Allergies and Toxicity and Wood Dust Safety for more information.

**Pricing/Availability:** Seldom available for commercial sale, Holly is an expensive domestic lumber, and is usually only available in small quantities and sizes.

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

**Common Uses:** Inlays, furniture, piano keys (dyed black), broom and brush handles, turned objects, and other small novelty items.

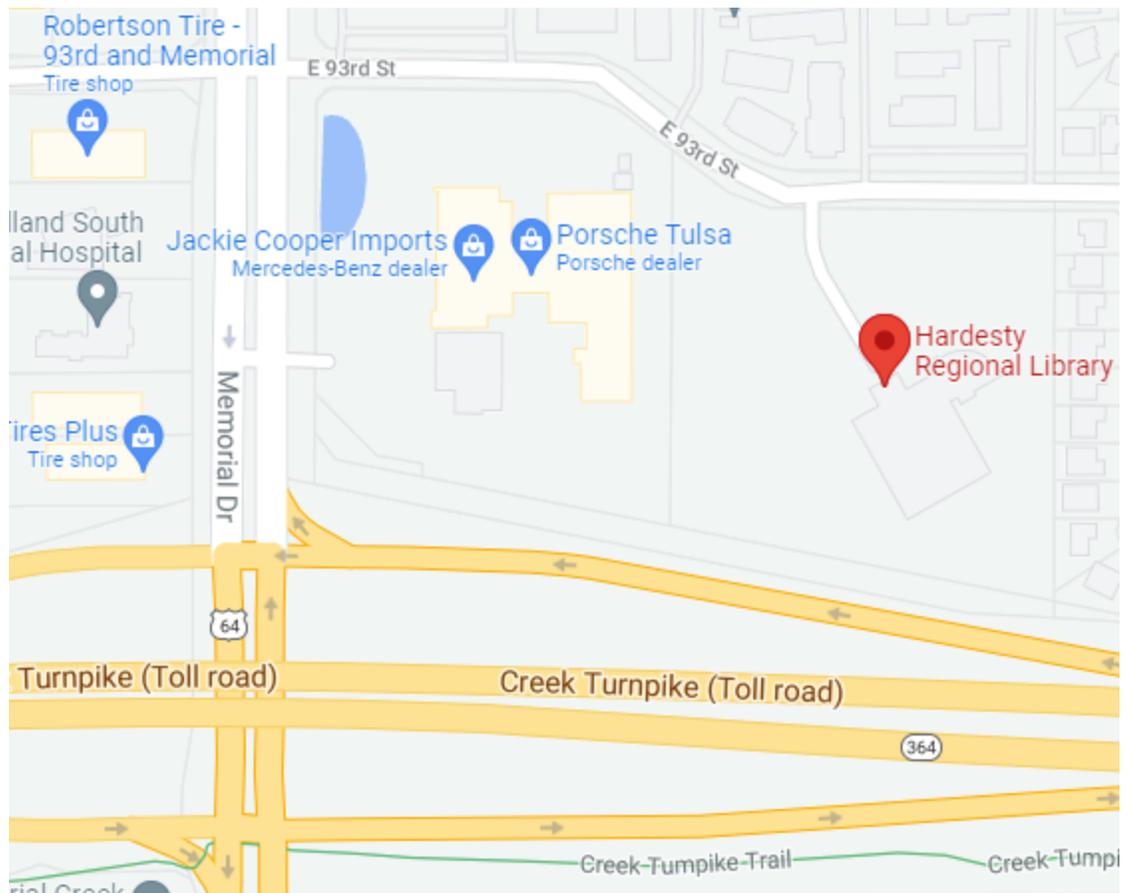
## MEETING LOCATION



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

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(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.

