

Knothole News

www.greencountrywoodworkers.org



PRESIDENT'S MESSAGE



At our February meeting we featured MAGFIT as our "Cool Tool". I hope we can feature a cool tool (or shop equipment) at each meeting. To do that your help is needed in identifying nominations. So please

let me know if you have a favorite tool or piece of equipment that you think we should feature.

This month's meeting is at the Tulsa Woodcraft store. Matt (employee at Woodcraft) will do a free demonstration of xTool for us. We will start promptly at 6:30. We will not have our normal meeting. This presentation will be our sole topic.

Happy woodworking!

Vinton Knarr

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Club Committees

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Bill Nay 918-492-8481

THIS MONTH'S MEETING

Thursday, March 13, 2025 @ **6:30 PM**

Woodcraft

6341 E 41st St, Tulsa, OK

Demo

Minutes from Last Month's Meeting

The GCWW met on 2/13/25 at the Hardesty Branch Library. In attendance were Vinton Knarr, Gregg Zumwalt, Ray Hucek, Bill Nay, Mike Rutgen, Earle Smith, Robert Karl Rothenbucher, David Summers, Jeff Reinwand, and Bill Morgan.

Vinton Knarr called the meeting to order and led the group through a discussion of a few items of club business and possible future programs

No alternatives were suggested so the 4th Thursday dinner will be at our fallback location - Olivetos at 91st and Memorial.

A number of topics for future programs were discussed. Among those were:

- - Butterfly inlays and inlays in general
- - "Gripper" and other push pads and related safety equipment for the table saw.
- - Shooting boards
- - Various techniques for printing on wood.
- - Mike Rutgen suggested holding a meeting at his shop where he would review some of his projects.
- - Vinton has arranged for the March meeting to be at Woodcraft where we'll see one of their demos

Bill Nay recommended the Woodworker's Guild website as a good source for information about almost any woodworking subject. He also volunteered to do a program on one of the subjects suggested for the April meeting.

Bill also related that he had visited Mark and Lisa Morgan's sawmill at their home near Grand Lake. While a date hasn't been set, we'll be organizing a shop tour to visit their operation.

Show & Tell :

Robert Karl Rothenbucher showed a miniature version of a Japanese tool chest he's built a couple of. The box features a clever box lid that is keyed in place.

Ray Hucek showed a few small clocks that he mounted into different shapes to use as gifts. He and his wife have been updating some counter tops in their house with quartzite. He used one of the sink cut-outs to make a serving tray. The quartzite is translucent and he backlit it resulting in a beautiful (but really heavy) serving tray.

Vinton showed his latest backgammon set and went over some of the construction details. It featured segmented cork lined dice cups, elegant inlays and bears no resemblance to the backgammon patterns that used to be printed on the backside of cardboard folding checker boards.

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Minutes from Last Month's Meeting

Program:

Mike Rutgen has always had an interest in clocks and after he retired he worked for a few years in a clock repair shop. He discussed time keeping devices in general and showed examples of several different types.

Most watches and decorative clocks are quartz. These mechanisms work well, are available at reasonable prices and can be built into attractive cases (as are the ones that Ray showed). You can also purchase the quartz works

without the clock face and construct your own case including the face.

