



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

Colorado Woodworkers Guild October 2021 Newsletter



President's Corner

Wilbur Goltermann, President

Hola amigos,

Mexico is great fun, but I miss being able to participate in Guild meetings, and that's not gonna change until we have a means of integrating our remote meeting participants into the live meetings.

Luckily the Audio Video Production Committee (AVPC) is making progress on the installation of the hardware, and Cary is independently trying things which he believes might allow him to bootstrap our way into integrating Zoom attendees into the meetings in Rockler's basement. The AVPC has begun meetings to start the hardware installation, but they need the expertise of The Guild's design and woodworking skills to help create a producer's workstation for the system. Please step up and let us know of your interest in participating to me and Larry Abrams at the following addresses:

Larry Abrams <treasurer@colowood.com>, Wilbur Goltermann <president@colowood.com>

To give you an idea of what will be needed, you may see a PDF file showing a first draft of what the workstation might look like by following this link

- <http://coloradowoodworkersguild.org/images/pdf/FRWVideoProducersDesk.pdf>. Thanks to The Front Range Woodturners videographer, Richard Kuivila for this drawing.

We also need someone to step into the Audio Video Committee chair that was so precipitously vacated a couple of months ago. Though two members volunteered for the committee, one dropped out shortly thereafter, and we need additional volunteers for the committee in addition to a chairperson.

As a final note, we need to be ready for upcoming elections at the November meeting. I will be stepping down as president, so we need people running for that position. Would those of you who currently hold positions - either on the executive Committee, or in non-elected positions - please let our Vice President, Devon Lindsley know (Devon Lindsley <vicepresident@colowood.com>) of your willingness to continue, or desire to resign. Or if you are not currently holding a position, inform Devon of your willingness to volunteer to help.

Meanwhile, I hope to see you at next week's meeting.

Wilbur Goltermann, President

Show and Tell

The show and tell items at the September meeting included entries from five members.

First up was Dale Bowlin, showed us a funeral urn. We make these for the unclaimed cremains of people who have served in one of our military branches. This is done in cooperation with the Vietnam Veterans of America. At the moment we need some additional urns and Dale brought this in to show how to make one. Here is Dale's urn:



The urn is made with Red Oak repurposed from a Church Pew, joinery is done with Festool Dominos and Dowels. It is finished with Light Walnut Watco.

Next up is a Salt and Pepper shaker from our Vice President Devon. These were her first woodworking project made when she was eleven years old. Here are Devon's Shakers



They are made from Maple and Cherry, and they were finished with beeswax.

Next is a table made by Jim Barry. Jim's Table is made from Walnut and Alder finished with a wipe on poly. Here is Jim's table:



Next, we have a Tea Light made by Dennis Edmounds. It is made from Maple, Walnut and Mesquite Scraps and finished with Tung Oil



Finally we had two entries from Don Prorak.

The first was a Triviti made from Cherry, Oak, Walnut and repurposed wine bottle corks! He finished the Triviti with Maloof Poly/Oil



Second were some bottle stoppers he made from Hempwood, Maple and “some kind of hardwood”. These are turned using various techniques and finished with Spray Laquer.



The winner of the night was Jim Barry and his table.

Thanks to all who participate. Please consider sending me some pictures prior to the next meeting. Include a brief description of the project and a couple of pictures. If possible, get them to me a week before the meeting so I can prepare for the meeting itself. I can be reached at showandtell@coloradowoodworkersguild.org
Thanks, and see you at the September 2021 meeting,

Cary Goltermann, Show and Tell Administrator

Meeting Presentations

September 2021 Meeting

On 21 September, 2021, we were honored to have a guild presentation by Mr. Ethan Hutchinson, of Ethanhutchinson.com, where he displays an amazing talent for building furniture in the Maloof and Nakashima styles. He also has a woodworking school and is expecting it to start up again in the spring. Mr. Hutchinson presentation was on balancing furniture design.

Mr. Hutchinson started the discussion by showing slides of a commission he is doing that involves a large cherry table and a set of chairs to match. Apparently, the customers specified an interest in Cabriole legs, which he provided for the chairs, in cherry. He had difficulty with the support base of the table, as he felt that cabriole legs would create too weak of a table support, as the top weighs close to 500 pounds. So first he tried a pedestal base design, but ended up with a Nakashima styled conoid curve design that reflected the design of the chairs. He explained how he created the top from 2 slabs of cherry and a 1/8" spline between them. He explained the use of faux slabbing, i.e., creating a fake live edge to the slabs.

Mr. Hutchinson advised that when designing, and you have no idea on how to build it, build each component separately. With his 3-dimensional curves, he incorporates roughing out on the bandsaw, then dominoes for assembly.

He concluded the presentation with advice on design. He recommended we go to Tage Frid's or Norm Abrams' books for design inspiration. In addition, he uses the Sketchup software for presentation to the customers, but paper sketches for the actual design effort.

