



Colorado Woodworkers Guild

Encouraging all woodworkers in self-expression, craftsmanship and knowledge

October 2017

President's Message



Two newsworthy events are on tap for this month's meeting. First, we'll auction two live-edge slabs – one ash and the other mesquite – at the start of the meeting. A picture and description of

them appeared in our August newsletter. Bring your cash or checkbook. Be prepared to carry home a beautiful specimen of wood that will turn into a memorable piece of furniture in your hands.

The second event is Marc Spagnuolo's (aka the *Wood Whisperer*) featured presentation. Marc is a podcaster, video producer, woodworking enthusiast, and author of the book *Hybrid Woodworking*. Marc's a contributor to *Fine Woodworking*, *Popular Woodworking*, and other magazines. Like so many of us, he began woodworking as a hobby but that soon morphed into a career he's been pursuing for decades. Don't miss what will be a lively presentation.

Don't forget! Officer elections are scheduled for November. The Board welcomes your nominations. Contact any Board member to nominate a Guild member to the Board. To be of more service, nominate yourself. We look forward to hearing from you.

By Jim McNamee

Attention, Toymakers

A few words for those good souls planning to make toys for the Guild's Holiday Toy Project:

First, if you're uncertain what to make or how to make them, the Guild's website has plans for a number of commonly made toys. Medium-size cars are popular and easy to make but feel welcome to choose whatever you wish.

Second, the Guild has a number of 1- and 2-inch wheels you can use on cars, trucks, and other wheeled vehicles. Let us know if you need another size. Just let me know at (303) 830-2555 or at charlesk13@gmail.com or Jeff Roth at (303) 517-7093 or at jeffroth@myawai.com and we'll make them available to you.

Third, we like to collect the toys from the middle to end of November at the Guild's storage room at Rockler's. Contact Charlie to make arrangements or just bring your work to the November Guild meeting.

Finally, please advise Charlie what and how many toys you plan to bring as soon as you know what that will be. It really helps us to plan distribution.

Thanks to all who participate. These toys are a huge blessing to those receiving them. They make an enormous difference to them.

By Charlie Kuechenmeister

community-service@coloradowoodworkersguild.org

Beautifully Blending Hobbies

Before fiberglass and carbon fiber composite fly rods, trout fishermen sported split cane poles made from various species of bamboo.

Manmade materials made manufacturing easier and fly rods less expensive. But modern fibers could not match the feel and performance of natural cane rods.

Guild member Jerry Madigan loves to fly fish. He particularly loves to fish with split cane rods. So what could be better than blending your two hobbies, making your own fly rod and catching trout with it?

Fly rods are typically nine feet long. To make transporting a rod convenient, they are usually made in two to four sections and assembled at stream-side into a full length rod.

Jerry builds each rod section separately. A section consists of thin bamboo strips carefully bundled together to form a segment having a hexagonal cross section. The bulk of Jerry's presentation described how he prepares and shapes each bamboo strip so that they'll fit snugly together when bundled into that hexagonal configuration.

Jerry starts with a dried length of bamboo called a culm. He sands down the nodes between culm segments before splitting it into strips using a froe.



Each split produces a strip 3-5 feet long. Jerry splits strips further until they are about 0.20-inch wide. Before going farther, he flames the strips to impart a darker color to them

Madigan removes the inner pith from the strips, leaving the stronger outer mantle of the bamboo with which to work. He squeezes the nodes with a vise-like press to make strips straighter. Strips are then beveled on two of their sides to give them a 60-degree triangular profile. Six strips will fit together to form a hexagonal rod section.

The degree of taper and the uniformity of taper determine the flex and "action" that will be in the finished rod. To make the rod thicker at its butt end and slender at its tip, each strip is tapered from one end to the other. Jerry tapers each strip with the help of a dedicated steel tapering jig and special hand plane. Accuracy is critical at this stage as an error of a just a few thousandths of an inch can ruin a strip.

