



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

# Colorado Woodworkers Guild

## November 2020



### President's Corner

#### *Wilbur Goltermann President*

So far we have had two meetings hosted using the video conferencing tool, Zoom. These meetings followed, and future meetings will follow, the agenda we used at our live meetings in the past and should be less than two hours in duration.

- Opening remarks
- Welcoming new members and guest attendees
- New Guild Business and announcements from board members and committees
- Show and tell and shop tour (at some meetings)
- Break for personal needs, drink refreshing, and voting on show and tell
- Primary presentation
- Closing remarks

Both meetings were well attended (26 members on September 30, and 34 members on October 20), and the response from participating members was very good.

The next meeting will be held at our regular meeting time on November 17, 2020 at 6:30 PM, and future meetings will be held on the third Tuesdays at 6:30 PM. Our meeting on November 17 will feature our normal agenda, with the primary presentation showing the construction of a shaker door with a single panel insert.

I would like to add a shop tour as a semi-regular feature to future meetings. I also want to solicit volunteers to present either the implementation of some woodworking project or woodworking skill.

Please consider participating in upcoming Show and Tell events, or presenting a tour of your shop, or volunteering to give a primary presentation at a meeting. Send pics, and descriptions to Cary Goltermann at [programs@coloradowoodworkersguild.org](mailto:programs@coloradowoodworkersguild.org).

Finally, please encourage members you know to attend these meetings, and if you know someone who would like to attend a meeting as a guest, hand the meeting invitation to them, and let me know who will be attending.

I hope to see you on November 17,

## ***Community Service***

Hello Fellow Woodworkers,

Most of our members have been aware and part of our annual toy drive process for many years. For those of you have not heard about it or have not participated, I wanted to give a quick overview before our November meeting.

Our members donate many of their woodworking time and effort to make wonderful toys for children that will not get much if anything for this Holiday Season. Many members make a variety of toys numbering from 25-75 items each! That is amazing. They are finished beautifully with oils and child safe finishes and are ready to be delivered to these needy organizations. Many members have templates they use, and I also have a library of plans that I can share with you. I have car wheels at Rockler that range from ¾" to 2" in relative abundance where you can provide dowel axils to suit your own needs. The Guild will reimburse members on larger material purchases. We ask that you let us know what those purchases are so we can be financial responsible to all our members. Obviously with membership dues being limited we appreciate any of your personal donations to this process. Be creative and have fun. Last year my wife and her friends painted 30 baby cribs in very festive colors at the dining room table and had a great time. Not sure it will be the same this year but heck, lets make the best of it.

2020-I like to say, "the year that never was" and then again strange in so many instances. I will not get off in the weeds on this but essentially, we are dealing with the COVID-19 virus and this has changed the protocols for giving. As different as it is, we must respect all the organizations we donate to and their own way of dealing with the acceptance and the distribution of these gifts.

I have contacted the organizations we donated to last year and it's a mixed response from "send money, send gift cards", we are not accepting anything, please donate items built for new move-in families (i.e.: paper holders, hot matts, cutting boards etc. and yes, we would love to have toys which will be distributed by other volunteers. During our most recent Board and Committee meeting I believe the majority of us agreed we are not a financial donation organization although I can sure give you contacts for organizations that need your financial support if you wish.

My recommendation to all members is to continue with making toys for both girls and boys, create a handcrafted finished product and we will get volunteers (I'm requesting here!) for distribution to at least two organizations that I have been in contact with. We have our secure storage area in the basement of Rockler just down the hall from our "old" meeting spot. We can get you access to this area on an individual basis but also, we can set up an appointment for group donations dependent upon your comfort level.

I would request that all donations be available for distribution no later than Friday December 6<sup>th</sup>. Please contact me to schedule distribution to these needy organizations and we will meet at Rockler (masked elves) to get them out to the organizations and then to the children. I am anticipating that would be Saturday the 7<sup>th</sup>.

I want to thank everyone for participating in this worthwhile endeavor. Please, please, contact me directly with your questions and concerns. Let us give joy to these kids who have a very difficult time in their young lives and be thankful for the opportunity to bring countless smiles to these families.

Ed Lawlor

Community Chair

## Show and Tell

The October Show and Tell was a good example of what we can do while we are all enjoying our individual workshops of solitude.



Larry Abrams showed a couple of items. The first was a small turning of a slightly punky piece of big leaf maple burl that Larry also dyed with fungal dyes. The piece was still a work in progress as it still needed some finishing work, but it shows the interesting color variant fungal dyes can provide.



