



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

# Colorado Woodworkers Guild

## January 2015

### Upcoming Meetings, Classes, and Events

**January 20 2015** - Join us for the first Guild Member Meeting of 2015. Ever wonder why or how to use a hand plane. Stan Wolpert and Doug Pinney will cover:  
How to care for and tune hand planes.  
Why you would use a hand plane.  
How to use a hand plane.

### Personal Note

Bill Youngblood

The guild has received a message from Betty Youngblood, Bill's wife, that his health is failing rapidly.

Bill has been an active Guild member for several years, and Bill's woodworking skills have been a valuable asset in his life's work as a Christian Minister.

The latest report is that Bill is under hospice care.



### *Presidents Message*

A somewhat belated Happy New Year. Welcome to the first Colorado Woodworkers Guild Newsletter of 2015. We head into the New Year with high hopes. Thanks to great results from our auction and membership renewal, the guild has good financial resources. We are planning on using these to help subsidize classes for our members, put on one or more weekend seminars and support other woodworking related activities.

Our webmaster is putting together a list of classes which the guild plans to offer. We will be asking our members to login and simply put down a yes or no next to each class. We want to find out where the greatest interest lies. One or more of these classes will be offered with a reduced price to our members. We'll need your input for this. Look for an email about this soon.

I recently sent out an email requesting your participation in a survey to help determine which members would help in defining classes, seminars and monthly programs. So far we have had 28 responses or about 10% of our members. Please log in and take the survey, even if it is only to say you are unable to help with this. It's only 4 yes/no questions. To do this:

Go to <http://coloradowoodworkersguild.org>

Log in with your username and password (if you have problems with this, let me know).

On the right hand side under **Members Corner** click on **2014-12 Member Participation Survey**

Answer the 4 questions by clicking on the yes or no button.

Scroll to the bottom of the page and click the save button

Please take a few minutes to do this. If you cannot help that's fine but I'd like to know that most members are at least looking at this.

At the January meeting we will have manual signup sheets for this same survey. If you prefer to do this on paper, that's fine although doing it on line is probably much simpler.

That's all for now.

**Cary Goltermann - El Presidente**

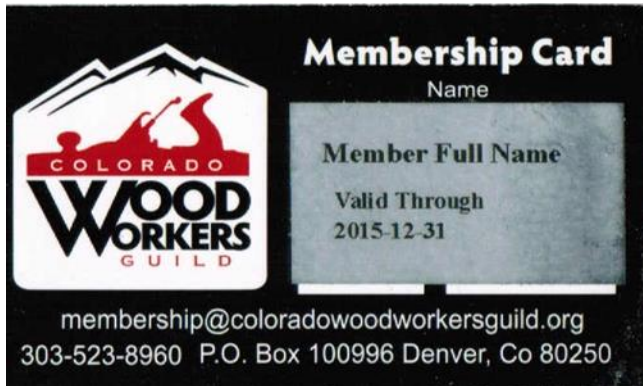


## ***Membership***

As we ready the first newsletter of 2015 , member renewal is going well.

At this writing, we have over 270 members, with approximately 50 paid through the end of 2015. There are also about 30 unprocessed renewals/new applications.

If your membership card doesn't look like this



your membership is either already expired or will expire at the end of this year. Renewal is easy and can be done on-line. Simply go to

<http://coloradowoodworkersguild.org>

login with your username and password (If you don't know these send a mail to [president@coloradowoodworkersguild.org](mailto:president@coloradowoodworkersguild.org) and I'll help)

click on **Pay for Membership** on the right hand side of the screen.  
Fill in the form.

Copy the characters from the image (chawer in the example above) into the rectangle below it. If the characters are unreadable click on the and you'll get a new (hopefully) more readable image. Once you have entered the characters from the image press the **Pay Now** button and you'll be taken to a pay pal page where you can enter credit card info and complete the transaction.

Sometime after this is complete, a new membership card will be mailed to you.

As always, if you have an issue with your membership send email to [president@coloradowoodworkersguild.org](mailto:president@coloradowoodworkersguild.org)

***Cary Goltermann - Assistant to the Membership Chair***

## ***Thanks to the Toys Team***

Once again our Community Service Committee produced toys for those who might otherwise not have any during the holidays. As I understand it the Community Service members and helpers made over 700 toys this year which were donated to shelters in the Denver area. In response to this the Guild received, in its mailbox, these two thank you notes. If you were one of *Santa's Helpers* please accept my thanks on behalf of the guild. If you know one of *Santa's Helpers* give them an Atta boy. It is well deserved.



