



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

Colorado Woodworkers Guild

January 2019



President's Message

Happy New Year's everyone.

With a New Year at hand I have some new ideas for our Guild. First, I hope all members will spread the word about our great organization and encourage people to check us out and potentially become new members. With growth comes many good things, I promise.

I hope our Lady Guild members can get together and maybe get something going just for ladies only.

I hope we have an auction this year and the benefits would apply to bringing in a top wood worker for a class and maybe a demo at one of our meetings.

I hope we attend more wood working related shows to spread the word of our Guild. I have signed us up for a table at the Vectric User Group for their show this October. I am asking for members to think about what projects that they would like to display incorporating CNC work using the Vectric software.

Here is a link on the show:

<https://www.vectric.com/company/events/2019/user-group-meeting-denver.html>

I hope we can fill our vacancies for a Newsletter Publisher, Publicity - PR Chairperson and Training / Class Chair, sooner rather than later.

Speaking of new beginnings, I had the pleasure of meeting and visiting with Jeff Hahn of My Own 2Hands Makerspace. They are located at 250 E. Dry Creek Rd., Unit 203 in Littleton.

<https://mo2hands.com/>

Jeff has a full blown 6000 sq. Ft. wood workers dream shop including a 4' by 8' CNC machine available to use for your projects. For more info please see the link above. I have invited Jeff to come to our January meeting.

See you on the 15th for our first meeting of the year.

Dale Bowlin President

Don't forget to thank our sponsor for their support.

Don't forget to check out the Classified Adds area on our web page.

December Holiday Gift Pics:



December Holiday Pics:



Upcoming Meetings, Classes, and Events

January 15, 2019 - The first member meeting of the new year. Bill Bixby will give us a presentation on steel as it is used by woodworkers.

Community Service

Our new chairperson Ed Lawlor has nothing to report.

About Wood

Since 2015, this column has primarily focused on woods of North America (and mostly, but not exclusively, hardwoods). Since the first column, only five “exotic woods” have been covered. For 2019, the column will only cover exotic woods, especially those from Central and South America, Africa, and Southeast Asia/Oceania.

In this month, January 2019, we consider **Amboyna**. In most of the world, **Amboyna** is also known as **Narra** (*Pterocarpus indicus*). **Narra** is from the Fabaceae or Leguminosae, the legume family; the pea or pulse group. There are 70 or more species growing in the pan-tropical regions. Other names include New Guinea rosewood, Burma rosewood and Angsana. Some of the species are traded as padauk. **Amboyna** generally refers to the burl wood from any of the *Pterocarpus* 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.

Narra (including Amboyna)

Here is a summary of the characteristics of **Narra**:



Distribution: Malaysia, Indonesia, and the Philippines with some throughout Southeast Asia and into Australia

Tree size: 65-100 ft (20-30 m) tall; 3-5 ft (1.0-1.5 m) trunk diameter
Average Dried Weight: 41 lbs/ft³ (655 kg/m³)
Specific Gravity: (Basic, 12% MC): .54, .66
Modulus of Rupture (MOR): 13,970 lb_f/in² (96.3 MPa)
Modulus of Elasticity (MOE): 1,724,000 lb_f/in² (11.89 GPa)
Crush Strength: 8,270 lb_f/in² (57.0 MPa)
Janka Hardness: 1,260 lb_f (5,620 N)
Shrinkage: Radial, 2.8%; Tangential, 4.0%; Volumetric, 6.9%; T/R Ratio, 1.4
Appearance: heartwood from golden yellow to a reddish brown; sapwood is pale yellow; quarter sawn surfaces display ribbon-stripe figure; the burl, known as **Amboyna**, is highly valued
Grain/Texture: usually interlocked and can be wavy; uneven medium to coarse texture and good natural luster
Stability: properly seasoned reported to be dimensionally stable
Relative strength: considered to be strong; similar to Teak
Decay Resistance: wood weathering characteristics and durable regarding decay resistance
Workability: easy to work with hand and machine tools; moderate blunting effect on cutters; glues and finishes well
Odor: fragrant even in seasoned wood
Toxicity: reported as an irritant
Potency: moderate
Toxicity Source: wood dust
Reaction: skin and respiratory, including asthma-like symptoms
Sustainability: on the vulnerable list because of over exploitation
Uses: veneer, furniture, cabinetry, boatbuilding, plywood, turning, musical instruments, carvings
Typical Cost: non-burl is moderately priced; high-grade **Amboyna** is one of the most expensive woods in the world
Comments: the resemblance between **Narra** and **Amboyna** is virtually unrecognizable though they come from the same tree

Sources: Woodworkers Source; The Wood Database; American Hardwoods Information Center; 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

Sponsor: Profile

Rockler Woodworking and Hardwood

Rockler Woodworking and Hardwood has been one of the Guild's sponsors for a long time in addition to providing facility space for the regular guild meetings and storage materials and projects.

