



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

# Colorado Woodworkers Guild

## July 2022 Newsletter

### President's Corner



*Dennis Edmonds, President*

#### **Shop Space is Always at a Premium**

Most woodworkers feel their shop is smaller than they would like. Even those who built their own shops filled it up and now struggle with space constraints. Better organization is the best path forward.

Floor space must be carefully conserved but remain flexible to meet your changing needs. Here are some of the tips I picked up along the way and have incorporated into my own shop.

#### **Go Vertical**

- Mount lumber racks on the walls to store long boards (down from ceiling so floor space is available below for machines)
- Hang cabinets with adjustable shelves on the walls (down from the ceiling) to store see-through plastic boxes (so contents can be quickly identified and taken down to the work surface). Leave space under the cabinets so equipment can roll under them.
- Use dead space (behind a swinging door, above the garage door, to the side of the garage door, or even overhead space)
- Mount pegboards to hang tools
- Mount clamp racks on the walls "You can never have too many clamps" ... except when they are on the floor or on your work bench.
- Mount a dropdown electrical cord reel above your work surface to avoid tripping on cords
- Store plywood vertically along a wall (or in a rolling cabinet)
- Mount cabinets with small drawers on the wall for nails, screws, nuts, and bolts
- Hang the air cleaner from the ceiling

#### **Plan Work Paths**

- Lay out space between machines for long boards to be milled
- Place the table saw and miter saw so you can open the garage door for long boards
- Create "working lanes" with some tools facing back-to-back

#### **Maximize Mobility and Use All Dead Space Under Tools**

- Put all stationary tools, work surfaces, and cabinets on casters (or mobile bases) so they can be easily moved
- Build cabinets with drawers (or slide-out shelves) under your power tools and ditch those metal stands (Unless you can put drawers or shelves in them)

- Mount two tools on one cabinet facing front and rear. Turn the cabinet around to access the second tool.

### **Increase Work Surface Availability**

- Place your workbench or assembly table so you can get at it from all sides
- Make all work surfaces the same height so work can pass across multiple surfaces (i.e., table saw and assembly table)
- Put fold-out “wings” on a miter saw stand or drill press that can be raised when needed.
- Use a portable roller stand as an outfeed table for multiple tools
- Use sawhorses with a sheet of plywood on top as a temporary work surface

### **Store Cut-Offs Effectively**

- Sort all those boxes, buckets and stacks of cut-offs! Get them off the floor and into an organized system.
- Cut cracked or warped boards into useable pieces before storing them. Discard knots, splintered wood, and bad pieces.
- Give away the good small pieces you won’t use to someone else who will.
- Build roller bins to store 18-to-48-inch cut-offs vertically so you can easily see the wood type, width, and length of each piece
- Nice pieces less than 14 inches can be grouped by type of wood and stored in clear plastic bins on your wall shelves for small projects.

### **Bottom Line**

We all have limited space. The only question is how you can organize that space to make the most of what you do have.

Tour other workshops to pick up new ideas. Invite others to your shop and ask them for advice.

You will experience more joy in working in your organized shop.

*Dennis Edmonds, President*

## **Membership**

**Membership Problems??? Send an email to [membership@coloradowoodworkersguild.org](mailto:membership@coloradowoodworkersguild.org)**

A couple of members have attempted to contact me via [membership@colowood.com](mailto:membership@colowood.com) or [membership@colowood.org](mailto:membership@colowood.org) as far as I know these do not work.

If you wish to renew by check simply send the check to the address below. If the check is not in your name, please provide the member name on a piece of paper with the check. NOTE: If your current member information does not include the correct address, please provide this info as well.

**The Colorado Woodworkers' Guild**  
**% Rockler Woodworking and Hardware**  
**ATTN: Membersip Renewal**  
**2553 South Colorado Blvd**  
**Denver, CO 80222**

Here is the membership status as of this writing:

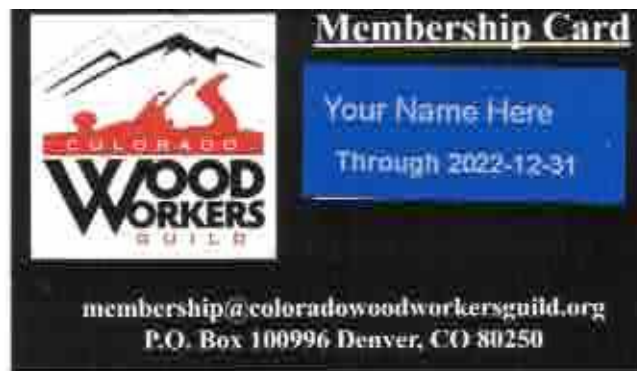
We currently have 88 members paid through the end of 2022. That's an increase of 16 from last month. Way to go members!