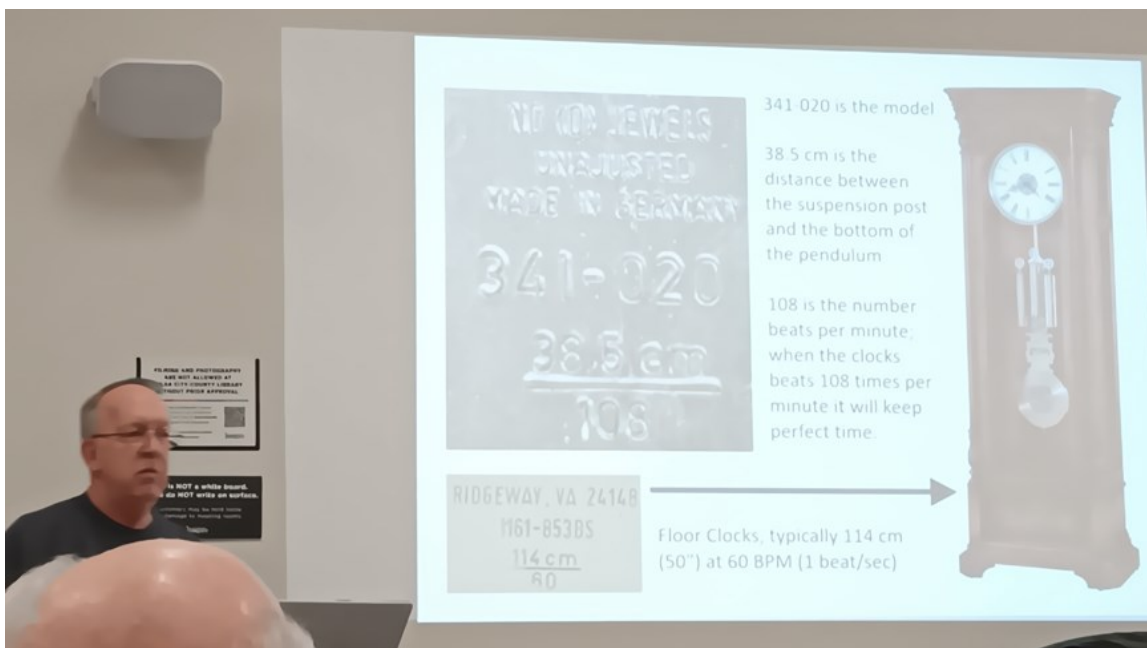
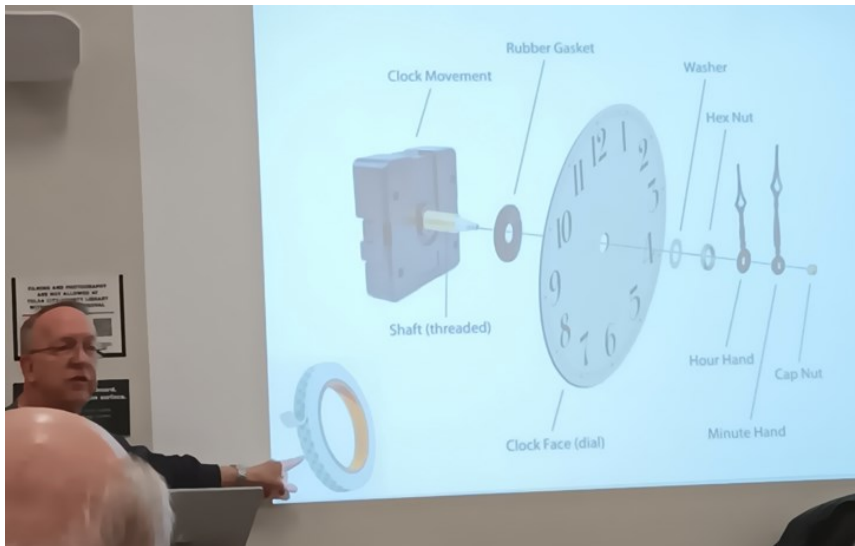
Gregg Zumwalt brought in a plate sized clock with a chip carved face. Gregg's wife Betty carved the clock face and then had Mike add the quartz works.

Most of the quartz movements can also drive a second hand if desired and some will drive a pendulum and provide "chimes".