Before bringing strips together to form a rod segment, strips are straightened once more by fastening them to a rigid metal bar, heating them, allowing their lignin to soften and bringing bamboo fibers into a straighter configuration.

Straightened strips having the proper shape and taper are glued together using EPON resin. Jerry binds them together, rolls them to straighten them once more, re-binds them and lets them rest until the resin is fully cured.

To finish off a rod, Jerry carefully dips rod segments in finish, turns a custom rod grip, adds guides, and applies metal ferrules and decorative touches to give his fly rod a



distinctive artistic flare.

It takes Jerry 45-60 hours to make one rod. He derives a great deal of pleasure from knowing that he's made a fly rod that's not only functional but a thing of beauty.

By Jim McNamee

Holiday Party

Please join us for the annual Colorado Woodworkers Guild Holiday Party.

Mark your calendars for December 9th now!

Watch this space for details!

Show & Tell

Following summer's end and a return to more fully attended meetings, we had a robust showing of Show & Tell submissions.

First off was Paul "Band Saw" Seipel with a half dozen plus pendants that were, ironically, not in now way made with a band saw. Paul used some heavily figured wood that he attests grew in the form of a tree but would not specify any further details. With this tree wood, he used a variety of dyes and reactive paints to make some stunning pendants.



Next was Mike Carr with a large case full of pens that he's made. Mike began making pens about three years ago and apparently became afflicted with a sickness many of us have contracted in which we reason that if one is good, a lot more is a lot better. In Mike's case, he's made roughly 500 pens. Mike noted that he's used about 20 different woods in making this pen collection.



Bill Knoll brought in another piece from his “picket series” of projects. Bill brought in a bench he made to go on his front porch for the coming fall/Halloween season, which will sit next to his front door and provide a resting place for a weary scarecrow.



Bill made a second bench that he donated to the Cherry Creek Retired Persons annual fund raising auction. Bill’s choice of material was fence pickets with an all-natural finish consisting of 40+ years of Colorado sun and weather.

Ed Lippert brought in a turned ash box with a matching lid. Ed noted that the burl sections had some small soft knots that popped when he was working. When faced with option of how to deal with these vacated knots, he opted for the embellishment option and used brass to fill the voids.



Dale Bowlin, knowing that there’s no single item submission limit, brought in a couple of things. First was a solid oak section of a bench that is his version of a Moxon vise, that he then decorated using his handy CNC.



Personally, I’m a fan of making shop pieces look nicer than they have to so that they’re both functional and nice to look at. Dale also brought in an oak sign he made with his CNC that looks for all the world like a Jack Daniels label.



The evening’s winner was Marcel Braun’s Cherry tray table. Marcel noted that a lot of template routing was involved to make the piece. He also noted his biggest nightmare in making the piece was dealing with the blasted hinges.



For Marcel’s first table, it’s a resounding success despite the nightmares.

Thanks to everyone who brought their work to share with the group. Remember that Show & Tell is one of the staples of meeting, so please continue to bring your pieces and tell the rest of us what you’ve been doing.

*Kevin Loyd
Shows & Exhibits*

About Wood

This month we consider **Pacific Yew (*Taxus brevifolia*)**, also known as **Western Yew, Oregon Yew, or Yew**, a large-size tree from the family Taxaceae, the yew family. The Yew group consists of nine species, of which at least four are native to North America. Other species are found in Europe, China, Southeast Asia, and Japan.

Both an illustration and additional information are at the end of this article.

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.