There are 71 people who were members in 2021 who have yet not renewed in 2022.

As a reference point there were 152 paid members in 2019. If the 71 people who were paid in full in 2021 and have not renewed in 2022 renewed we'd be in good shape.

### **Now is a great time to renew your membership**

The 2022 member cards look like this (member name/expiration in White text on a Blue background). If your member card does not look like this it is expired.



If you believe that you have renewed for 2022 and do not have a current membership card, please let me know. Send an email to [membership@coloradowoodworkersguild.org](mailto:membership@coloradowoodworkersguild.org) and I'll address the problem.

*Cary Goltermann, Membership Chair*

## **Show and Tell**

The show and tell items at the June 2022 meeting included two entries from member Greg Livingston. If you were unable to attend the meeting, either in person or via Zoom, the entire hour and seven minute long meeting can be viewed online at the guild's website [here](#).

I've added a link to the start of each S&T portion below. **For the meeting or the S&T presentations you have to "right click" and select "Open hyperlink" to get to the video.**

The first S&T from Greg is a turned "Hollow From" made of Ambrosia Maple and finished with Wipe On Poly. Here is a picture for your viewing pleasure. Greg's explanation of the S&T entry at the meeting can be viewed [here](#).



Greg's second S&T item is (also turned) a 16" Platter made from Figured Maple and finished with a 1,2, 3 finish. His explanation of this S&T entry can be viewed [here](#).



Surprisingly the winner of the June S&T was none other than Greg Livingston.

Thanks to all who participate in our S&Ts. Please consider sending me some pictures prior to the next meeting. I can be reached at [showandtell@coloradowoodworkersguild.org](mailto:showandtell@coloradowoodworkersguild.org)

Thanks, and see you at the next meeting,

*Cary Goltermann, Show and Tell Administrator*

# Meeting Presentations

## June 2022 Meeting

On June 21, 2022, we were honored to have an on-site guild presentation by **Mr. Ryan Dirkson and Ms. Marina Chotinoff**, owners and operators of **Where Wood Meets Steel** and **Denver Wood Slabs**. They are also our newest CWG sponsor.

The couple showed slides of their current projects and discussed their capacities, their processes and their capabilities for design. One-half of their work is for commercial customers and one-half is for residential projects. They use locally sourced lumber as well as bringing lumber in from remote sources. They use quite a lot of walnut, but they also have 18 other species, including hickory, Russian olive, black locust, and pecan.

They have a vacuum kiln for quickly and efficiently drying the wood, and they can flatten slabs up to 60 inches wide. On the steel side, they can incorporate any design you or an architect can dream up, or they can design the steel portion for you.

They deal mostly with 8/4 thick lumber and can supply a hobbyist woodworker with something as small as a turning blank, green or dried.

Their entire presentation can be viewed online at the guild's website by clicking [here](#). **Again, for their presentation you have to "right click" and select "Open hyperlink" to get to the video, and forward to 28 minutes into the video. Their presentation and slides go to the end of the meeting at minute 106.**

They can be contacted at [info@wwms.net](mailto:info@wwms.net) , [www.denverwoodslabs.com](http://www.denverwoodslabs.com), or at 720-780-7752.

## July 2022 Meeting

On July 19th, we have the honor of an online tool presentation by Deneb Pulaski, of Lie Nielsen tools. He will be covering new tools coming out, tuning your hand planes, and tricks and little-known facts about getting the best performance from your Lie Nielsen tools. I'm already saving up for my next tool purchase just in case there's something I can't live without.

*Mike Zelman, Programs Chair*

## About Wood

White Oak (*Quercus alba*) is our focus for July. White Oak consists of several species growing especially in eastern North America. The White Oak tree is the state tree for Connecticut, Illinois, and Maryland. White Oak represents approximately 15 percent of the total U.S. commercial hardwoods.

Before we get to the details about White Oak, it is time to define yet another technical term used in the lumber industry, that is "**crushing strength**."

