



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

# Colorado Woodworkers Guild

## December 2019



### President's Message

A Big thank you to Cloverdale Church of God for letting us host our annual Christmas Party at there facility again this year.



Another big thank you to our own in-house resident Master Scroll Saw expert Mike Seymore who made all the center pieces for the tables at this year's Christmas Party. Should have been there and maybe you would have snagged one or two of these beautiful candle holders.



There were many folks who helped with food prep and made arrangements for this year's party, please forgive me for not mention all of them here but it was appreciated and thank you so much for all your hard work.

This is a good time of year to count all our blessings and give thanks for them. I am thankful for many things, but I wanted to thank all the members for letting me serve as your President for the past two years. It has truly been an honor and pleasure serving.

Merry Christmas,

Dale Bowlin

President

Next meeting is Tuesday, January 21, 2019 at 6:30 pm in the basement of Rocklers. It will be our first meeting with our new board, please come and congratulate them and wish them well.

**We did not have a demonstration last month but held our Annual Christmas party.**





Finally, it would not be a party if this guy did not have a bottle of wine in his hands. Our President elect stepping into his office January 1, 2020. The one and only his honor Wilbur Gotterman. Please direct any and all future complaints to him 😊.

## **Frank Paxton Lumber Wood of the Month**

Not sure what it is this month so please call and ask or better yet, go buy and visit.  
As always, call 303-399-6047 for pricing.

### *Library News*

*Please bring your checked out items and return them at our January meeting.*

<https://www.librarycat.org/lib/COWoodworkersGuild#>

Jim Barry, Librarian



## About Wood



In this month, December 2019, we consider **Bubinga (*Guibourtia tessmannii*)**. The genus name (***Guibourtia***) is in honor of N. J. B. Guibourt, a nineteenth century French pharmacologist who wrote a history of plants used for medicine. The specific epithet is in honor of Gunther Tessmann, an early twentieth century ethnologist and South American plant collector. Bubinga is the Fabaceae or Leguminosae, the legume family. Other species include *demeusei* and *pellegriniana*. Bubinga is also known as African rosewood, Akume, Ebana, Kevazingo, Essingang, Amazakone,

Okweni, Ovang, and Waka.

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](mailto:wood@coloradowoodworkersguild.org).

### Bubinga

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

**Distribution:** Cameroon, Gabon, Ivory Coast, Congo, Equatorial Guinea, Liberia, Nigeria, Uganda, and Zaire

**Tree size:** 130-150 ft (40-45 m) tall; 3-6 ft (1.0-2.0 m) trunk diameter

**Average Dried Weight:** 56 lbs/ft<sup>3</sup> (890 kg/m<sup>3</sup>)

**Specific Gravity:** (Basic, 12% MC): .72, .89



**Modulus of Rupture (MOR):** 24,410 lb<sub>f</sub>/in<sup>2</sup> (168.3 MPa)

**Modulus of Elasticity (MOE):** 2,670,000 lb<sub>f</sub>/in<sup>2</sup> (18.41 GPa)

**Crush Strength:** 10,990 lb<sub>f</sub>/in<sup>2</sup> (75.8 MPa)

**Janka Hardness:** 2,410 lb<sub>f</sub> (10,720 N)

**Shrinkage:** Radial, 6.0%; Tangential, 8.2%; Volumetric, 13.9%; T/R Ratio, 1.4

**Appearance:** heartwood ranges from pinkish red to a darker reddish brown with darker streaks of purple or black; pale straw color sapwood; often with a variety of

figure

**Grain/Texture:** generally straight to interlocked; texture is uniform fine to medium and moderate natural luster

**Stability:** dimensionally stable after seasoning and retains shape well after manufacture; dry slowly

**Relative strength:** hard and heavy; excellent strength-to-weight ratio

**Decay Resistance:** resistant to termites and marine borers

**Workability:** moderate blunting effect on cutting edges due to presence of silica; can experience tearout with figured pieces;

gluing can be problematic due to high density and natural oils; turns and finishes well

**Odor:** unpleasant scent when wet; no characteristic odor when dry

**Toxicity:** reported as irritant but little data

**Potency:** low to moderate

**Toxicity Source:** wood oils and wood dust; green wood may cause the greatest problems

**Reaction:** severe reactions uncommon; skin, eye

**Sustainability:** not on the IUCN Red List; is listed on CITES appendix II

**Uses:** veneer, inlays, fine furniture, cabinetry, turnings, boat building, flooring, canoes, chairs, handles

**Typical Cost:** moderate to high priced

**Comments:** very popular, especially for veneer; close resemblance to rosewood

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

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](mailto:wood@coloradowoodworkersguild.org).

## November Show and Tell



Donald Prorak, bowls.



Doug Penney, walnut burl and holly box.



Rich Macrae, Federalist end table.

Devon Lindsley, sanding blocks.

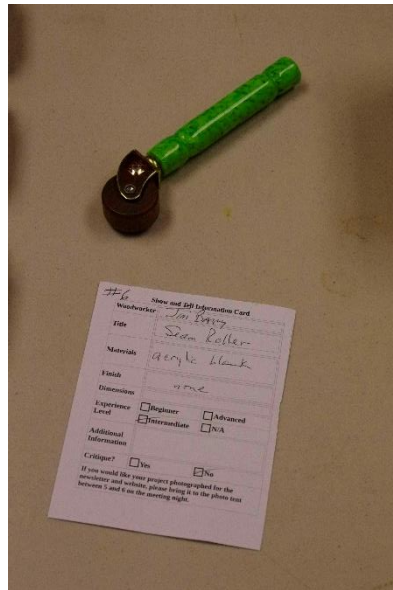


Dale Bowlin, chopsticks.



Scott Ruth, class box.





Jim Barry, seam roller.



Joe Pollara, guitar rack.



**Various toys for Ed's Kids.**



**Rich Macrae was the big winner with his Federalist Table.**



## CWG Sponsors

**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) Talk to counter for Preferred Customer Discounts

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

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

**Suzuki-ya** Superior Japanese hand Tools for Woodworking, Gardening & Cutlery I'd like to offer 10% off for your members (they need to mention that they're members of the Colorado Woodworkers Guild).

Website: [www.suzukitool.com](http://www.suzukitool.com) Phone: 510-409-0217

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

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)

**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 & Chairpersons



[Dale Bowlin](#) - President  
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## Help Wanted

**Vacant- Publicity and PR Chair**

Assistance – Community Services Chair

Board needs a Secretary