Larry's other piece was the front maiden of a spinning wheel. The trick was he needed a specific size of bronze bushing and ended up making this one from a metric bushing. To get the perfect interior diameter he used his wood lathe with a machinist's vise and metal lathe tools.



Next was Bill Knoll with a candleholder from the burn pile. The scrap piece of Russian Olive was headed towards the fire, but Bill likes to save interesting pieces to see what can be made of them. He added a few mushrooms made of sagebrush to give the appearance of growing out of the olive log.

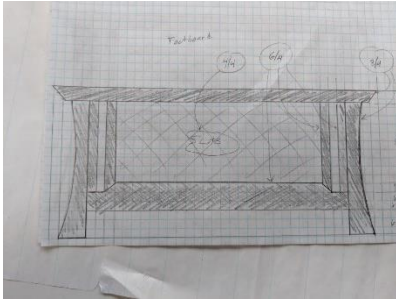


Bob Beason showed a few cheese trays he has made as gifts. The boards are primarily white oak with one in maple accented with a walnut inset in the shape of Nebraska.



Bob's other show and tell was a solid white oak book case/ cabinet that he made 10 years ago.

The winner of the night was Jim Barry with his slab centric bed frame that he is making for his son. The frames are made from cherry while the natural edge slab is walnut making for a nice color contrast. The footboard is completed while the view of the headboard shows the piece in progress. Very nice work Jim!



Footboard drawing



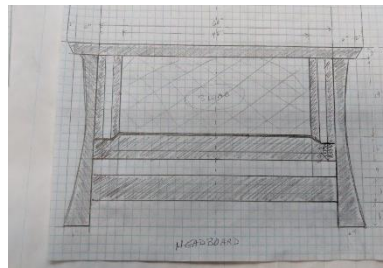
Footboard



Headboard post



Russell Hall design



Headboard drawing



Headboard

The great thing about having zoom meetings is that projects like Jim's and Bob's book case can be included. These projects are too large to bring into the basement and so often are excluded from show and tell. While we are doing zoom meetings please look through your homes and shops for items you've made, but due to inconvenience never brought. This is the great advantage of this format that we can showcase items we normally could not.

Thank you to everyone that showed and shared their work. As we navigate the new norm of zoom meetings remember the show and tell will remain one of the staples of the meeting so please continue to share your pieces and tell the rest of us what you've been doing.

Kevin Loyd

Shows & Exhibits

## About Wood

### Chakte viga for About Wood

Here is more of the “About Wood” column after missing a month or two. When this column began, the focus was on common North American hardwood species. Gradually the focus enlarged to include the conifers and less common hardwood species. After two to three years, more exotic species were added. References for the column have included *The Wood Database*, *Woodworkers Source*, and *A Guide to Useful Woods of the World*. Occasionally, *The Forest Products Laboratory* (a United States Department of Agriculture function associated with the University of Wisconsin) and other miscellaneous sources have also been used as resources.

In this month, November 2020, we consider **Chakte viga** (*Couleria platyloba*; = *Caesalpinia*). The *Couleria* genus is in the **Fabaceae** family, a family of flowering plants. The *Couleria* family consists of 7 species.

Recall that in previous columns, we have defined the Modulus of Rupture (MOR), the Modulus of Elasticity (MOE), Crush Strength, and Janka Hardness. We will continue to use those terms. Most of the other terms are generally well understood and will not be defined further. If you have questions about other terms or questions about a specific wood, contact [wood@coloradowoodworkersguild.org](mailto:wood@coloradowoodworkersguild.org).

#### Chakte viga



Chakte viga leaves and flowers



Chakte viga leaves and pods



Chakte viga logs



Chakte viga wood

Here is a summary of the characteristics of **Chakte viga** (also known as Paela, and Aripin):

