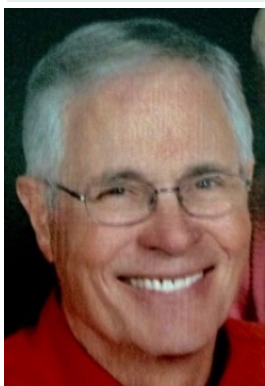


# Knothole News

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



## PRESIDENT'S MESSAGE



Greetings,

I missed last month's meeting, but a really good excuse in attending the second college graduation of a grandchild, 2 down and 2 to go. Also threw in a visit to Asheville, Virginia and D.C. The Viet Nam Memorial and Holocaust Museum were new since my last visit there and are now checked off my bucket

list. The Biltmore Estate is still an absolutely amazing place. If you've never been, it needs to be on your bucket list of places to see craftsmanship at its finest. Absolutely amazing woodwork along with furnishings and design that are unlike anything else I have seen in this Country.

Be sure to plan on your special "show and tell" for the June meeting and please NOTE that the meeting will be at Jim Rouse's shop. Looking forward to seeing you there.

Bill Nay, President

### 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, June 8, 2023 @ **6:30 PM**

Jim Rouses home

**14821 E. 12th St, Tulsa, OK**

*Jim's First Woodworking Project*

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

The GCWW club met on 5/11/23 at the Hardesty Branch Library. In attendance were Gregg Zumwalt, Ray Hucek, Robert Karl Rothenbucher, Jim Rouse, Arthur Barber, Jeff Reinwand, Cliff and Collette Lemons, Mike Mitchell, Rob Franklin, and Bill Morgan.

In Bill Nay's absence, Gregg Zumwalt called the meeting to order and reminded the members that nominations for the club officers for the next year are due in May (ahead of the June election). While the officers are technically term limited, we have not always enforced that portion of the by-laws.

In the event that no nominations are forthcoming, the current holders of the vice president, treasurer, secretary, webmaster, and Knothole News editor have agreed to continue in those roles. A candidate for the president position was nominated but we don't yet have his concurrence to serve.

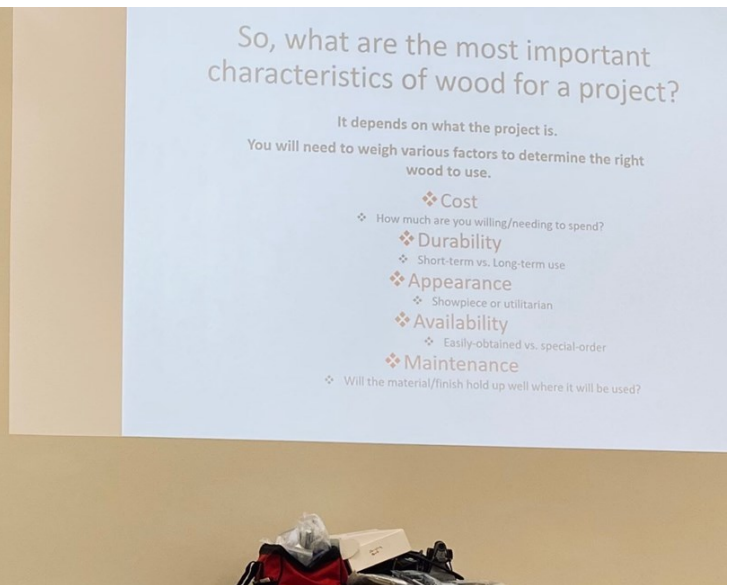
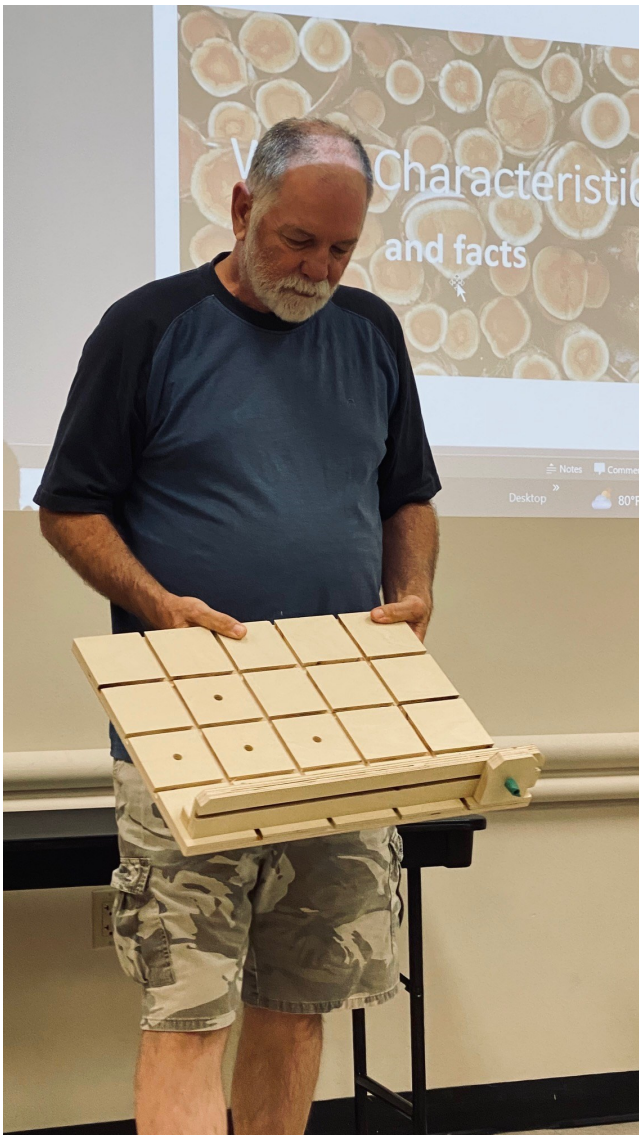
Mike Mitchell is a member of the woodcarvers club and he has arranged for us to have a table at this year's Woodcarvers show which will be in Broken Arrow. The show is on August 4th and 5th and we'll work out the details at future meetings. The show is always well done and there will be no entrance fee for our members.

