

# Knothole News

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



## PRESIDENT'S MESSAGE



Recently, while installing a new built-in microwave I injured myself and required four stitches at an urgent care. I thought there was little risk in the way we were handling the microwave but in the process of lifting it into its hole I lost my grip and it stabbed me. We drove to the third urgent care (one was closed and one did not have a doctor present) before we

found one that could do stitches.

This was a lesson for me that you can never be too safe. Don't try to do things fast! Do one thing at a time. In the workshop keep your immediate area clear of items that might be in the way. If you are not sure you are doing your task safely then STOP and think about it.

When cutting or routing wood the cuts should feel smooth. If you feel any resistance then stop and find out why. Do not force it!

Know where several urgent care facilities are. Know the date of your last tetanus shot as they are going to ask that at urgent or emergency care.

Be safe!

Thanks for all that you do!

Vinton Knarr

### Officers

#### President

Vinton Knarr 918-508-5898

#### Vice-President

Gregg Zumwalt 918-605-2761

#### Secretary

Bill Morgan 918-369-6435

#### 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, October 10, 2024 @ 6:30 PM

Hardesty Regional Library, **Pecan Room**

8316 E 93rd St, Tulsa, OK

**Digital Tools For The Woodworker**

## Minutes from Last Month's Meeting

The GCWW club met on 9/12/24 at the Hardest branch library. Prior to the regular 6:30 PM meeting, the board members met to review a few organizational issues. The club by-laws are currently not digitized and therefore not easily available to the membership. Arthur Barber agreed to convert a paper copy to a digital format that can be easily amended as needed. The group discussed and agreed on a number of updates needed. Vinton Knarr will update the documents and present them for approval at the Oct meeting.

In attendance at the regular 6:30 meeting were Vinton Knarr, Gregg Zumwalt, Arthur Barber, Bill Nay, Earle Smith, Jim Rouse, Robert Karl Rothenbucher, Ron Staebell, David Dixon, and Bill Morgan.

Vinton Knarr called the meeting to order and introduced Ron Staebell and David Dixon who were attending for the first time. He also reviewed our progress on this year's Christmas toy build.

The work on the Tamgram puzzles, art boxes, and trucks is progressing on schedule. Bill Nay distributed some forms to collect data on the toy production that individual members are doing that will not be part of the group toy assembly that will take place at the November meeting at Earle Smith's shop.

The December meeting will be at the Silver Skillet restaurant and Vinton will make the reservation for that.

The group discussed the 4th Thursday dinner and it was agreed to Oliveto's at 91st and Memorial for this month's dinner.

### **Show and Tell :**

Robert Karl Rothenbucher has been building bird houses using some cedar that Bill Nay salvaged from an old fence. He's building them from plans used in a shop class he took when he was in grade school, He showed one made with the recycled pickets and another made from recently purchased cedar.

Vinton Knarr showed a small car and described the process he used to build it. He offered a template if anyone wants to build a few of these.

Bill Morgan showed a sample of a bi-plane he's building for this year's toy build.

### **Program:**

Arthur Barber is a member of the wood turners club and they have a program to turn pens for our active duty military troops. He discussed their program and then did a demonstration of pen turning. He brought along a small lathe and a wide variety of spindles, turning tools, and assembly devices.

He described the pen kits that are available, where they can be purchased and the differences between the major brands. Blanks for the pens can be turned from any number of materials including exotic woods and acrylics. While you can make your own turning blanks, they are also available commercially in an amazing range of materials (and price ranges). The acrylics are available with all kinds of embedded materials that result in unique patterns on the finished pens. Arthur circulated a number of sample blanks as well as a number of finished pens.

The pens can be turned to different diameters and in unique shapes. One of the pens Arthur showed was in the shape of a baseball bat. The clips are also available in different shapes such as a cross or a crest so the pens can be marketed to clubs, church groups or whatever.

After reviewing the turning process, Arthur demonstrated the assembly of both one and two piece bodies to the kit parts. He uses a press designed for the purpose of pushing the parts together. He discussed a few of the problems that can occur in the overall process and how to either avoid them or repair the results.

## Photos From Last Month's Meeting





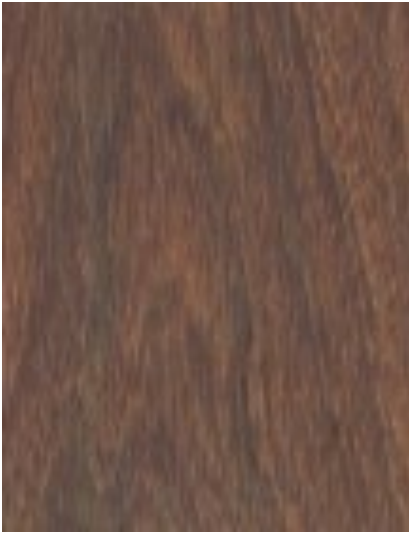
## Photos From Last Month's Meeting



# Volunteers wanted

On the group build toy dump truck, we need volunteers to make some parts. They can contact

