

Knothole News

www.greencountrywoodworkers.org



PRESIDENT'S MESSAGE



Have you ever wondered how a butterfly or some other shape gets cut and placed so precisely into a flat wood surface? Well, attend this month's meeting and find out as Bill Nay will give a presentation on router inlaying.



What have you been working on? Please bring your recent projects for Show & Tell.

Thanks for all you do!

Happy woodworking!

Vinton Knarr

Officers

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Vinton Knarr 918-508-5898

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Bill Morgan 918-369-6435

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Club Committees

Luncheon

Bill Morgan 918-369-6435

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Vacant

Newsletter

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Toy Wheels & Axles

Jim Rouse 918-636-9286

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Arthur Barber 918-671-2437

Toys 4 Tots Coordinator

Bill Nay 918-492-8481

THIS MONTH'S MEETING

Thursday, April 7, 2024 @ **6:30 PM**

Hardesty Regional Library, **Pecan Room**

8316 E 93rd St, Tulsa, OK

Router Inlaying

Minutes from Last Month's Meeting

The GCWW club met on 3/13 at the Woodcraft store near 41st and Sheridan. In attendance were Vinton Knarr, Gregg Zumwalt, Bill Nay, Arthur Barber, Mike Ruttgen, Jim Rouse, David Summers, Robert Rothenbucher, Robson, and Bill Morgan

Vinton introduced Matt Baxter from Woodcraft who had agreed to do a demonstration of an X-Tool laser engraver that Woodcraft carries.

The model Matt demonstrated was a relatively small unit that can cover an area of about 4" X 4". With some available options it can engrave on longer pieces and curved surfaces. He ran through how the desired patterns can be downloaded to the unit from a computer or smart phone and showed several examples of name tags, ornaments and logos produced by it.

He set up and ran the unit on a couple of different materials and fielded a number of questions from the group.

Matt also discussed the cost and capabilities of a range of units available from X - Tool as well as from other manufacturers.

Photos from Last Month's Meeting



As many of you know, Jim Rouse lost his son last month and couldn't come to the meeting because they are holding a Celebration of Life this weekend.

Jim asked me to pass along his thanks for the kind thoughts and also the \$100 contribution from the club. The money will go into a 529 education fund for his grandchild.

“WESTERN JUNIPER” from www.wood-database.com



Common Name(s): Western juniper

Scientific Name: *Juniperus occidentalis*

Distribution: Western United States (primarily northern California, Oregon, Nevada, and Idaho)

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

Average Dried Weight: 27.5 lbs/ft³ (440 kg/m³)

Specific Gravity (Basic, 12% MC): .40, .44

Janka Hardness: 680 lbf (3,000 N)

Modulus of Rupture: 8,910 lbf/in² (61.5 MPa)

Elastic Modulus: 643,000 lbf/in² (4.43 GPa)

Crushing Strength: 4,710 lbf/in² (32.5 MPa)

Shrinkage: Volumetric: 8.0%

Color/Appearance: Heartwood ranges from a pale pinkish orange to darker reddish brown, sometimes with streaks and portions of lighter colored sapwood intermixed, similar to the related eastern red cedar (*Juniperus virginiana*).

Grain/Texture: Fine, even texture.

Rot Resistance: Rated as very durable. (The wood is commonly used for fence-posts.)

Workability: Easy to work with both hand and machine tools. May develop drying checks during the initial drying phase, so care should be taken to minimize or account for these checks. Glues and finishes well.

Odor: Has a distinct, lingering odor resembling cedar, though not as intense, and more on the acrid side.

Allergies/Toxicity: Although severe reactions are quite uncommon, western juniper has been reported to cause skin and respiratory irritation. See the articles Wood Allergies and Toxicity and Wood Dust Safety for more information.

Pricing/Availability: Regionally available within its natural range, usually as structural or utility lumber primarily aimed at exterior purposes. Prices should be moderate, though old-growth or specialty pieces are likely to be much more expensive.

Sustainability: This wood species is not listed in the CITES Appendices, and is reported by the IUCN as being a species of least concern. See notes in the comments below on the species' increasing population trend.

Common Uses: Fence posts, firewood, exterior construction lumber, furniture, and small specialty items.