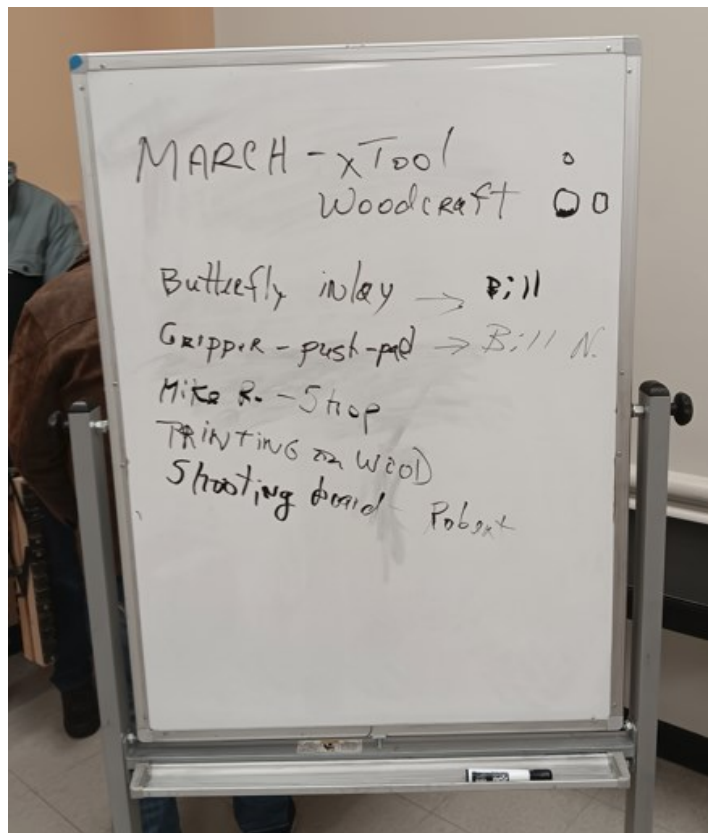
Mechanical clock works are also readily available with either balance wheel or pendulum regulators. Mike had set up examples of each of the different types available including a bell clock that makes the chime tones by using a set of hammers that strike a corresponding set of bells.

Mike reviewed a lot of "do's and don't's" when building a clock and provided a hand out listing the major suppliers of clock parts and the strengths and weaknesses of each. Supplies are readily available for everything from miniature quartz works to parts for grandfather clocks.

Photos from Last Month's Meeting



Photos from Last Month's Meeting



Content Submitted by Club Members



I found these on Facebook and decided to recreate this for my wife. - **Ray**



A lady asked me to make her a couple of PO Box banks for her. **Ray**



In keeping with this month's cartoon joke on page 10, this is what I did with a bunch of scraps. Everyone loves them, but they are a pain to make.

Ray



Common Name(s): Hackberry, Sugarberry

Scientific Name: *Celtis occidentalis*, *Celtis laevigata*

Distribution: Eastern North America

Tree Size: 40-60 ft (12-18 m) tall, 1-2 ft (.3-.6 m) trunk diameter

Average Dried Weight: 37 lbs/ft³ (595 kg/m³)

Specific Gravity (Basic, 12% MC): .49, .60

Janka Hardness: 880 lbf (3,910 N)

Modulus of Rupture: 11,000 lbf/in² (75.9 MPa)

Elastic Modulus: 1,190,000 lbf/in² (8.21 GPa)

Crushing Strength: 5,440 lbf/in² (37.5 MPa)

Shrinkage: Radial: 4.8%, Tangential: 8.9%, Volumetric: 13.8%, T/R Ratio: 1.9

Color/Appearance: Heartwood is light brown to gray. Wide sapwood is a contrasting light yellow. Susceptible to blue-gray fungal staining if not processed promptly. It's overall appearance is similar to ash (*Fraxinus* spp.), and it's sometimes used in place of ash.

Grain/Texture: Grain is usually straight or occasionally slightly interlocked, with a very coarse uneven texture.

Endgrain: Ring-porous; 2-3 rows of large to very large earlywood pores; small to medium latewood pores in wavy tangential bands; tyloses common; parenchyma vasicentric, banded (marginal); medium to wide rays, spacing wide.

Rot Resistance: Rated as non-durable to perishable. Also susceptible to fungal discoloration and insect attack.

Workability: Generally good working characteristics with both hand and machine tools, though smaller pieces with knots, or sections with interlocked grain can pose challenges in machining. Responds superbly to steam bending. Glues, turns, stains, and finishes well.

Odor: Can have a mild odor when worked.

Allergies/Toxicity: Hackberry has been reported to cause skin irritation. See the articles Wood Allergies and Toxicity and Wood Dust Safety for more information.