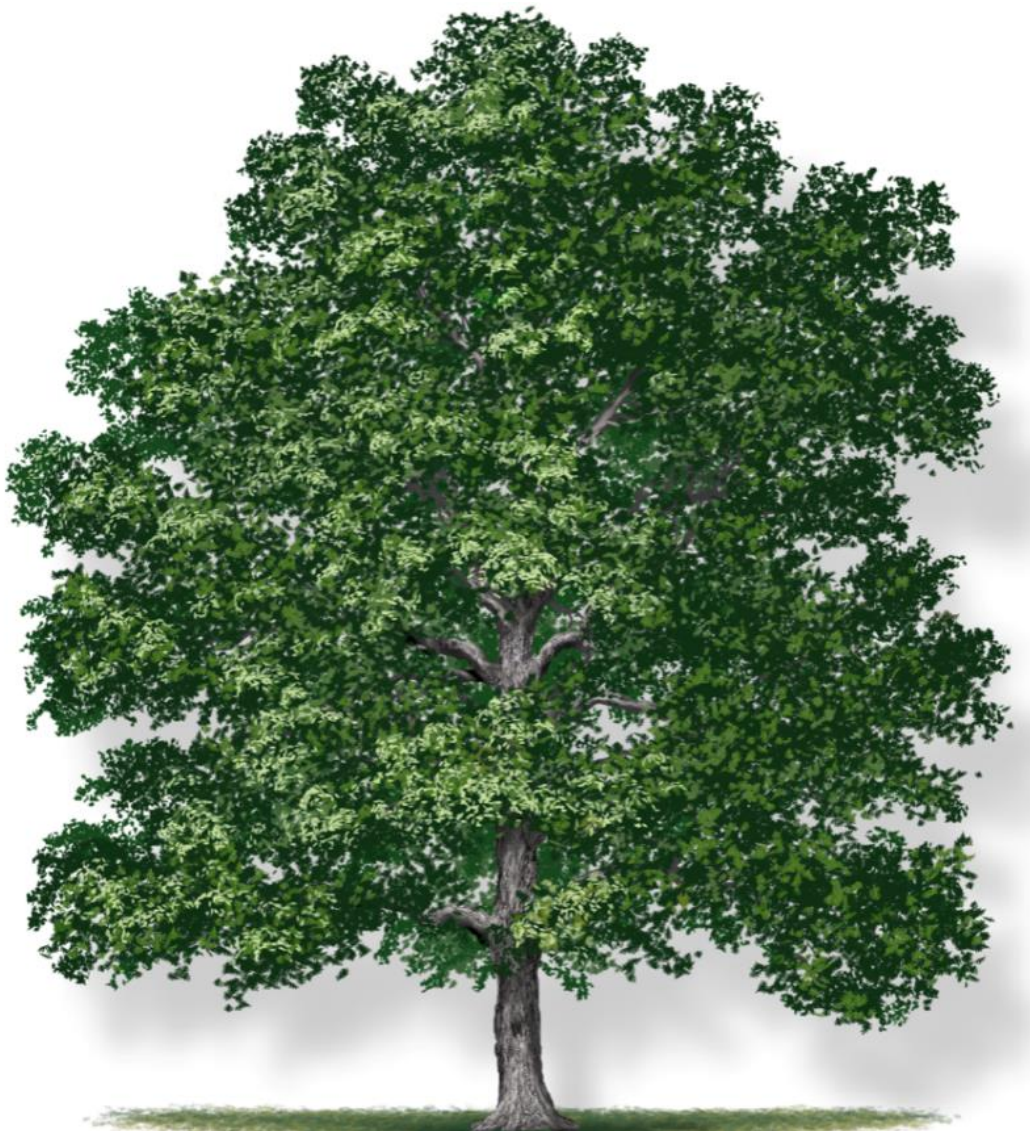
Crushing strength is a measurement of the wood's maximum crushing strength when the force is applied to the ends of the wood (compression is parallel to the grain). This number is a good indicator of the wood's strength in applications such as deck posts, chair legs, or other circumstances where the load being applied is parallel rather than perpendicular to the grain.

In practical terms, the number itself isn't all that meaningful, but it becomes useful to use in comparison with other woods. For instance, Ipe is known to have excellent strength properties among imported species, and has a crushing strength of 13,510 lbf/in<sup>2</sup> (93.1 MPa). In comparison White Oak is a well-known wood used in cabinetry and furniture, and has a crushing strength of 7,440 lbf/in<sup>2</sup> (51.3 MPa), and Redwood is commonly used for decking, and has a crushing strength of 5,690 lbf/in<sup>2</sup> (39.2 MPa).

If you have questions regarding lumber terminology or a specific wood, contact me at [wood@coloradowoodworkersguild.org](mailto:wood@coloradowoodworkersguild.org).

## **White Oak**

White Oak is the most common of eight to twelve quercus alba species. They are harvested mostly from the Eastern United States. These trees thrive in rich, well-drained soil.