Rockler started as "Minnesota Woodworker's Supply" company in Minnesota in 1954. Later the company became "The Woodworker's Store" with locations in Minnesota, Seattle and Denver (Store #3 in 1981 at 340 S. Broadway). Later the Denver store moved to its present location at 2553 S. Colorado Blvd., and the company was renamed "Rockler Woodworking and Hardware (1988) after the founder, Nurdy Rockler. Today Rockler Companies Inc., a Family owned Business, has 32 outlets, publishes Woodworker's Journal, and manages several websites including www.woodworkersjournal.com and www.woodworking.com.

Manager of the Denver store Rich Johnson. Rich's grandfather introduced him to woodworking as a youngster in New York. At a young age, Rich moved with his family to Denver. In Junior high School and High School, he took every opportunity to pursue his woodworking and then went on to Western State College to industrial Arts and Business.

Rich began his work life in the grocery and real estate businesses. When the opportunity presented itself, he joined the Rockler businesses and has worked for them for the past 30 years.

Rich manages 12 to 14 employees and a store that regularly stocks over 15,000 products. The store carries major woodworking power tools, hand tools, lumber, finishes and a wide variety of woodworking supplies and project hardware. Among the many products handled by the store is a selection of expanding Rockler's proprietary products. These products provide unique and innovative solutions for woodworkers.

Rich and his team are proud that for 12 of the past 15 years the Denver store has been the number one volume retail store for Rockler with the San Diego store being the next closest competitor. In addition to the Colorado Woodworkers Guild, the Denver store also hosts the Front Range Woodturners, rocky Mountain Shipwrights, 700th Scale Model Club and the Radio Control Club.

Guild Liaison for Rockler Woodworking and Hardware is Cary Goltermann

Website: www.rockler.com

Frank Paxton Lumber Wood of the Month

The featured Wood of the Month for January from Frank Paxton Lumber is four-quarter (4Q), S3S Red Oak in random widths and 7 foot to 8' lengths.

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

Membership

Dues are Due.

You can renew your dues through PayPal by making a payment to:

treasurer@coloradowoodworkersguild.org

Or if you are a member and are logged in, the form will be filled out with your current membership information; all you need do is select your woodworking interests, then click "Renewing" and print the page.

If you are a new member, you must fill in the form - all fields must be filled in. Then click "New" and print the page.

Now, either bring the form with your \$30 check to a meeting or mail it to the address on the form.

All memberships expire at the end of each calendar year. Thank you for paying your renewal earlier.

CWG Sponsors

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

Collector's Specialty Woods 4355 Monaco Street, Unit A, Denver, CO 80216 (this is their Denver showroom and warehouse) and 8055 County Road 570 Gardner, CO 81040 (this is their 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

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.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>

2019 Board Members



Dale Bowlin - President
president@coloradowoodworkersguild.org



Tom Mancuso - Vice President
vicepresident@coloradowoodworkersguild.org



Donald Prorak - Secretary
secretary@coloradowoodworkersguild.org



Chuck Hix - Treasurer
treasurer@coloradowoodworkersguild.org



Bob Kleinfeldt Director at Large, Newsletter Editor
info@coloradowoodworkersguild.org



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Lindy Baer - Contributing Editor
wood@coloradowoodworkersguild.org



Michael Cunningham - Classified Ads Moderator
classifiedads@coloradowoodworkersguild.org



Dick Dailey - Hospitality & Refreshments Chair
hospitality@coloradowoodworkersguild.org



Jim Barry - Librarian
library@colordowoodworkersguild.org



Albert Limiero - Newsletter Publisher
newsletter@coloradowoodworkersguild.org



Cary Goltermann - Programs Chair
programs@coloradowoodworkersguild.org
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Kevin Loyd - Shows and Exhibits Chair



Christine Benson – Social Media Chair

Help Wanted

Vacant- Publicity and PR Chair

Vacant – Newsletter Publisher

Vacant – Class / Training Chair

Assistance – Community Services Chair

Needed- Webmaster - webmaster@coloradowoodworkersguild.org

Deadline for next month's newsletter is February 9, 2019