**Bill Nay 918-492-8481**



**Common Name(s):** Ipe, Brazilian Walnut, Lapacho

**Scientific Name:** Handroanthus spp.  
(formerly placed in the Tabebuia genus)

**Distribution:** Tropical Americas (Central and South America); also farmed commercially

**Tree Size:** 100-130 ft (30-40 m) tall, 2-4 ft (.6-1.2 m) trunk diameter

**Average Dried Weight:** 69 lbs/ft<sup>3</sup> (1,100 kg/m<sup>3</sup>)

**Specific Gravity** (Basic, 12% MC): .91, 1.10

**Janka Hardness:** 3,510 lbf (15,620 N)

**Modulus of Rupture:** 25,660 lbf/in<sup>2</sup> (177.0 MPa)

**Elastic Modulus:** 3,200,000 lbf/in<sup>2</sup> (22.07 GPa)

**Crushing Strength:** 13,600 lbf/in<sup>2</sup> (93.8 MPa)

**Shrinkage: Radial:** 5.9%, **Tangential:** 7.2%,  
**Volumetric:** 12.4%, **T/R Ratio:** 1.2

**Color/Appearance:** Heartwood can vary in color from reddish brown, to a more yellowish olive brown or darker blackish brown; sometimes with contrasting darker brown/black stripes. In certain species, there are powdery yellow deposits within the wood. Ipe can be difficult to distinguish visually from Cumaru, another dense South American timber, though Ipe tends to be darker, and lacks the subtle yet characteristic vanilla/cinnamon scent while being worked.

**Grain/Texture:** Has a fine to medium texture, with the grain varying from straight to irregular or interlocked. Moderate natural luster.

**Endgrain:** Diffuse-porous; solitary and radial multiples; medium to large pores in no specific arrangement, moderately numerous to numerous; tyloses and mineral/gum deposits occasionally present; parenchyma unilateral, winged, and marginal; narrow rays, spacing normal; ripple marks present.

**Rot Resistance:** Rated as very durable; excellent insect resistance, though some species are susceptible to marine borers. Superb weathering characteristics. (Ipe was used for the boardwalk along the beach of New York City’s Coney Island, and was said to have lasted 25 years before it needed to be replaced: an amazing lifespan given the amount of traffic and environmental stresses put upon the wood.)

**Workability:** Overall, Ipe is a difficult wood to work, being extremely hard and dense, with high cutting resistance during sawing. Ipe also has a pronounced blunting effect on cutting edges. The wood generally planes smoothly, but the grain can tearout on interlocked areas. Also, Ipe can be difficult to glue properly, and surface preparation prior to gluing is recommended. Straight-grained wood turns well, though the natural powdery yellow deposits can sometimes interfere with polishing or finishing the wood.

**Odor:** Ipe has a mild scent while being worked.



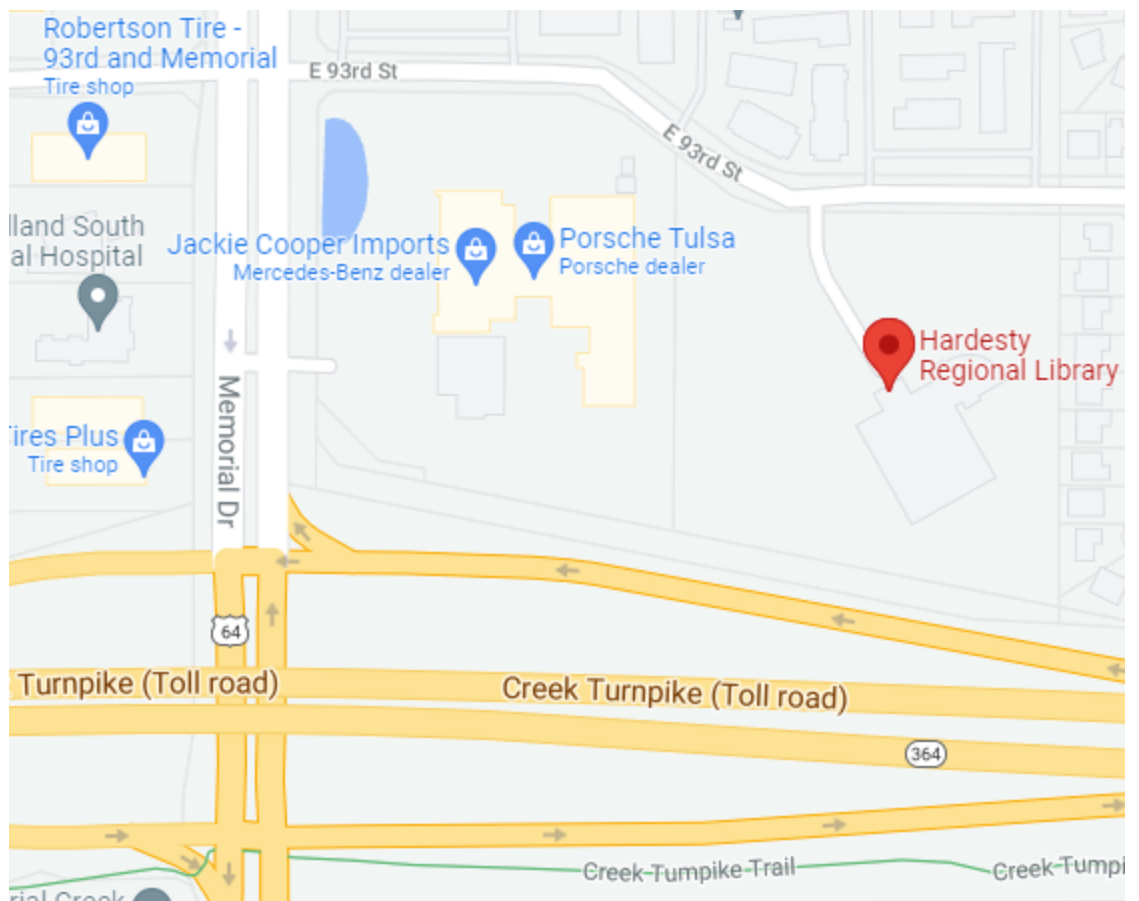
## MEETING LOCATION



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.

