



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

Colorado Woodworkers Guild

April 2016

President's Message

Guild's Website:

Have you ever logged in to the guild's website

(<http://coloradowoodworkersguild.org>)?

I suspect many of you have not. Our webmaster has been very busy improving the website. It may not look significantly different *but* the capabilities are significantly different.

We now have the ability to create groups that y'all could use to communicate within an area of interest.

One group we might create is a group of members living north of Denver. (We have a few in Longmont and at least one in Loveland.) These members might use this to coordinate a carpool to our monthly meetings. We might create groups of members sharing a common woodworking interest. You can now fix your username, password and user information online without any need for my help.

(Of course, I am still willing to help.) If you have a question about how to use our website, check out our FAQ at <http://coloradowoodworkersguild.org/index.php/public-corner/faqs>. If the list of FAQs doesn't answer your question, or the answer is unclear, please let me know and I will attend to improving the FAQ. You do not need to be logged in to see the FAQ page.

Auction:

We didn't have an auction in 2015 and unfortunately ended up spending more than we took in for the year. So, we are planning an auction for 2016. Got something to donate? We have room to store it. Drop an email to president@coloradowoodworkersguild.org or just bring it to a meeting.

April Meeting:

We have two mini-demos planned for April. Kevin Loyd will present a tool-sharpening/polishing machine of his own construction. And Dennis McCaigue will do a demo on



his sharpening techniques. If you have hand tools, any sharpening approach should be of interest.

May Meeting:

Member Mike Farrinton (who gave a mini-demo on Variable Frequency Drives a few months back) will give us a presentation on his technique to make hand-cut dovetail joints. His method uses a few shop-built jigs, two cheap handsaws and a palm router (his words not mine). Here are some pics of his work:

Future Meetings:

Presentations are being planned for June, July and the following months. As we firm up our plans, information will be posted on coloradowoodworkersguild.org. If you have any suggestions for a presentation, please drop me a line

Cary Goltermann - Le Président

[Go to Website to see latest Upcoming Meetings, Classes, and Events](http://coloradowoodworkersguild.org)

Membership

Membership Problems??? Send an email to president@coloradowoodworkersguild.org

Do you have issues with your CWG account at <http://coloradowoodworkersguild.org> such as?

- Unable to remember your username?
- Can't remember your password?
- Want to change your username, password, address, woodworking interests or other item associated with your memberships?

These issues can now be handled on line! I am still happy to help as needed.

Go to <http://coloradowoodworkersguild.org/index.php/public-corner/faqs> where you'll find instructions for all these issues and more. You do not need to login to view this information. Take a look!

Happy April!

Here is the membership status as of this writing (April 2, 2016):

89 Members paid through the end of 2015
210 Members paid through the end of 2016
210 Active memberships total

Total 210 **active** memberships. Wait! What? Yup, all members whose memberships expired at the end of 2015 are now inactive and their accounts have been disabled. Can't check books out. Can't take classes.

If your account is lapsed and has been disabled, it does not mean you cannot renew. You are always welcome. Wanna know how to renew? Go to <http://coloradowoodworkersguild.org/index.php/public-corner/faqs/details/7/1/faqs-applying-for-guild-membership>.

The 2016 member cards look like this (member name/expiration in black text on a yellow background). If your member card does not look like this, it has expired.



Cary Goltermann - Assistant to the Membership Chair

Community Service

KIDSPREE

(Bird House Project)

SECOND CALL FOR VOLUNTEERS

The City of Aurora will hold its annual KidSpree event this year on June 11. The Guild is again participating this year by building bird house kits and helping kids assemble the bird houses at the event. The Community Service Committee is looking for volunteers to help build and assemble the kits, and to staff the Guild booth at the event. The key to a successful event is having enough volunteers at the vent to spread the work over as many sets of hands as possible. The event runs from 10 am to 6 pm. We try to break that into two four-hour shifts so nobody has to spend the whole day there if they don't want to. We need between six and eight people to staff each shift. We are already well into production of the kits, but the critical part of this effort is staffing the booth at the event, and we still need more volunteers for this part of it. If you are interested, a sign-up sheet will be available at the next Guild meeting, or you can contact Charlie Kuechenmeister at charlesk13@gmail.com or Jeff Roth at jeffroth@myawai.com, or let one of us know at a Guild meeting. It's a fun time. All are Welcome!