**Thank you for your contribution to Holiday Shop!**

**THANK YOU**

I appreciate all the help  
in making my + my son's

Christmas extra merry!

Thank you so much!







## Holiday Party Report

Did you miss the Guild's holiday party? Shame on you because you missed a good one.

With live seasonal favorites being played on the piano by Janis Smith (Bob Kleinfeldt's wife), the 40 or so guests logged in and partook of the numerous appetizers brought by the guests. No sooner was everyone seated and engaged in lively conversations, they got up again to choose from a buffet of turkey breast, barbecued brisket, and spiral-cut ham, accompanied by a variety of sides and salads brought by the attendees. Once that was polished off, everyone again got up to select from the sumptuous desserts dreamt up by our imaginative guests, along with coffee or tea, if they wished.

Around dessert and beverage time, the drawing for door prizes began, led by our treasurer, Laura Peterson. With the many door prizes having found appreciative homes, Janis Smith conducted the drawing for the white elephant prizes. We can probably expect to see some of these again at next year's party, but isn't that what white elephant drawings are about?

With that, the party was officially concluded.

No party report would be complete without thanking the committee and other volunteers who made it possible. Bob Kleinfeldt, Cary Goltermann, and Wilbur Goltermann constituted the committee, while the aforementioned Janis Smith not only played the piano but also created the beautiful table centerpieces. And Bob's son-in-law Travitt Hamilton helped in myriad ways with serving and arranging the various foods, while Bob's granddaughter Lily staffed the sign-in desk. The Guild thanks all, not to overlook the contributions of our members in the form of the dishes they brought.



## About Wood

For this month, January 2015, **Black Walnut** is our focus. As mentioned last month, each month will feature a wood, usually one in common use, and the column will describe the wood's characteristics.

In this second edition of the column, one of the characteristics, the Modulus of Elasticity (MOE) is defined. In future columns, the other characteristics will be defined.

In the simplest terms, the modulus of elasticity (MOE) measures a wood's stiffness, and is a good overall indicator of its strength. Technically it's a measurement of the ratio of stress placed upon the wood compared to the strain (deformation) that the wood exhibits along its length. MOE is expressed in pounds-force per square inch (lb./in<sup>2</sup>) or gigapascals (GPa). This number is given for wood that has been dried to a 12% moisture content, unless otherwise noted.

In practical terms, the number itself isn't all that meaningful, but it becomes useful to use in comparison with other woods. For instance, Hickory is known to have excellent strength properties among domestic species in the US, and has a MOE of 2,160,000 lb./in<sup>2</sup> (14.90 GPa). In comparison, Red Oak is another well-known wood used in cabinetry and furniture, and has a MOE of 1,820,000 lb./in<sup>2</sup> (12.50 GPa).

If you have questions regarding a specific wood, contact [wood@coloradowoodworkersguild.org](mailto:wood@coloradowoodworkersguild.org).

### Black Walnut

There are over a dozen species of walnut, including Butternut (in the same family). One of the most common walnuts in North America is **Black Walnut**. The scientific name is *Juglans nigra*. **Black Walnut** is commercially harvested in North America (especially in eastern US) and is widely available.

Here is a summary of the characteristics of **Black Walnut**:

Distribution: Canada and northern United States  
Tree Size (largest): 120 ft. tall; 3 ft. diameter  
Average Dried Weight: 38 pounds/cu ft.  
Specific Gravity (Basic; 12% moisture content): 0.51; 0.61  
Modulus of Rupture: 14,600 lb./in<sup>2</sup>  
Modulus of Elasticity: 1,680,000 lb./in<sup>2</sup>  
Crush Strength: 7,580 lb./in<sup>2</sup>  
Janka Hardness: 1,010 lb.  
Shrinkage: Radial, 5.5%; Tangential, 7.8%; Volumetric, 12.8%; T/R Ratio, 14  
Heartwood Appearance: Medium to dark brown  
Sapwood Appearance: pale yellow-gray to nearly white  
Texture: Usually straight grain, medium texture  
Stability: High  
Relative Strength: fairly low (14-18.9)  
Decay Resistance: High; very durable; susceptible to insect attack  
Workability: can be worked with hand and machine tools; good for nail and screw holding; glues and finishes well  
Odor: faint, mild odor  
Toxicity: Yes, sensitizer  
Potency: Moderate  
Toxicity Source: Wood, Dust  
Reaction: eye and skin irritation  
Sustainability: Not listed as threatened  
Uses: furniture, cabinetry, gunstocks, interior paneling, millwork, veneer, doors, flooring, turnings  
Typical Cost: \$4-10/bd ft.

