



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

Colorado Woodworkers Guild

September 2019



President's Message

Hello everyone, I am sure you are tired of hearing about upcoming vacancies. I bring this up again to try and make everyone aware of what is coming up in our November elections. So far, the follow will be vacant President, Treasure and Secretary position. What a great opportunity to serv the guild and possible change directions our guild is headed.

We also need a new Publisher for our newsletter. This position will be vacant in January 2020, no publisher no newsletter.

Publicity & PR Chairman needed.

Assistance to the Community Services Chair.

The time to step up is getting near, do not rely on someone else to fill these positions.

Dale Bowlin

President

Next meeting is Tuesday, September 17, 2019 at 6:30 pm in the basement of Rocklers

For many years the Guild has supported the city of Aurora's "Kidspree" with a booth where kids could assemble a birdhouse. We have about 100 birdhouse kits which were prepared when Aurora canceled the Kidspree. So, at the September meeting bring a "kid" (child, grandchild, etc.) and let them assemble a birdhouse, or just pick up a "kit" and take it home.

Demonstration



Due to technical difficulties our estimated Bob Klienfeldt is unable to do one of his feature right ups on the demonstration. So for now I have this short bio on Tak and a link to his web site. Tak is a master at his craft some people who know him call him Sensei Tak a worthy title. To view the video, click here:

<https://coloradowoodworkersguild.org/index.php/members-corner/guild-videos/meeting-presentation-videos/details/10/134/meeting-presentation?start=0>

Takayuki (Tak for short) was born in Japan in 1957. He originally studied engineering before transitioning to wood working in Fukuchiyama, Kyoto. He then moved to Takamatsu Japan to work at George Nakashima's furniture company. Additionally he studied traditional Japanese lacquering, [Urushi](#), an exceptionally difficult and rare craft.

In 1993 Tak moved to Boulder, CO and started his own business. He mainly works with private clients but his commissioned work can be found at: The Denver Botanical Garden, Colorado Springs Air Force Academy, and Naropa University.

Currently, apart from his business, Tak teaches Japanese wood working part-time at Red Rock Community College and is a member of [Kazuro-Kai USA](#).

<https://takanadesign.weebly.com/>

By Dale Bowlin

About Wood



In this month, September 2019, we consider **Ipe (Handroanthus spp;** formerly in *Tabebuia* genus). **Ipe** is actually in a genus of several species in the family Bignoniaceae, the begonia or trumpet creeper family. These flowering trees are native to tropical dry zones of Mexico, Central and South America. Species such as *chrysanthus*, *guayacan*, *serratifolius*, *umbellatus*, and *vellosi* have been naturalized in other places with Mediterranean climates such as Southern California. Other names for the wood include Brazilian walnut, bethabara, lapacho, madera negra, amapa, Cortez, guayacan, guayacan plovillo, flor amarillo, Surinam greenheart, tachuario, lapacho negro, pui, and poui.

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.

Ipe



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

Distribution: From Mexico, through Central America to Brazil and Argentina (some in Florida, Caribbean islands, and California).

Tree size: 100-130 ft (30-40 m) tall; 2-4 ft (.6-1.2 m) trunk diameter

Average Dried Weight: 69 lbs/ft³ (1,100 kg/m³)

Specific Gravity: (Basic, 12% MC): .91, 1.10

Modulus of Rupture (MOR): 25,660 lb_f/in² (177.0 MPa)

Modulus of Elasticity (MOE): 3,200,000 lb_f/in² (22.07 GPa)

Crush Strength: 13,600 lb_f/in² (93.8 MPa)

Janka Hardness: 3,510 lb_f (15,620 N)

Shrinkage: Radial, 5.9%; Tangential, 7.2%; Volumetric, 12.4%; T/R Ratio, 1.2

Appearance: heartwood is reddish-brown to yellowish olive brown or darker blackish brown with dark brown or blackish stripes; can be confused with Cumaru, another dense South American timber

