



Newsletter

<http://www.midwestwoodworkers.org>

January 2019

President's Letter

Norm Anderson

Greetings Woodworkers: Thanks to all who attended the Christmas dinner last month. The kids from Coyote Hills had a great time and the food was great. Thank you to those who brought items for drawings and show and tell. We are not allowed to photo at the dinner because of the Coyote Hills kids who raced rubber band dragsters and some of our toy cars. We had several drawings for items built by our club and all the kids got a car or two plus bracelets, bowls, puzzles and some very nice items for kids and adults.

This newsletter is going out early to discuss The Woodworking Shows. The Woodworking Shows <info@thewoodworkingshows.com>

Kansas City: January 18-20

St. Louis: February 8-10

Please e-mail back if you would like to go and we could get a car pool together!



NEXT MEETING: JANUARY 28 6:30 PM (4th Monday)

Boone County Millworks: (2112 Vandiver Drive, Columbia, Mo)

JANUARY MEETING WILL BE A TOOL SWAP: Look over your tool inventory and get some items that you no longer need or just got a newer version for Christmas or you have plans to update. We have several new members that are in the need for tools that you may have out grown. We have had several items discussed for the swap from drill presses, miter saws, and hand tools to dust collection items that most of our members would like to share. I do believe this year we should have some more organization with a walk around after our business meeting. We would have the seller briefly discuss each item and allow all members a chance to purchase each item. We will go from one item to the next and ask for bids or purchase now at given price if two or more want the same item we will have a 5 mile foot race over hurdles with winner being able to purchase the item for the asking price or some other method (possible a math quiz or spelling bee) to determine the winner. I would like to see lots of items and have the swap be the feature of the evening, but I think we would also like to have a short presentation. Any volunteers?

Remember "*JUNK IS STUFF YOU THROW AWAY AND STUFF IS JUNKL YOU KEEP*"

VOLUNTEERS NEEDED FOR PRESENTATIONS

We could use a presentation on various woodworking topics.

Topics including, but not limited to, the following.

- Hand cut dovetail joinery.
- Staining and finish tips and techniques.
- Sanding and getting wood ready for finish.
- Shop safety and equipment.
- Dust collection systems and equipment.
- Tool maintenance and adjustments.
- Jigs and fixtures that save time
- Musical instrument building (maybe cigar box guitars)
- Building toys and gizmos.
- Building furniture and design ideas
- Anything not mentioned above that would be of interest.

Planer Feed Rollers

The feed rollers on my planer were becoming less effective and I found this product on the internet. I cleaned the rollers with a cloth moistened with the rubber restorer and the performance significantly improved. There are several similar products available. Of course, be sure to unplug your planer before you stick your hands in there!



HOW HARD IS WOOD?

HARDER THAN CHINESE ALGEBRA!

I have seen this hardness rating on woods for sale at Cardwell Hardwoods where you can select a variety of both local milled and exotic wood. I thought this table of hardness could be of interest to members. Note that our common woods grown locally in order are Hickory (1820), Hard Maple (1450), White Oak (1350), Ash (1300), Red Oak (1250), Birch (1200), Walnut (1000), Cherry (950), and Cedar (800).

The difference between plain sawn is not very significant in hardness but as we know has a lot to do with stability and aesthetics. I also found it interesting that Banloe Mahogany (India (2200), South American Mahogany (1200) and I presume that Honduran/Belize Mahogany would score even higher. Compare to African Mahogany (Luan) at only 830 truly not a substitute for true Mahogany in a project. I could not find Osage Orange (common Hedge) on this list but would love to know its value. At the top of the scale is Ipe (3600) also known as Brazilian Walnut followed by Ebony (3250). Persimmon is not listed, but has a Janka value of only (2300) despite having a hardness and toughness giving it a use as wood golf club heads (The new metal drivers are commonly called Pittsburg Persimmons). The soft woods listed are Popular (540) followed by Basswood (410) praised by wood carvers and whittlers is grown here in Missouri and a wonderful tree known as a Linden both large leaf and small leaf.

I hope you have found this interesting and I hope it helps you in determining the best wood for the project.

Special note: if you save the chart on the right you will be able to manipulate it and enlarge to read the species and Janka values better.

HOW HARD IS THE WOOD?

The higher the Janka value, the harder the wood.



Christmas Toy Project

The 2018 MWA Christmas Toy Project was a success as usual thanks to all who contributed their time and talent. We held our annual fund raiser for wheels and axel pegs at the Hartsburg Pumpkin Festival where we helped children (of all ages) assemble toy cars in exchange for a donation. The event has become a

tradition and many of those who attend tell us that they have toy cars collected over nearly a decade. We usually share between 800 and 1,000 cars at the Pumpkin Festival and in December 2018 delivered 1,000 toys for children in Columbia and Boone County.

Our toy cars take a variety of forms. The club has car stock molded from 2x4 and 2x6 lumber available from Terry Selby at the Boone County Millwork Shop. The stock is crosscut into 2 inch sections, holes (15/64") drilled for axel pegs, sanded, and the edges softened with a small roundover bit. A few hours in the shop can yield a good supply of car bodies. Alternatively, there are patterns for several car bodies available on the club's website that can be cut from scrap 2x material or you can make up car bodies to suit your imagination. With all the construction going on around Columbia, it is easy to find scrap lumber. Remember, almost anything looks like a car if you put wheels on it.

We get together to paint the car bodies at the Mobility Worldwide Shop (formerly PET) located on Heriford Drive at 6:30 PM on the Thursday evening following the regular MWA business meeting. Members can bring the car bodies they have finished to the monthly meeting and we will get them to the shop to be painted. Or better, bring your car bodies to the shop on Thursday evening and help with the painting.

In the fall, club members get together and put wheels on the painted car bodies and get them ready to be distributed to various children's service organizations. In early December, MWA members deliver finished toys to Children's Hospital, Ronald McDonald House, Rainbow House, the Salvation Army and other groups to share with their clients. Every year we hear stories of children who receive little more than a MWA toy car for Christmas.

The MWA is a 501(c)(3) organization which is to be operated for charitable or educational purposes. We depend on MWA members to make and paint car bodies, operate the club's booth at the Pumpkin Festival, install the wheels, and deliver the finished toys. Our Christmas Toy Project is the club's major charitable outreach effort and is a way to give something back to the community that we all enjoy.



Woodworking Resources

Cardwell Lumber

5927 Business 50 West
Jefferson City, MO 65109
573-893-2836
retailsales@cardwelllumber.com
<http://cardwellhardwoods.com/>
Monday-Friday: 7:00 AM-5:00 PM
Saturday: 8:00 AM-12 noon
Domestic and exotic hardwoods, sheet goods, power and hand tools, woodworking supplies

Taylor Toolworks

<https://www.taytools.com>
610 Big Bear Blvd., Suite 431
Columbia, MO 65202-3737
573-397-6432

Midwest Woodworkers' Association

c/o Bob Youngquist
4435 Highway PP
Columbia, MO 65202
youngquistr@missouri.edu



Born Again Barns

Tammy Rosek
874 Anita Ave.
Antioch, Illinois 60002
847-265-1500
https://www.facebook.com/BornAgainBarnsAntioch/?hc_location=ufi
By appointment only
Solid wood slabs and boards, barnwood, reclaimed wood

Dungarees

10% off orders under \$200
15% off orders over \$200
Free shipping on orders over \$55
Discount code: MWAMMWT used in the last page of checkout
<https://dungarees.com>