If you have questions about a specific wood, don't hesitate to send a note to [wood@coloradowoodworkersguild.org](mailto:wood@coloradowoodworkersguild.org).

## ***Sponsor's Corner***

### **Sponsor Liaisons Needed**

As most of you know, Guild members serve as liaisons to our sponsors. The duties are minimal. We ask the liaisons to get to know the sponsor and their business offerings and to then be available to communicate between the sponsor and the Guild.

We currently need a liaison for B & B Rare Woods (the veneer company) in Golden. Also, there may soon be a need for another liaison for a new sponsor. If you have an interest, please contact Lindy Baer at a meeting or at publicity-pr@coloradowoodworkersguild.org.

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

The Frank Paxton Lumber Wood of the Month is 4 quarter (4Q) **Hickory**, surfaced on three sides (S3S; one straight edge), in random widths and lengths. Call 303-399-6047 for pricing.

## ***2015 Guild Officers***

Cary Goltermann – President

[president@coloradowoodworkersguild.org](mailto:president@coloradowoodworkersguild.org)

Bob Kleinfeldt – Vice President

[vice-president@coloradowoodworkersguild.org](mailto:vice-president@coloradowoodworkersguild.org)

Mark Childs – Secretary

[secretary@coloradowoodworkersguild.org](mailto:secretary@coloradowoodworkersguild.org)

Laura Peterson – Treasurer

[treasurer@coloradowoodworkersguild.org](mailto:treasurer@coloradowoodworkersguild.org)

## ***Guild Committee Chairs***

Vacant – Programs

[programs@coloradowoodworkersguild.org](mailto:programs@coloradowoodworkersguild.org)

Kevin Loyd – Shows and Exhibits

[shows@coloradowoodworkersguild.org](mailto:shows@coloradowoodworkersguild.org)

Dennis Machlica - Membership

[membership@coloradowoodworkersguild.org](mailto:membership@coloradowoodworkersguild.org)

Charles Kuechenmeister & Jeff Roth – Community Service

[community-service@coloradowoodworkersguild.org](mailto:community-service@coloradowoodworkersguild.org)

Roger Abraham – Library

[library@coloradowoodworkersguild.org](mailto:library@coloradowoodworkersguild.org)

Lindy Baer – Publicity and Public Relations

[publicity-pr@coloradowoodworkersguild.org](mailto:publicity-pr@coloradowoodworkersguild.org)

Al Limiero – Newsletter Editor

[newsletter@coloradowoodworkersguild.org](mailto:newsletter@coloradowoodworkersguild.org)

Wilbur Goltermann – Webmaster

[webmaster@coloradowoodworkersguild.org](mailto:webmaster@coloradowoodworkersguild.org)

Vacant - Merchandise:

## 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

### **A Cut Above**

16512 Arminta Street  
Van Nuys, CA 91406

Phone: 800-444-2999

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

### **Austin Hardwoods of Denver, Inc.**

975 W. Mississippi  
Denver, CO 80223

Phone: 303-733-1292

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

### **Charlie's 2<sup>nd</sup> Hand Store, Inc.**

2227 Larimer Street  
Denver, CO 80205

Phone: 303-295-1781

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

### **Collector's Specialty Woods**

#### **Collector's Specialty Woods**

4355 Monaco Street, Unit A  
Denver, CO 80216

(this is their Denver showroom and warehouse)

Phone: 720-278-7797

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

#### **Collector's Specialty Woods**

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](http://www.denverwoodworking.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)

### **Reclaimed Boxcar Flooring**

Phone: 303-913-6373

Website: [www.reclaimedboxcarflooring.com](http://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](http://www.rockler.com/retail/denver-colorado-hardware-store.cfm)

### **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>

## 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**