Here is a summary of the characteristics of *Pacific Yew*:

- Distribution: Western coast of North America from Alaska to Northern California; east into British Columbia, Idaho, and Montana
- Tree size: 30-60 ft (10-15 m) tall; 1-2 ft (0.3-0.6 m) trunk diameter
- Average Dried Weight: 44 lbs/ft³ (705 kg/m³)
- Specific Gravity: (Basic, 12% MC): .60, .71
- Modulus of Rupture (MOR): 15,200 lb_f/in² (104.8 MPa)
- Modulus of Elasticity (MOE): 1,350,000 lb_f/in² (9.31 GPa)
- Crush Strength: 8,100 lb_f/in² (55.9 MPa)
- Janka Hardness: 1,600 lb_f (7,120 N)
- Shrinkage: Radial, 4.0%; Tangential, 5.4%; Volumetric, 9.7%; T/R Ratio, 1.4
- Heartwood Appearance: orangish brown, sometimes a darker brown or purplish hue; darkens with age
- Sapwood Appearance: thin band of pale yellow or tan
- Grain/Texture: straight; texture fine and with good natural luster



- Stability: must be slowly and carefully seasoned; use end grain coatings
- Relative strength: hard and strong, but flexible
- Decay Resistance: resists decay and resistant to insect attack
- Workability: easy to work; glues, finishes and turns well
- Odor: no characteristic taste or odor
- Toxicity: Irritant and direct toxin
- Potency: high
- Toxicity Source: normal wood dust precautions; nearly all parts of tree considered toxic and poisonous to humans
- Reaction: respiratory, nausea, headache, and cardiac effects
- Sustainability: slow growing; considered to be rare
- Uses: bows (archery), veneer, cabinetry, furniture, carvings, musical instruments, and turned objects; bark and leaves are a source of taxes, an agent for treating cancer
- Typical Cost: relatively high
- Comments: among the hardest of all softwood species; extremely flexible yet strong; wood was choice for medieval longbows in warfare

If you have questions about a specific wood, don't hesitate to send a note to wood@coloradowoodworkersguild.org.

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Frank Paxton Lumber Wood of the Month

The featured Wood of the Month for October from Frank Paxton Lumber is four-quarter (4Q), S3S Cherry in random widths and 6- to 7-foot lengths.

As always, call 303-399-6047 for pricing.

Sponsor Update: TC Woods, LLC

Mission Statement: We are dedicated to preserving as many trees as possible as wood products and to strengthen and increase our local, urban forest.

TC Woods (see www.TC Woods.com) is one of Colorado's premier Urban Sawmills. In 1995 Dan Odell, an arborist, was no longer content with dumping or chipping wood waste generated by home owners and arborists who remove trees. Valuable logs that could be cut into lumber and commercial wood products were included in this "urban waste." Using an attachment to his chainsaw to create a band saw, he began sawing logs into lumber. In 1996 he opened TC Woods in Ft. Lupton to receive logs and manufacture lumber from any species of wood that grows locally. This now includes over 20 species of hardwoods as well as native softwoods and poplars.

TC Woods is open five days a week. They offer custom milling and a variety of partially or fully furnished furnishings. Their inventory includes both rough-sawn and finished lumber, natural edges, ready-made tabletops, shelving, trim mantles, beams, and boards from 6 inches to 4 feet wide and 2 to 14 feet long. Custom milling services can be as small as 6-8 inches and 3 feet long (greatest efficiency is for 1 to 3 feet in diameter in 4 to 14 foot lengths). They have the capability to band saw mill up to 40-inch diameter x 20-foot logs.

The TC Woods website includes information on a number of wood related topics that may be of interest. Members can also contact the Guild's Liaison to TC Woods.