Virgil Smith was a well known woodcarver in the Tulsa area and his son (also named Virgil Smith) is disposing of some of his woodworking tools. He wants them to go to people who will appreciate and use them. He brought in two large boxes of miscellaneous hand tools and offered them for sale for any reasonable price. He has set up a trust account in his father's name and any funds received will go to support local causes. Several members purchased some of Virgil's tools and the rest will be offered to the Woodworker's club.

Cliff Lemons brought in another end grain cutting board with a very attractive pattern of three different woods. He also brought in a table saw jig that he built from a kit. The jig is very flexible and offers a quick set up at various crosscut angles.

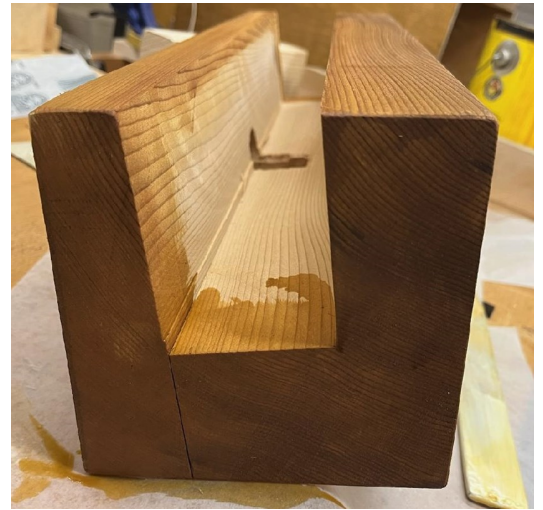
Rat Hucek made a very well done presentation of the various species of wood and their characteristics. He had obviously done a great deal of research on the subject and presented a number on charts - - including ranking each species for cost, availability, weight, hardness, strength, crush resistance, and elasticity. He also included data for just the commonly used woods which rated each for machinability, durability, appearance, and many other characteristics that measure the suitability of the wood for any given project.

## Photos From Last Month's Meeting





## Content Submitted by Club Members



Latest project was 4 bases from reclaimed wood for tall lighted mirrors in a hair Solon . Challenge was to make an angled “hole” to insert the mirror without messing up the aged/weathered look. Took a page out of the “how to make a bandsaw box” and cut off what I didn’t want hollowed out. Cut 4” off each end, the cut a 5 degree angled cut off the back, having to change the fence for the 2nd of the two cuts because of the blade height limitation, then the angled cut for the bottom and then the angled cut to take out the 2” wide section. Glue the back on and the end pieces and there was a piece of wood with a 2”x30” angled slot for the mirrors to then lean against the wall. Drilled hole in the back for the power cord and that was it. Pretty easy once I figured it out, and as always did a practice piece just to prove the process. BILL NAY

## Content Submitted by Club Members



Ray Hucek made a keepsake box for an upcoming birthday.

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



**Common Name(s):** Pecan

**Scientific Name:** *Carya illinoensis*

**Distribution:** South-central United States and Mexico

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

**Average Dried Weight:** 46 lbs/ft<sup>3</sup> (735 kg/m<sup>3</sup>)

**Specific Gravity** (Basic, 12% MC): .60, .74

**Janka Hardness:** 1,820 lbf (8,100 N)

**Modulus of Rupture:** 13,700 lbf/in<sup>2</sup> (94.5 MPa)

**Elastic Modulus:** 1,730,000 lbf/in<sup>2</sup> (11.93 GPa)

**Color/Appearance:** Heartwood tends to be light to medium brown, with a reddish hue; sapwood is a paler yellowish brown.

**Grain/Texture:** Grain is usually straight, though occasionally wavy. Texture is medium, with a low natural luster.

**Endgrain:** Ring-porous to semi-ring-porous; large to very large earlywood pores in a single intermittent row, medium to small latewood pores solitary and radial multiples of 2-3, few; tyloses common; parenchyma reticulate (bands absent from earlywood row in true hickory group, but present in pecan hickory group); narrow rays, close spacing.

**Rot Resistance:** Considered to be non-durable to perishable regarding heartwood decay, and also very susceptible to insect attack.