Grain/Texture: grain varying from straight to irregular or interlocked; medium texture; moderate natural luster

Stability: good dimensional stability

Relative strength: very strong and with high density

Decay Resistance: very durable; excellent insect resistance though may be subject to marine borers; weathers well

Workability: difficult to work because of density and high cutting resistance; will blunt cutting edges; gluing will

require surface preparation; turns well

Odor: mild scent while being worked

Toxicity: reported as irritant

Potency: moderate

Toxicity Source: wood oils and yellowish wood dust

Reaction: severe reactions uncommon; skin and respiratory irritation; headache; asthma-like symptoms, and vision effects

Sustainability: not commonly available; not listed as threatened; grows in low densities; some farming

Uses: flooring, decking, railroad crossties, exterior lumber, marine construction, cabinet making, veneer, tool handles, millwork, moldings, furniture, and turned objects

Typical Cost: moderate to high priced

Comments: a strong, dense wood; the flowering trees are often used in landscape architecture, especially in Southern

California and across the U.S. south; was moved from *Tabebuia* genus to *Handroanthus* genus in 2007.

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

Show & Tell August 2019

August was the last of the summer traveling; however, even with limited submissions for the Show & Tell it did illustrate a few of our talented personnel. For the benefit of the new members and visitors the Show & Tell is open to submissions from everyone so don't hesitate to bring in your work. By sharing what you've been working on it shows others what you are working on and it can inspire others. It also helps others to see the great resource of knowledge the guild has within its membership.

First off was Presidente Dale "the Big Cheese" Bowlin who brought in a Longworth chuck he made for using on the lathe.

Dale like so many wants clean up the bottoms of his bowls and this chuck made from scrap plastic with some simple tooling makes this a cinch. The plans for making this on his CNC were made using the free downloadable software from Wood Workers Journal.



<https://www.woodworkersjournal.com/bowl-turning-longworth-chuck-routing-pattern-cnc-files/>



Next was Doug Pinney with a penchant for all things CNC. He brought in a flowing waiving flag made of cherry for his grandson, which currently resides on a submarine. While Doug would confess to the CNC slaving away for nearly 5 hours to carve this he would not admit to the amount of time that went into getting the drawings right. It was also noted that our own Mr. Pinney was written up in the Vetrix software publication, congrats.





The winner of the night was Mike Seymour with a display of his scroll saw skills. The first was a tea light with the second piece being a jewelry box. The consistency of the patterns might be confused with another CNC project, but Mike has some of the steadiest hands in the scroll saw scene.



Thank you to everyone for bringing in your work to share with the rest of the group. To everyone else, remember that each month the show and tell is one of the staples of the meeting so please continue to bring your pieces and tell the rest of us what you've been doing.

Kevin Loyd
Shows & Exhibits

Save the date:

Christmas Party December 7, 2019 at Gary's Church.

Frank Paxton Lumber Wood of the Month

The featured Woods of the Month for September 2019 from Frank Paxton Lumber are:

4Q S3S Wormy Soft Maple in random widths and random lengths (approx. 8' to 10'),

4Q S3S Sap Walnut in random widths and random lengths (approx. 10')

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

Library News

Please return checked out items.

Be sure to check the link on our website for our library catalog. The CWG library accepts donations of books and DVDs only. The library has several magazine archives available in DVD form but does not maintain any hard copy issues. Any member wishing to donate magazines is welcome to bring them and place them on a table for members to take home with them.

The donor is responsible for setting up and clearing up any unclaimed items afterwards.

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

Jim Barry, Librarian

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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

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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

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 Phone: 510-409-0217

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>

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Help Wanted

Vacant- Publicity and PR Chair

We do not have a replacement Chair, we will not be able to support this in the July newsletter. I hope another member will step forward to help out?

Vacant – Newsletter Publisher

Assistance – Community Services Chair