**White Oak Tree**



**Tree Trunk & Branches**

**Leaves and Acorns**

Here is a summary of the characteristics of **White Oak**:

**Distribution:** Eastern United States

**Tree Size:** Height of 65-85 ft (20-25 m) tall, 3-4 ft (1-1.2 m) trunk diameter

**Average Dried Weight:** 47 lbs/ft<sup>3</sup> (755 kg/m<sup>3</sup>)

**Specific Gravity:** (Basic, 12% MC); .60, .75

**Modulus of Rupture (MOR):** 14,830 lbf/in<sup>2</sup> (102.3 MPa)

**Modulus of Elasticity (MOE):** 1,762,000 lbf/in<sup>2</sup> (12.15 GPa)

**Crush Strength:** 7,370 lbf/in<sup>2</sup> (50.8 MPa)

**Janka Hardness:** 1,350 lbf (5,990 N)

**Shrinkage:** Radial, 5.6%; Tangential, 10.5%; Volumetric, 16.3%; T/R Ratio, 1.9

**Heartwood Appearance:** Light to medium brown, commonly with olive cast

**Sapwood Appearance:** White to light brown

**Grain/Texture:** Straight; coarse, uneven texture

**Stability:** Medium

**Relative Strength:** Fairly high, 23-26.9

**Decay Resistance:** High

**Workability:** Good results with hand and machine tools; glues, stains and finishes well

**Odor:** Tell-tale smell common to most oaks

**Toxicity:** Sensitizer

**Potency:** Weak

**Toxicity Source:** Leaves, bark, and dust

**Reaction:** Eye, skin and respiratory

**Sustainability:** Not listed as threatened

**Uses:** Furniture, cabinets, interior trim, flooring, panel stock, boats, barrels

**Typical Cost:** \$4-9 / bd ft

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, Newsletter Woods Contributor*

## Toolbox Alerts

### Rockler

- The Rockler has an online digital flyer which you can access at <https://flyer.rockler.com/july/Big-Annual-Garage-Sale-2022/1/>. It features their big annual garage sale with savings from 15-25% on many items.

### Woodcraft

- For the whole month of July Woodcraft has some great 50% off savings on a WoodRiver In-Line Ceramic Peeler Kit, a Groz 8" Steel Compass, Purpleheart ¾" boards, a GYOKUCHO Kataba 255mm Saw, and Domestic and Exotic Pen Blanks. They continue to offer numerous classes priced between \$95 and \$360. Go to their website at [woodcraft.com/stores/\(enter store location\)](http://woodcraft.com/stores/(enter store location)) for details.

[Editor's Note: We are looking for inputs from members each month on great woodworking tool and accessory deals that you are aware of and that are available sometime in the next month or so. The input should include a short description of the item(s), where they can be purchased with web address or location and phone info, price, and any info on your experience with the item(s). Items can include excess tools and items you want to get rid of. Call me at (719) 964-9570 if you know of an item and then I will ask you to submit a descriptive paragraph to me at [JoeLenhoff@gmail.com](mailto:JoeLenhoff@gmail.com), or to [newsletter@colowood.com](mailto:newsletter@colowood.com) to add to this column. Toolbox Alert descriptions will have to be to me about 9-10 days before each meeting to get them into the newsletter.]

### Sponsor's Corner [A revived column]

[Editor's Note: We are looking for a monthly spotlight on a sponsor. Any members who know one or any of our sponsors fairly well, and would be interested in writing a short piece about them, please contact me at [newsletter@colowood.com](mailto:newsletter@colowood.com). Again, Sponsor Corner spotlight articles will have to be to me about 9-10 days before each meeting to get them into the newsletter.]

**Note: Next month we hope to announce one or two new CWG sponsors located in the Colorado Springs area.**

# CWG Sponsors

**A Cut Above** 16512 16512 Arminta St. Van Nuys, CA 91406 Phone:800-444-2999

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

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

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

**Bear Woods Company.** 6099 228 Street, Langley, BC V2Y 2L3 Canada. Phone: 800 565-5066. Fax: 888 599-1118. Website: [www.bearwood.com](http://www.bearwood.com)

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

Website: [www.wood-veneers.com](http://www.wood-veneers.com)

**Bridge City Tool Works,** Harvey Industries International DBA Harvey Industries, 10830 Ada Ave, Montclair, CA. 91763. 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.

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

**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.

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

**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.signaturesmedallions.com](http://www.signaturesmedallions.com)

**TC Woods,** 5406 County Road 23 Ft. Lupton, CO 80621. Phone: 303-666-8989.

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)

**Where Wood Meets Steel & Denver Wood Slabs,** 4903 Washington Street, Denver, CO 80216. Phone: 720-780-7752. Websites: [www.wwms.net](http://www.wwms.net) & [www.denverwoodslabs.com](http://www.denverwoodslabs.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>

## 2022 Board Members



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