Show and Tell March 2016

The show and tell items for March included pieces from five members, but they were of completely different techniques/disciplines, really showcasing the variety of skills our members possess.

Dennis Fanning brought in a carving of a brown trout. This was Dennis's first attempt at carving and it came with some lessons. Dennis wanted to use glass eyes for the fish and purchased a set, but found that they were much too large. He had to get different eyes to avoid having a fish with unnaturally large, creepy eyes that would undoubtedly follow everyone across the room.

Jim McNamee brought in photos of a queen-sized headboard he made. Jim's excuse was that the headboards were either too large or too heavy to bring so he opted for the photo documentation of his project. This is always a good alternative to avoid hernias and the like as opposed to making big items and not sharing at all. This headboard was also a first for Jim as he had previously not done any marquetry/veneer work. Jim's wife wanted a headboard that captured the Rockies. Well as many people know, when the better half asks for a something you haven't done before, you can't say "no," you just have to learn something new. Jim executed the scene with a mix of natural cherry and purple heart veneers and commercially dyed poplar and birds-eye maple veneers.

Kevin Loyd brought in a toothhing plane he made for doing traditional veneer work. Kevin made the plane in the Krenov-style of construction to fit an old toothhing plane blade that had long been orphaned from its original plane body. Would that qualify as an "out-of-body experience"?

Bill Knoll shared his magnetic mushrooms on condition that they not be included in the voting. Bill's granddaughter is a prolific artist, so understandably Bill's refrigerator is covered in his granddaughter's artwork. To be able to hang so many pieces Bill has resorted to turning small mushrooms and gluing a magnet in the base of each. This also makes for an improvement over the conventional refrigerator magnet. Interestingly, Bill's granddaughter also discovered that sheet rock corner bead is magnetic, so now the granddaughter gallery has expanded from the fridge to the sheetrock corners in the house.

The winner of the night was **Dale Bowlin** for his quilt/blanket rack. Dale and his wife are making two of these for an upcoming charity auction. Dale used shed-ua, which in his words was "tedious" to use in the cold glue laminating process. The good thing is that Dale isn't doing this entirely on his own. Dale's wife is the chief finisher and has been using hand-rubbed tung oil to make these look their best.

Thanks to everyone who brought in pieces for the show and tell. In March we had turnings, glue laminations, carving, veneering, and plane making. Please be sure to bring in your projects, or photos if they are too big, so that the rest of the group can see what you have been doing.



March Presentation



French Marquetry Seen through an Expert's Lens

Scott Roth, a Guild member and former president of the Rocky Mountain Marquetry Guild, was the featured speaker at our March meeting. Scott spoke about the history of French marquetry. He recently visited many museums, palaces, churches, galleries and antique stores in France, searching for the finest examples of French marquetry. Scott shared dozens of photographs he snapped during his sojourn.

Roth began by recounting the early roots of this decorative art. During the height of the Roman Empire, *pietre dura*, the craft of cutting and inlaying colored stones to make geometric and figurative designs, was usually applied to patio floors, columns and walls. Over the centuries this technique was interpreted in wood, first in the form of inlays and intarsia, and then later as marquetry. Inlays and intarsia embed a piece of wood into a small portion of an object's surface leaving the majority of the original surface visible. Marquetry creates patterns from very thin pieces of veneer that cover most of or the entire surface. Designing and applying marquetry requires highly skilled hands and a supply of unusual and often expensive hardwoods, a combination that means that such decorated case goods were a luxury available exclusively to the wealthiest households.

European woodworking reached new height of refinement in the 16th and 17th centuries. Woodworkers began to specialize in various aspects of their craft. Some, known as *menuisiers* in France, specialized in joinery techniques and furniture design. They fabricated the basic carcasses for various pieces of furniture such as chests, cabinets and tables. A few *menuisiers* progressed further and specialized in applying decorative veneers to furniture carcasses, giving them an opulent appearance. One of the rarest and most precious veneers used for this purpose was ebony. It is from this wood that highly skilled French veneer artisans came to be called *ébénistes*.

Pierre Golle (1620–1684) was perhaps the most renowned of the *ébénistes*. His son-in-law, André-Charles Boulle (1642–1732), went on to found a dynasty of Parisian *ébénistes* and lent his name to a technique of marquetry employing tortoiseshell and brass along with pewter in arabesque or intricately

flower designs.