**Distribution:** especially tropical areas of Mexico and Central America

**Tree size:** 20-30 ft (6-9 m) tall; 1-2 ft (0.3-0.6 m) trunk diameter

**Average Dried Weight:** 58 lbs/ft<sup>3</sup> (935 kg/m<sup>3</sup>)

**Specific Gravity:** (Basic, 12% MC): .78, .93

**Modulus of Rupture (MOR):** no data available

**Modulus of Elasticity (MOE):**2,574,000 lb<sub>f</sub>/in<sup>2</sup> (17.76 GPa)

**Crush Strength:** no data available

**Janka Hardness:** 2,250 lb<sub>f</sub> (10,010 N)

**Shrinkage:** Radial, 2.8%; Tangential 8.2%; Volumetric, 10.6%; T/R Ratio, 2.9

**Appearance:** heartwood bright orange to golden brown; sapwood pale white to yellow

**Grain/Texture:** straight grain with some interlocking; fine even texture and good natural luster

**Stability:** once dried moderately stable; dry carefully

**Relative strength:** hard and heavy; excellent strength-to-weight ratio

**Decay Resistance:** resistant to decay

**Workability:** responds to most machining operations; turns, glues, and finishes well

**Odor:** no characteristic odor when dry

**Toxicity:** some species of the genus *Caesalpinia* have been shown to cause skin and eye irritation

**Potency:** no information

**Toxicity Source:** no information

**Reaction:** no information

**Sustainability:** not on the IUCN Red List or on CITES appendix II

**Uses:** inlays, fine furniture, flooring, turnings, musical instruments

**Typical Cost:** moderate to high priced

**Comments:** closely related to **Brazilwood**, the preferred wood for violin bows. **Chakte viga** has some of the same excellent acoustic properties as **Brazilwood**. It has great color, smooth texture, and an iridescent quality.

**Sources:** Woodworkers Source; The Wood Database; American Hardwoods Information Center; Woodworkers Source; Flynn, James H. and Charles D. Holder, Editors. ***A Guide to Useful Woods of the World, Second Edition***. Forest Products Society, Madison, Wisconsin, 2001.

If you have questions about a specific wood, don't hesitate to send a note to [wood@coloradowoodworkersguild.org](mailto:wood@coloradowoodworkersguild.org).

*Lindy Baer*

## Sponsor's Corner

### Frank Paxton Lumber Wood of the Month

#### CWG Sponsors

**Austin Hardwoods of Denver, Inc.** 975 W. Mississippi, Denver, CO 80223 Phone: 303-733-1292

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**B & B Rare Woods** 871 Brickyard Circle, Unit C4, Golden, CO 80403 Phone: 303-986-2585

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#### **Bridge City Tool Works**

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Phone: (800) 253-3332

Website: <https://www.bridgecitytools.com/default/>

Questions or comments to [sales@bridgecitytools.com](mailto:sales@bridgecitytools.com). Please allow up to 2-4 business days for email and phone call responses.

Two orders per year (to be determined) and must be shipped to one address. 10% discount, when ordered directly from Bridge City Tool Works. Discount does not apply when ordered through dealers

**Charlie's 2nd Hand Store, Inc.** 2227 Larimer Street Denver, CO 80205 Phone: 303-295-1781

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**Denver Woodworking Company** 2062 S. Bannock Street, Denver, CO 80223 Phone: 303-733-3130 Website: [www.denverwoodworking.com](http://www.denverwoodworking.com)

**Mile High Tree Care, Inc.** 6010 W. 56th Avenue, Arvada, CO 80002 Phone: 303-292-9393

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**Frank Paxton Lumber Company** 4837 Jackson Street, Denver, CO 80216 Phone: 303-399-6047

Website: [www.paxtonwood.com/denver.aspx](http://www.paxtonwood.com/denver.aspx)

**Rockler Woodworking and Hardware** 2553 S. Colorado Blvd, Denver, CO 80222 Phone: 303-782-0588

Website: [www.rockler.com/retail/denver-colorado-hardware-store.cfm](http://www.rockler.com/retail/denver-colorado-hardware-store.cfm)

**Sears Trostel** 1500 Riverside Ave, Ft Collins, CO 80527 Phone: 970-482-1928

Website: [www.sears-trostel.com](http://www.sears-trostel.com)

**Signature Medallions** 4218 Ponce De Leon Drive, La Mesa, CA 91941 Phone: 619-303-2876

Website: [www.signaturemedallions.com](http://www.signaturemedallions.com)

**TC Woods** 5406 County Road 23 Ft. Lupton, CO 80621 Phone: 3-666-8989

Website: [www.tcwoods.com](http://www.tcwoods.com)

**Tool Zone, Inc.** 8651 Grant Street, Unit 1A Thornton, CO 80229 Phone: 303-252-8500

Website: [www.toolzone.com](http://www.toolzone.com)

**Woodcraft of Denver** 6770 S. Peoria Street Centennial, CO 80112 Phone: 303-290-0007

Website: <http://www.woodcraft.com/stores/store.aspx?id=305>

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