

# Knothole News

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



## PRESIDENT'S MESSAGE



Well, it is time to gather for our annual Toys 4 Tots Christmas Dinner. Whether you helped or not with the Toys 4 Tots effort, please join us on the 12<sup>th</sup> at the Silver Skillet.

What woodworking do you have planned for 2025? Do you have a woodworking New Years resolution? Mine is to spend more time experimenting and being creative. That is, build something different. I look forward to sharing what I come up with at our meetings. I hope you will do the same.

Merry Christmas (*hope you get a new tool*) & a Happy woodworking New Year!!!

Vinton Knarr

## THIS MONTH'S MEETING

Thursday, December 12, 2024 @ **6 PM**

**The Silver Skillet restaurant**

*Present the toys for the "Toys for Tots" Program*

### 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

## Minutes from Last Month's Meeting

The GCWW club met on 11/14/24 at Earle Smith's shop for our annual Christmas toy build. In attendance were Earle Smith, Vinton Knarr, Gregg Zumwalt, Bill Nay, Mike Ruttgen, Arthur Barber, Robert Karl Rothenbucher, and Bill Morgan.

Earle, Vinton, and Bill Nay had developed a well planned work flow and arranged work stations for the assembly of this year's dump truck project..

Earle provided the hand and shop tools to assemble the trucks and make the occasional repair operation. He also provided water, sodas, and snacks while the club provided the pizzas.

Total numbers for the dump trucks as well as the art boxes, puzzles, cars, planes, tanks, and whatever else the individual members have built will be available at the Christmas dinner.



## Photos From Last Month's Meeting





## Photos From Last Month's Meeting

A great meeting last month, thanks for all your effort. We assembled 150+ dump trucks at Earl Smith's and with the other contributions we have almost 200 of those to deliver to Toys for Tots at our meeting. In addition we have about 75 assorted cars, 10 tanks, 40 biplanes, 25 Tangram puzzles and about 70 art boxes contributed. Thanks to Gregg, Bill Morgan, Vinton, Robert, Lisa and Marc Morgan and Bob Morgan for the extra contribution. Please bring any additional items you've made to the meeting or contact me if you can't make it. Again, thanks to all for making it a joyful Christmas for so many kids.



## For Sale



Selling a Rigid belt/spindle sander. Only used once making Toys For Tots last year.

It is in excellent condition and asking \$249.

**Earle Smith 918-404-6442**

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



**Common Name(s):** Cumaru, Brazilian Teak

**Scientific Name:** *Dipteryx odorata*

**Distribution:** Northern South America

**Tree Size:** 130-160 ft (40-50 m) tall, 3-5 ft (1-1.5 m) trunk diameter

**Average Dried Weight:** 68 lbs/ft<sup>3</sup> (1,085 kg/m<sup>3</sup>)

**Specific Gravity** (Basic, 12% MC): .86, 1.09

**Janka Hardness:** 3,330 lbf (14,800 N)

**Modulus of Rupture:** 25,390 lbf/in<sup>2</sup> (175.1 MPa)

**Elastic Modulus:** 3,237,000 lbf/in<sup>2</sup> (22.33 GPa)

Crushing Strength: 13,850 lbf/in<sup>2</sup> (95.5 MPa)

**Shrinkage: Radial:** 5.3%, **Tangential:** 7.7%,  
**Volumetric:** 12.6%, **T/R Ratio:** 1.5

**Color/Appearance:** Heartwood tends to be a medium to dark brown, sometimes with a reddish or purplish hue; some pieces may have streaks of yellowish or greenish brown.

**Grain/Texture:** Grain is interlocked, with a medium texture and a waxy feel.

**Endgrain:** Diffuse-porous; solitary and radial multiples; large pores in no specific arrangement, few; heartwood mineral/gum deposits present; parenchyma lozenge, aliform, confluent, and sometimes marginal; narrow rays, normal to close spacing.

**Rot Resistance:** Cumaru has excellent durability and weathering properties. The wood is rated as very durable regarding decay resistance, with good resistance to termites and other dry-wood borers.

**Workability:** Tends to be difficult to work on account of its density and interlocked grain. If the grain is not too interlocked, Cumaru can be surface-planed to a smooth finish. However, the wood contains silica and will have a moderate blunting effect on tool cutters. Due to its high oil content and density, Cumaru can present difficulties in gluing, and pre-boring is necessary when screwing or nailing the wood.