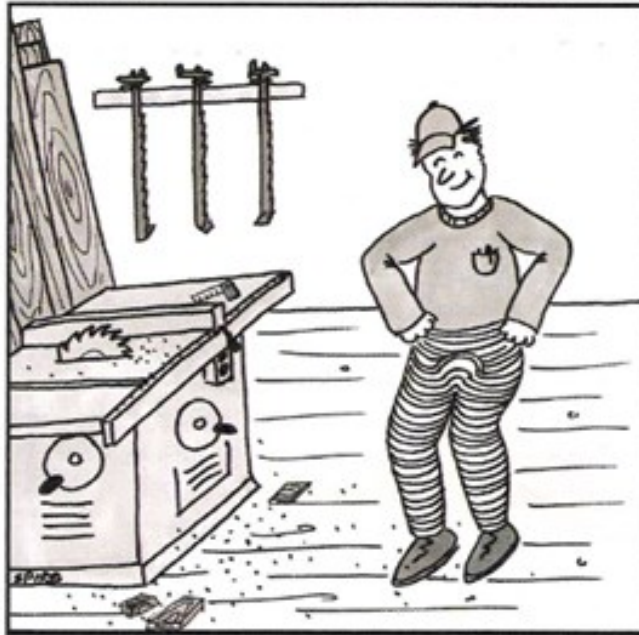
Comments: Western juniper is a fairly common tree throughout much of Oregon, and over the past 20th century, the species has seen a tremendous increase in population numbers. Since the abundance of this species has led to a deterioration of other wildlife species, such as sagebrush, native grasses, and the associated greater sage-grouse, some landowners and organizations have actively sought to eradicate all standing trees in affected areas.[1]

At an attempt to create a more productive use for the excess trees, studies began in the 1990s to look into the feasibility of using western juniper as a lumber species.[2] Overall results of these studies were positive, though the wood was found to have a slightly lower MOE than other comparable softwoods. Also, one study[3] found that trees from Idaho produced wood with significantly lower values than the other geographic regions, decreasing the overall average of the mechanical values.

MEETING LOCATION

60 Grit

Rough humor by Steve Spiro

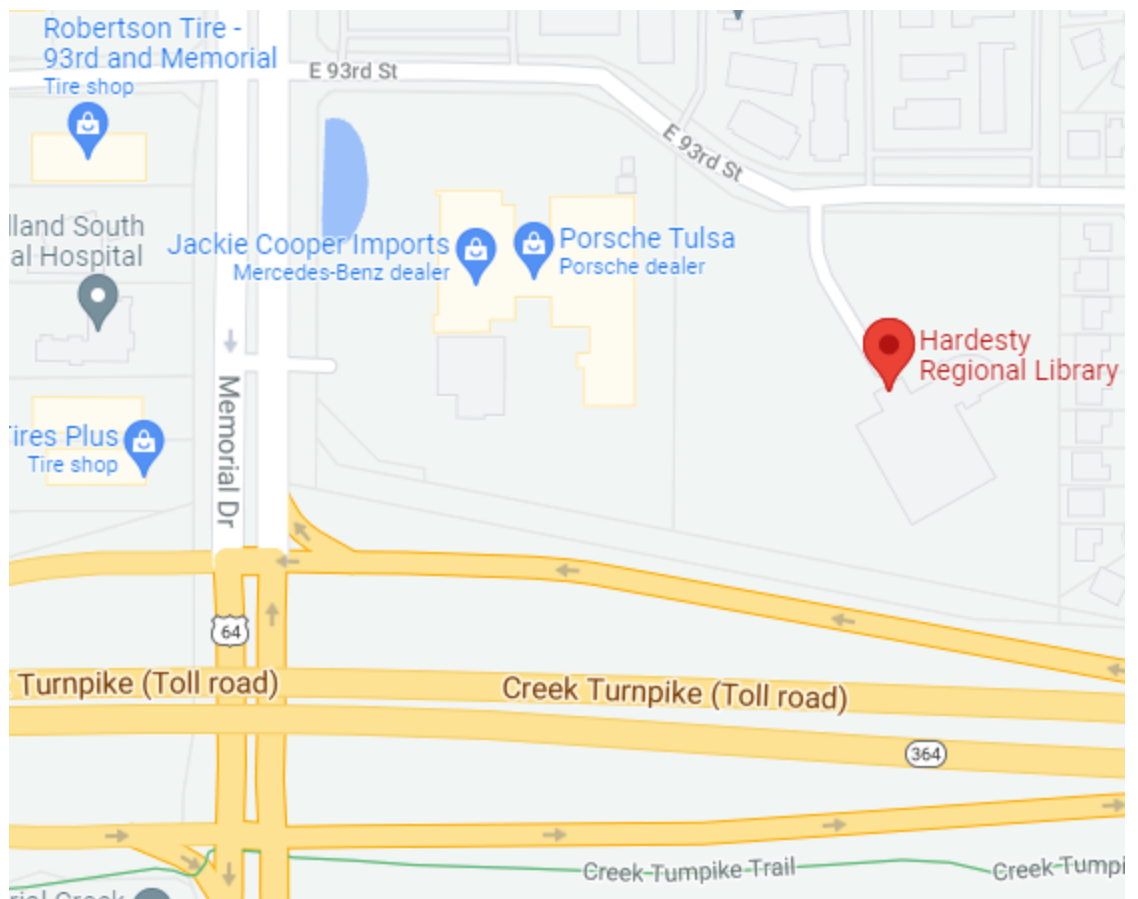


Having experienced "kickback," Clem revives the codpiece as a fashion statement.

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.

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.

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.