Scott found outstanding examples of their marquetry in the Louvre Museum, the Palace of Versailles and several small royal residences of the Sun King, Louis XIV (1638–1715). A pattern particularly favored by Louis XIV is known as *trompe-l'œil* (French for "deceive the eye"). In its simplest version, the "Louis cube," a repeated pattern of cubes, is fashioned from alternating shades of veneer.

Some say this pattern resembles a three-dimensional staircase. More complex patterns composed of repeating shapes of diamonds or rhomboids, referred to as lozenges, required even greater skill to assemble.

Scott brought along samples of early 20th century marquetry veneer he purchased around Paris. By this time, marquetry veneers were beginning to be mass produced to decorate furniture in households of more modest means. The size and proportions of these pieces suggest they were meant to be applied to drawer fronts.

Scott's presentation generated many interesting questions, which he stayed on to answer.

By Jim McNamee



About Wood

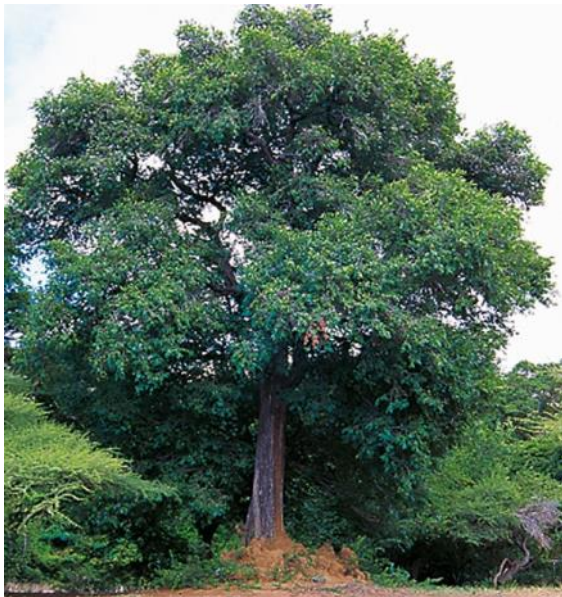
For April 2016, as in March, instead of staying with North American woods, we consider **Gabon Ebony**. **Gabon Ebony**, one of several ebonies (over 700 species of deciduous and evergreen trees, shrubs and small bushes, mostly in the tropics) in the family *Ebenaceae* is often used as inlays, in musical instruments, in carving, and for other accents in fine wood-working pieces. Two common ebonies are Macassar ebony from Southeast Asia and the Philippines and Common Persimmon from the Southeastern United States.

The tree known as **Gabon Ebony** is also called **Nigerian ebony** or **black ebony** and the scientific name is *Diospyros dendo* (may also appear as *Diospyros crassiflora*). **Gabon Ebony** grows in Africa from Ghana to the Congo, especially in coastal areas.

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.

Gabon Ebony

Gabon Ebony generally does not grow anywhere except in the coastal forests of equatorial West Africa.



Here is a summary of the characteristics of **Gabon Ebony**:

Distribution: Coastal regions of equatorial West Africa

Tree size: 50-60 ft. (15-18 m) tall; 2-3 ft. (0.6-1.0 m) trunk diameter

Average Dried Weight: 60 lbs/ft³ (955 kg/m³)

Specific Gravity: (Basic, 12% MC): .82, .96

Modulus of Rupture (MOR): 22,930 lbf/in² (158.1 MPa)

Modulus of Elasticity (MOE): 2,449,000 lbf/in² (16.89 GPa)

Crush Strength: 11,060 lbf/in² (76.3 MPa)

Janka Hardness: 3,080 db_F (13,700 N)

Shrinkage: Radial, 8.3%; Tangential, 11.2%; Volumetric, 19.6%; T/R Ratio, 1.3

Heartwood Appearance: usually jet black with little variation or visible grain

Sapwood Appearance: white to yellow and clearly demarcated

Grain/Texture: straight, though sometimes interlocked; fine even texture with very high natural luster

Stability: excellent

Relative strength: excellent

Decay Resistance: excellent

Workability: can be difficult to work because of high density; has dulling effect on cutters; gluing can be difficult because of high oil content

Odor: mild, slightly unpleasant odor when being worked

Toxicity: reported as an irritant and sensitizer

Potency: high; severe reactions are uncommon

Toxicity Source: mostly dust and wood

Reaction: eye, skin and respiratory

Sustainability: threatened and highly controlled

Uses: parts of musical instruments, turning, furniture accents, inlays, carvings

Typical Cost: very high, perhaps \$100 per board foot; sometimes difficult to obtain

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

Sponsor's Corner

Profile

Tool Zone: Your Tool Superstore

The Tool Zone (see www.toolzone.com) has been associated with and supported the Colorado Woodworkers Guild since 2011. The Tool Zone was founded in 1995 to serve the greater Denver, Colorado metro area tool enthusiasts, contractors and do-it-yourselfers. They occupy 10,000 square feet of retail and warehouse space at 8651 Grant Street in Thornton. Their staff has extensive experience of tool and equipment experience.