**Workability:** Difficult to work, with tearout being common during machining operations if cutting edges are not kept sharp; the wood tends to blunt cutting edges. Glues, stains, and finishes well. Responds well to steam bending.

**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 Pecan. See the articles Wood Allergies and Toxicity and Wood Dust Safety for more information.

**Pricing/Availability:** Various species of Hickory and Pecan (*Carya* genus) are typically mixed together and simply sold as Hickory. Prices are usually in the low to mid range, depending upon local availability. Hickory prices should compare similarly to other utility hardwoods such as Red Oak or Soft Maple.

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

**Common Uses:** Tool handles, ladder rungs, wheel spokes, and flooring.

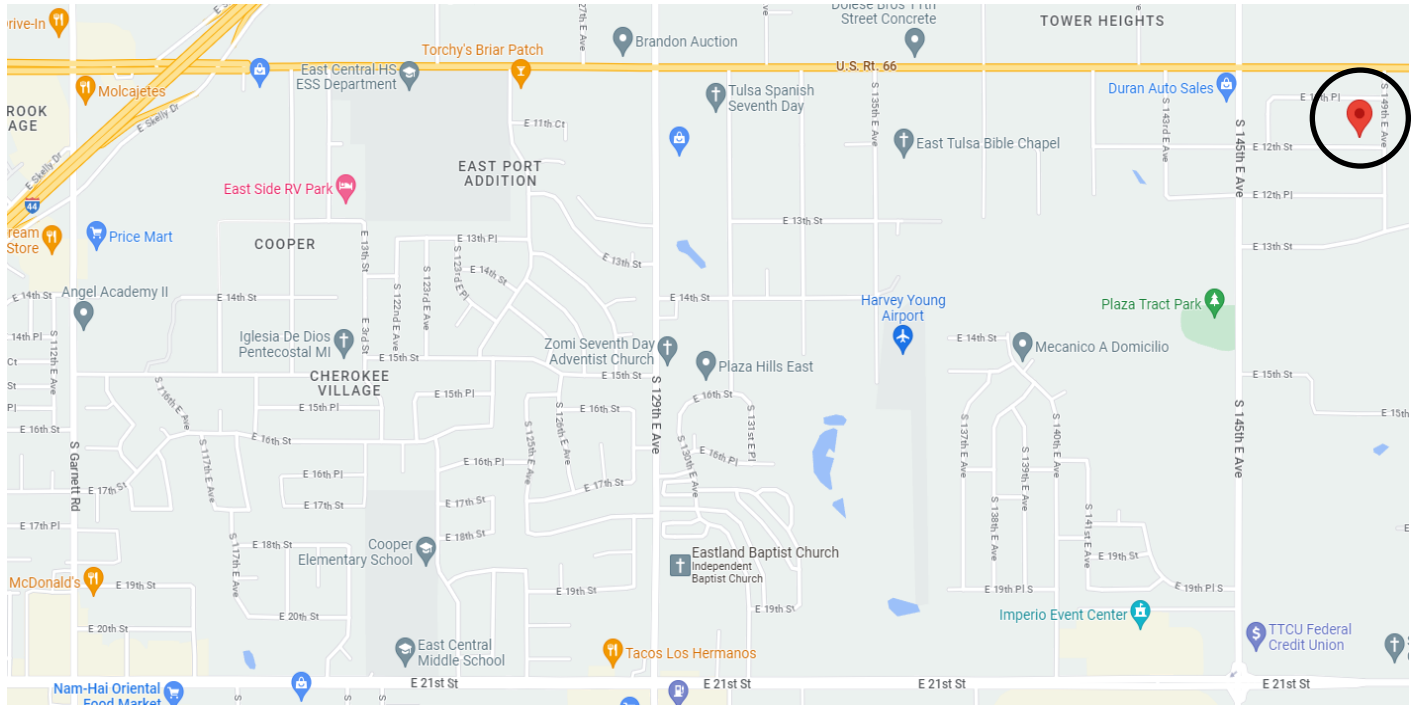
**Comments:** Pecan has slightly lower strength values than some of the other species of Hickory, but it is still among the hardest and strongest of woods native to the United States. The wood is commonly used where strength or shock-resistance is important. As the common name implies, *Carya illinoensis* is the tree responsible for producing Pecan nuts commonly used in snacks and cooking recipes, and is the state tree of Texas.

Pecan falls into the Pecan-Hickory grouping, which tends to be slightly stabler but weaker than the True-Hickories, and is considered to be a semi-ring-porous wood. The strength characteristics of Pecan are somewhat influenced by the spacing of its growth rings. In general, wood from faster-growing trees, with wider spaced growth rings, tends to be harder, heavier, and stronger than wood from slower-growing trees that have rings which are closer together.

In addition to strength and hardness applications, the wood of *Carya* species also has a very high thermal energy content when burned, and is sometimes used as fuelwood for wood stoves. Additionally, Pecan is also used as charcoal in cooking meat, with the smoke imparting additional flavor to the food.



## MEETING LOCATION



Jim Rouses home  
14821 E. 12th St., Tulsa  
918-636-9286

## 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  
ray@hucek.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.