Pricing/Availability: Not widely available outside its natural range, Hackberry is regularly harvested and sold as utility lumber at a modest price within its natural range. Spalted and/or stained pieces are sometimes sold at an increased price. Lumber is sold interchangeably with the closely related Sugarberry (*Celtis laevigata*).

“HACKBERRY” from www.wood-database.com



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

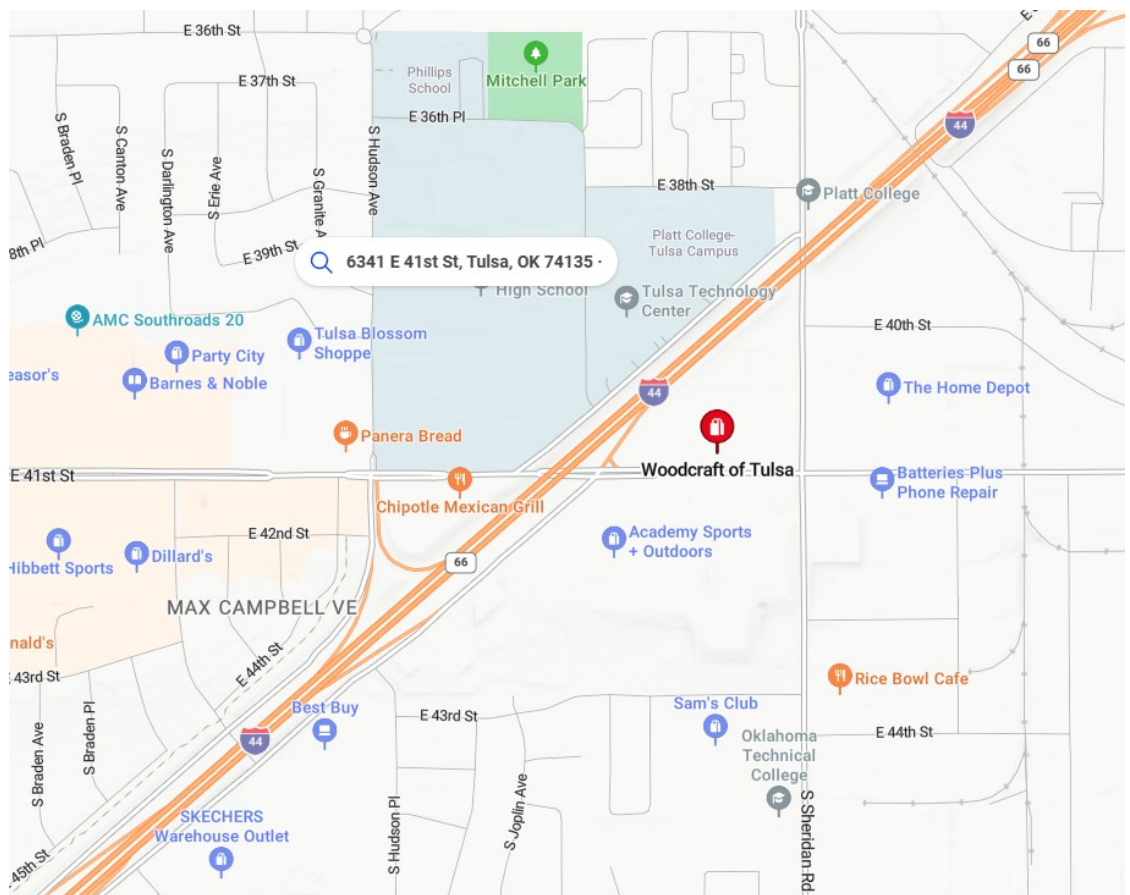
Common Uses: Furniture, boxes/crates, veneer, turned objects, and bent parts.

Comments: In terms of outward appearance, Hackberry bears a close resemblance to ash; anatomically, however, it's closest to elm (*Ulmus* spp.), with the pores arranged in wavy tangential bands (ulmiform arrangement), which is characteristic of the elms. Hackberry is reputed to among the very best woods for steam bending among hardwoods native to the United States and Canada.

MEETING LOCATION



Woodcraft
6341 E 41st St,
Tulsa, OK



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.