October 2021 Meeting

Our October 19 meeting presenter will be by the Denver Rockler store manager **Rich Johnson**. Mr. Johnson's topic will be Finishing The Finish. He plans to explain the current finishes available, the old standbys, and what the manufacturers fail to tell you about finishing. His objective is to help us get a mirror smooth finish every time. As many of you know, Mr. Johnson has been the manager of the Denver Rockler store for quite a long time. He has been an eminent resource for all things woodworking and he is an expert on finishing techniques. He is cognizant of new products and how and when to use them.

I am sure, that we all can learn something new from Rich on October 19th.

Mike Zelman, Programs Chair

About Wood

In this month, October 2021, we look at **Verawood** (**Bulnesia arborea**; syn. **Bulnesia sarmientoi**), is a small to medium size evergreen flowering tree from the caltrop (Zygophyllaceae) family. **Verawood** is also known as Maracaibo lignumvitae, guayacan, and bera cuchivaro.



Verawood Tree



Leaves and Flowers



Leaves & Seed Pods



The Wood

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.

Verawood

Here is a summary of the characteristics of the **Verawood** tree:

Distribution: Native to coastal areas of Colombia and Venezuela

Tree size: Typically 40 - 50 ft (12-15 m) tall; 1-2 ft (.3-.6 m) trunk diameter; very mature, old growth trees can be over 100 feet tall and 2 foot in diameter

Average Dried Weight: 74 lbs/ft³ (1,190 kg/m³)

Specific Gravity: (Basic, 12% MC): 1.01, 1.19

Modulus of Rupture (MOR): 26,900 lb_f/in² (185.5 MPa)

Modulus of Elasticity (MOE): 3,573,000 lb_f/in² (24.64 GPa)

Crush Strength: 13,2900 lb_f/in² (91.7 MPa)

Janka Hardness: 3,710 lb_f (16,520 N)

Shrinkage: Radial, ≈6%; Tangential, ≈8%; Volumetric, ≈13%; T/R Ratio, ≈1.3

Heartwood Appearance: Heartwood can range from pale yellowish olive to deeper forest green or dark brown to almost black; will darken with age; sapwood is pale yellow and nicely distinguishable from heartwood

Grain/Texture: Grain is straight to spiraled or slightly interlocked: fine even texture with very high natural luster

Stability: Dries very slowly; drenched with oil and resins

Relative strength: High

Decay Resistance: Considered one of the most durable woods in the world; outlasts most treated timbers

Workability: Difficult to work with hand or machine tools because of high density; will dull cutting edges quickly; recommend light passes with cutters; difficult to glue because of oil content; turns nicely and will take a high polish; finishes well

Odor: Perfume-like fragrance

Toxicity: Reported to cause sneezing and like Lignum Vitae, may cause skin irritation

Potency: Low to moderate

Toxicity Source: Wood dust

Reaction: Sneezing and possible skin irritation

Sustainability: Is listed in CITES Appendices; reported by the IUCN as being conservation dependent

Uses: Boat building, tool handles, mallet heads, bearings, bushings, pulley wheels, heavy construction, and turned items

Typical Cost: Mid to upper range of imported exotic woods

Comments: Similar in appearance and working characteristics to Lignum Vitae; trade of Lignum Vitae is restricted; Verawood is a popular substitute, but even then, there are some restrictions. Verawood trees have been brought into Florida as ornamentals.

Sources: The Wood Database; 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.

Lindy Baer, Newsletter Woods Contributor

Toolbox Alerts

Rockler (Ongoing Items)

- The Rockler Denver store is celebrating the Grand Opening of its expansion during the month of September with giveaways and free special events on Saturdays starting in September going through 30 October. The new expanded store area has items moved out of the old store space, but most importantly, has a huge hardwood lumber outlet area. Check it out.
- The Denver store only is having a Rockler router table giveaway. Just go to <http://rockler.com/denver-giveaway-router-table> between 4 Sep and 30 Oct to enter.

Woodcraft Colorado Springs

- For the whole month of October Woodcraft has some great 50% off savings on their WoodRiver 6" Diamond Stone, their WoodRiver Heavy-Duty ½" Keyed Lathe Drill Chuck , and a mm No. 400 saw. RazorsawCrosscut 240.
- In October Woodcraft is offering six in-store classes ranging in price from \$80 to \$225 each at the Colorado Springs store. Call (719) 266-9889 for details.

Armor Tool

- Armor Tool is celebrating the launch of its Mini-Jig by holding a giveaway of their entire line of Armor tools worth \$1000 to five lucky customers who sign up for a drawing by the end of October on their web site at <https://armor-tool.com/mini-jig-launch-giveaway-1/>

[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, or to 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 . Again, Sponsor Corner spotlight articles will have to be to me about 9-10 days before each meeting to get them into the newsletter.]

CWG Sponsors

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

Website: www.acutabove.com

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

Website: 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

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

Website: 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. 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

Denver Woodworking Company, 2062 S. Bannock Street, Denver, CO 80223. Phone: 303-733-3130.

Website: www.denverwoodworking.com

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

Website: www.milehightreecare.com

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

Website: 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

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

Website: www.sears-trostel.com

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

Website: www.signaturesmedallions.com

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

Website: www.tcwoods.com

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

Website: 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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