**Odor:** Cumaru has a faint, vanilla or cinnamon-like odor when being worked.

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

**Pricing/Availability:** Should be inexpensive for an import. Cumaru, much like Jatoba, represents a great value for those seeking a low-cost lumber that has excellent strength and hardness properties.

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

**Common Uses:** Flooring, cabinetry, furniture, heavy construction, docks, railroad ties, bearings, handles, and other turned objects.



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**Comments:** Wood of the species *Dipteryx odorata* is most commonly called Cumaru among most woodworkers, though it is sometimes referred to as Brazilian Teak as well: primarily when used as hardwood flooring. (Brazilian Teak is not related to the wood that is most commonly called Teak, *Tectona grandis*.)

Cumaru is also called by the name Tonka Bean, and the tree is commonly cultivated for its vanilla-cinnamon scented seed—the tonka bean—which contains a chemical compound called coumarin.

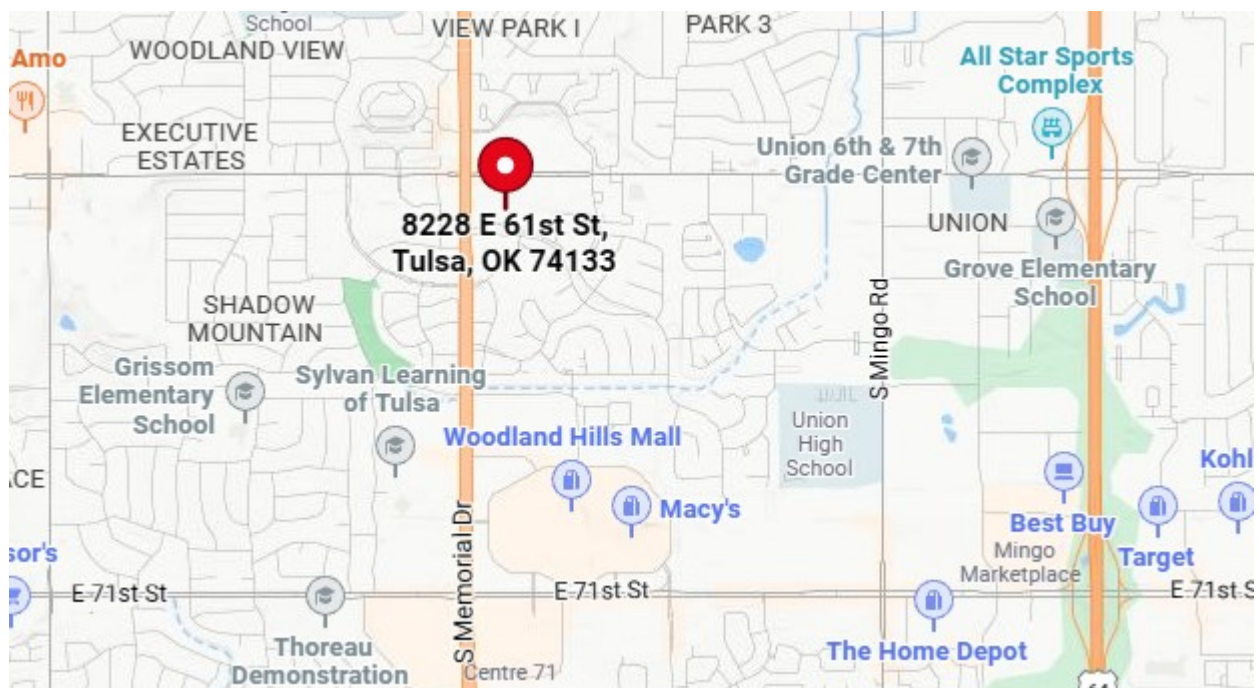
Cumaru lumber is extremely stiff, strong, and hard, lending itself well to a variety of applications. It is sometimes used in place of the much more scarce Lignum Vitae.

The heartwood fluoresces under a blacklight, which can help distinguish it from Ipe.

## MEETING LOCATION



The restaurant is at **8228 East 61st Street**, which is just East of Memorial (behind Hooters)





## 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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## 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.