Tool zone aims to offer outstanding customer service with the highest quality products at the lowest possible prices. Their website at toolzone.com offers online services for the same products found in their retail space. They have an extensive line of woodworking power and hand tools along with tools for other crafts and industries.

Guild Liaison for Tool Zone is Bob Kleinfeldt

Mile High Tree Care

Our company, Mile High Tree Care, just loaded our big kiln on the last day of February with the best wood we've ever cut. There are 8 heavily figured Box Elder slabs that are 10/4th and 4ft X 11ft long. Also loaded were 8 flitches of Black Walnut, Ash, Maple, Locust, Elm and Russian Olive. This load should be dried in about 2 months, and is truly amazing wood so mark your calendars for the beginning of May.

Owner Steve Elder traveled to Oregon in March to purchase a 50" planer with a helical head so that Mile High would be able to plane our slabs to a flat smooth surface. This addition will then afford woodworkers a far more user friendly product to take home and work with immediately. It will position us to sell our finished slabs in a way equivalent to our competitors. We are also saving a lot of rounds for the wood turning projects and we will be having an Open House in June. When the exact date is set, I will be sure to let you know.

Lastly, I want to thank all those who attended our Grand Opening, Open House in November. We were very encouraged by the interest you have shown us and will continue to offer you the best possible wood slabs and other stock of the highest quality, at the best price of anyone in the area.

Austin Hardwoods Demonstration

Austin Hardwoods will be hosting **Festool Roadshow** on May 19th from 10:00 a.m. to 2:00 p.m. The traveling tool show has been popular in Europe and beginning a tour of the United States. The event will feature an up-close look at Festool's favorite and newest tools. Four Festool representatives will be on-hand to answer questions and demo each tool along with Austin employees. Austin will be hosting lunch to accompany the tool event.

Frank Paxton Lumber Wood of the Month

The featured Wood of the Month for April 2016 from Frank Paxton Lumber is Wormy Soft Maple #1 Common and Better. The wood is available four quarter (4Q), surfaced three sides (S2S), SLR -1E and in random widths and lengths.

They also have available is four quarter (4Q), S3S, KD Knotty Alder as well as a bin of extra wide "museum" quality hardwood lengths in varying thicknesses.

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

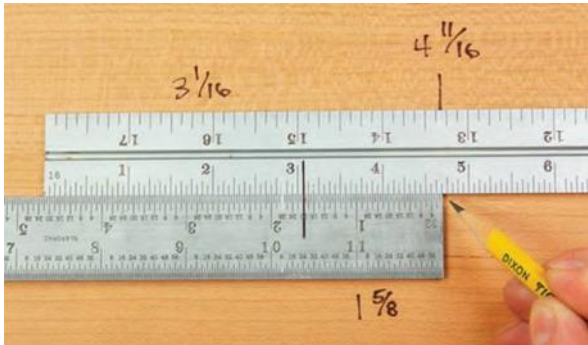
Mile High Tree Care Donated Woods for Funeral Urns

Mile High Tree Care working with Paul Seipel has donated wood from their milling and drying operations to the Guild for use by members to build Veteran Funeral Urns. The Veteran Funeral Urns is an ongoing Guild project. Instructions for building urns are available on the Member Website under Fine Woodworking Plans.

Bits & Pieces

An Easy Way to Tackle Fractions

by Reader Submitted • Apr 12, 2016
Woodworker's Journal eZine Issue 424



Here's an old carpenter's trick for solving fractions that works either with two tape measures or steel rules. If you need to add or subtract two fractional measurements, place the two side by side and align them according to the lengths that need to be added or subtracted. It doesn't matter if the denominators of the fractions match, because you're simply comparing two distances, not computing two fractions. For instance, in the photo here, $3\text{-}1/16''$ (top rule) + $1\text{-}5/8''$ (bottom rule) = $4\text{-}11/16''$. The ends of their overlaps tell you the sum. Subtract the same way: the end of the overlap minus one rule's length shows you the answer. No complicated math required.