TC Woods website: www.TC Woods.com

Telephone: 303 666-8989

Address: 5406 CR 23
Ft Lupton, CO 80621

Guild Liaison for TC Woods is Bob Beason
liaison-tcwoods@coloradowoodworkersguild.org

CWG Sponsors

The Colorado Woodworkers Guild is fortunate to have a number of companies as sponsors. Our sponsors help the Guild with programs, materials, supplies, facilities, display space, financial, and other means. In many cases, Guild members are able to obtain discounts from our sponsors (except for power tools and sale items). Please note: Guild discounts only apply to in-person purchases in the store (except where noted) and are not available at any sponsor's online store. You must show a current membership card to obtain the discount

A Cut Above 16512 Arminta Street 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

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

Website: www.wood-veneers.com

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

Website: www.usedtoolsplus.com

Collector's Specialty Woods 4355 Monaco Street, Unit A, Denver, CO 80216 (Denver showroom and warehouse) and 8055 County Road 570 Gardner, CO 81040 (southern Colorado wood yard, kiln drying facility, woodshop, and another showroom) Phone: 800-746-2413

Denver Woodworking Company 2062 S. Bannock Street Denver, CO 80223 Phone:

303-733-3130 Website: www.denverwoodworking.com

EZ Dado 5220 E. 130th Circle Thornton, CO 80241 Phone: 303-902-8134

Website: www.ezdado.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

Reclaimed Boxcar Flooring Phone: 303-913-6373

Website: www.reclaimedboxcarflooring.com

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

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

Website: www.signaturemedallions.com

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

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>

Membership

***Membership Problems? Send an email to
programs@coloradowoodworkersguild.org***

Many of you prefer to pay by check either at a meeting or through the mail. To support this, a new web page has been added. If you go to <http://ColoradoWoodworkersGuild.org> and look under **About**, you will see **Pay for Membership by Check**. Click on this and you'll be taken to a page where you can fill in your info and print the page. If you log in first, most of the info will be filled in for you so I won't have to decipher your handwriting (no offense) and the data will be machine-readable. Mail the page to CWG with a \$30 check or bring it to a meeting with your check.

**Colorado Woodworkers Guild
P.O. Box 100996
Denver, CO 80250**

Membership status as of this writing:

107 Members paid through the end of 2016

189 Members paid through the end of 2017

What is an active membership? A membership is valid through the end of the calendar year. If you have not renewed for 2017, your membership was still considered active until 1 April 2017.

I have begun to disable memberships for those who have not renewed for 2017. If your membership becomes disabled and you have renewed for 2017, please let me know. We have had some issues with PayPal renewal from our web site.

Now is a great time to renew your membership.

The 2017 member cards look like this (member name/expiration in red text on a white background). If your member card does not look like this, it has expired.



If you believe that you have renewed for 2017 and do not have a current membership card, please let me know. Send an email to programs@coloradowoodworkersguild.org and I'll address the problem. Thanks.

Cary Goltermann - Assistant to the Membership Chair

2017 Guild Officers



Jim McNamee - President
president@coloradowoodworkersguild.org



Clifford Whitehouse - Vice President
vice-president@coloradowoodworkersguild.org



Laura Peterson - Treasurer
treasurer@coloradowoodworkersguild.org



Gary Glatthar - Secretary
secretary@coloradowoodworkersguild.org



Bob Kleinfeldt - Board Member at Large & Newsletter Editor
 (email address pending)









Guild Committee Chairs



William Knoll - Audio-Video Committee
video@coloradowoodworkersguild.org



Stan Wolpert - Classes Chair
classes@coloradowoodworkersguild.org

	Charles Küchenmeister - Community Service Committee Chair community-service@coloradowoodworkersguild.org
	Bob Kleinfeldt - Newsletter Editor newsletter@coloradowoodworkersguild.org
	Cary Goltermann - Programs programs@coloradowoodworkersguild.com
	Jack Brock - Publicity and Public Relations publicity-pr@coloradowoodworkersguild.org
	Kevin Loyd - Shows and Exhibits shows@coloradowoodworkersguild.org
	Chuck His - Librarian library@coloradowoodworkersguild.org
	Dick Daily - Refreshments hospitality@coloradowoodworkersguild.org
	Dennis Machlica - Membership membership@coloradowoodworkersguild.org



Michael Cunningham - Classified Ads
classifiedads@coloradowoodworkersguild.com



Wilbur Goltermann - Webmaster
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