Charles Mak
Calgary, Alberta

2016 Guild Officers



Cary Goltermann – President
president@coloradowoodworkersguild.org

Jim McNamee—Vice President
vice-president@coloradowoodworkersguild.org



Laura Peterson – Treasurer
treasurer@coloradowoodworkersguild.org

Gary Glatthar – Secretary
secretary@coloradowoodworkersguild.org

Bob Kleinfeldt – Board Member at Large
email address pending



Guild Committee Chairs

Audio – Video – Committee
video@coloradowoodworkersguild.org

Classes - **Vacant**
classes@coloradowoodworkersguild.org

Community Service - Charles Kuechenmeister & Jeff Roth
community-service@coloradowoodworkersguild.org



Newsletter Editor – Al Limiero
newsletter@coloradowoodworkersguild.org

Programs - **Vacant**
programs@coloradowoodworkersguild.org

Publicity and Public Relations - Jack Brock
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Shows and Exhibits – Kevin Loyd
shows@coloradowoodworkersguild.org



Librarian - Chuck Hix
library@coloradowoodworkersguild.org

Refreshments – Dick Daily
hospitality@coloradowoodworkersguild.org



Membership – Dennis Machlica
membership@coloradowoodworkersguild.org

Classified Ads – Michael Cunningham
classifiedads@coloradowoodworkersguild.org



Webmaster – Wilbur Goltermann
webmaster@coloradowoodworkersguild.org

CWG Sponsors

The Colorado Woodworkers Guild is fortunate to have several companies as Sponsors. The 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: the 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

Sponsor List

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 (this is their Denver show-room and warehouse)

Collector's Specialty Woods 8055 County Road 570 Gardner, CO 81040 (this is their southern Colorado wood yard, kiln drying facility, woodshop, and another show-room) 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

Frank Paxton Lumber Company 4837 Jackson Street Denver, CO 80216
Phone: 303-399-6047 Website: www.paxtonwood.com/denver.aspx

Mountain View Window and Door 815 S. Jason Street Denver, CO 80223
Phone: 303-649-2217 Website: www.mtnview.us

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>

Login Information

Full Name

Email Address

Username

Badge Name

Contact Information

Street Address

State

Phone Number

City

Zip Code

Website

Guild Participation Profile

- | | | | | |
|-----------------------|---|---|---|--|
| Woodworking Interests | <input type="checkbox"/> Cabinet making | <input type="checkbox"/> Home remodeling | <input type="checkbox"/> Hand tools | <input type="checkbox"/> Tools, jigs, shop |
| | <input type="checkbox"/> Furniture | <input type="checkbox"/> Small projects | <input type="checkbox"/> Turning | <input type="checkbox"/> Veneering, Inlay |
| | <input type="checkbox"/> Wood Bending | <input type="checkbox"/> Other | | |
| Willingness to Mentor | <input type="checkbox"/> Cabinet making | <input type="checkbox"/> Home remodeling | <input type="checkbox"/> Hand tools | <input type="checkbox"/> Tools, jigs, shop |
| | <input type="checkbox"/> Furniture | <input type="checkbox"/> Small projects | <input type="checkbox"/> Turning | <input type="checkbox"/> Veneering, Inlay |
| | <input type="checkbox"/> Wood Bending | <input type="checkbox"/> Other | | |
| Willingness to Serve | <input type="checkbox"/> No Interest | <input type="checkbox"/> Maybe Later | <input type="checkbox"/> Elected office | <input type="checkbox"/> Community service |
| | <input type="checkbox"/> Membership | <input type="checkbox"/> Public relations | <input type="checkbox"/> Meeting programs | <input type="checkbox"/> Class committee |
| | <input type="checkbox"/> Library | <input type="checkbox"/> Newsletter | <input type="checkbox"/> Shows & exhibits | <input type="checkbox"/> Website |
| | <input type="checkbox"/> Audio/Video | <input type="checkbox"/> Other | | |

Shared Information

Do you wish to share your portrait and woodworking biography:

☐ Yes ☐ No

Woodworking Biography:

Please return this form at any Guild meeting or via mail to:
Colorado Woodworkers Guild, P.O. Box 100996, Denver, Colorado 80250
ColoradoWoodworkersGuild.org
(303)523-8960