

COLORADO Woodworkers GUILD

May 2007

*Encouraging all woodworkers in
self-expression, craftsmanship and knowledge*

Mark Your Calendar for
Tuesday, May 15th, 7-9pm
Matt Zawislak - Using Veneers

Our program for the meeting on May 15 will be given by Matt Zawislak, a manager at Rocklers. He'll be giving us a lesson in using veneers.

Matthew is a 2001 graduate of the Rochester Institute of Technology. He has a Bachelors of Fine Arts degree in Woodworking and Furniture Design. He has been designing and making furniture since 1993, using domestic and exotic solid woods and veneers.

Matt's web site is: MatthewsWoodworking.com. There's no doubt it will be an interesting and informative evening. See you all there!

From Your President

As You may have heard, Bill has had some medical problems and a series of surgeries that have not gone well. But he is recovering slowly and fully plans on being at the May meeting!

We wish him a speedy recovery and look forward to seeing back in good health.

Upcoming meetings

May 15th: Rockler, 2553 So. Colorado Blvd., Denver
Matt Zawislak - Using Veneers

Visit our web site for latest updates on meetings and locations:

www.coloradowoodworkersguild.org

Table of Contents

May demo	1
From the President	1
From the Secretary	1
Jeffco Fair	2
Scroll Saw Applications	2
Customizing the Fibonacci Gauge	3
April Demo Review - Router techniques	3
March Demo Review - TS Woods	4
Member Project - Bob Beason tool cabinet	4
Wood of the Month	5
Member Discounts	5
Membership Info	5

Apologies from the Secretary

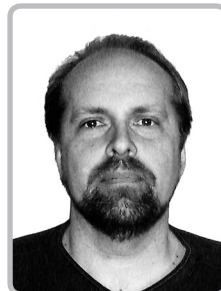
The lack of an April newsletter caused a few people to wonder what happened.

Illness happened.

I wish I could blame it on a glorious woodworking adventure but alas, it was just a nasty bug I sustained while visiting a friend out of town. While I am generally fairly healthy, I am diabetic and this sometimes turns out to be an extra nuisance when I get sick. This was the case and I reacted to some drugs I was given to fix things. I hate drugs anyway. For a while I felt like I was in an episode of TV's HOUSE series, where the patient with the normal illness may well die several times before they cure them. Okay, maybe it wasn't THAT bad, but I was very miserable for a couple of weeks.

Anyway, I should have a backup here soon by the name of Bob Beason (although he may not quite know it yet). This should help in the future when stupid things happen. We are already too short on Board members as it is!

Frederick





Special Thanks to Arvid Rhoads for this highly secret look at a Router Table prototype in development. He found this while on a secret woodworking mission in Tennessee. It incorporates a highly portable design along with a complete lack of stability and function. Other than that, it works great!

Jeffco County Fair

August 8th through 12th

The guild has again been asked to participate in the Jefferson County Fair. In the past we did hands on projects with the children attending. Two years ago we built bird houses and the year before we built grasshopper toys. The members who participated had fun. We need several volunteers to staff this project plus some to cut out parts for these projects. The guild will supply materials or reimburse you for what you buy.

The children were really excited about building the birdhouses and could hardly believe they could make them for free. We went through 50 kits in about three hours. The fair sponsors really want us back and we believe this is a worthwhile activity. Please call or e-mail John Hammer to get involved at 303-972-8065 or jvhammer@msn.com

John Hammer

Scroll Saw Variety Applications

Most people probably think the scroll saw is only good for making complicated holes in wood. Wrong. At the risk of causing all turners and other woodworkers to abandon their specialties and switch to scrolling (more competition for today's scrollers), I'd like to give you some potential scroll saw uses.

Almost any material can be cut with a scroll saw, most without special blades or other accessories. Perhaps most of you have seen coins that have been cut, then used as jewelry in various ways. These are very attention-getting. And special blades aren't an advantage.

All plastics can be cut, including Corian and other home decorating materials that are often called cultured marble. Cuttings can be stand-alone and almost any pattern can be used. Or the results are elegant as inlays in beautiful wood. Cutting sheet plastics and mirrored plastics will require a slower saw speed so it doesn't melt.

For you hunters, I've seen some great cribbage boards in deer antlers, with pegs cut on the scroll saw. Carrying that a step further, almost any nature scene is fantastic when scrolled into the wide portion of a moose antler. Since antlers are shed each year, this isn't an environmental problem. You don't have to be a hunter.

Leather is an excellent cutting subject. Paper silhouette scenes can be cut 50 at a time. You can buy (or make) a seashell lamp, remove the shell and scroll the owner's name in it. An eggshell with an Easter decoration scrolled into it is very unusual. The list goes on and on.

Cutting glass, marble and some other difficult materials such as ceramic tile require diamond blades and water drip lubricating. There are diamond blades for sale on the web and I have specs for a neat DIY drip system. But that's for another time. If there is interest we could have some articles in future newsletters giving specs on scrolling materials other than wood.

Bob Betting

Customizing the Fibonacci Gauge

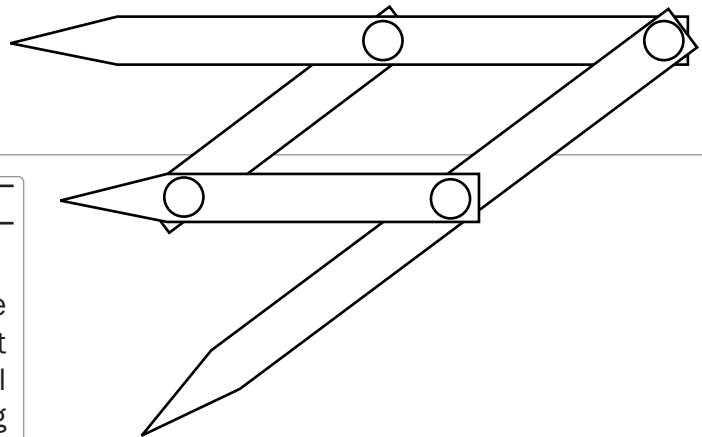
I enjoyed the article on the Fibonacci Gauge and especially the video at woodmagazine.com/fibonacci.

However I wanted to make my gauge a different size. I wrote a computer program to find sizes to the closest 1/32 inch which were accurate to less than 1/32 inch. It turns out that one arm in the article should have been 1/32 shorter and another 1/32 longer. Obviously for the usage the article has in mind, accuracy to 1/16 of an inch is more than enough. The only exception is the holes, which need to be as accurate as possible. So if you follow the directions in issue 173 (November 2006), but alter the sizes as outlined below, you can build smaller or larger. I built the one with Part A: outside arm = 9 1/4. I decided that the thickness needed to be 1/8 inch at least using my quarter cut white oak. If you build an even larger gauge, you might use even thicker or wider stock. Obviously I needed to find longer binder posts for my thicker stock. Staples had the 1/4 inch posts I needed. Any auto parts store has the Locktite to keep the posts from unscrewing.

A: outside arm	B: inside arm	C: cross arm	Between holes	X
4 3/4	3 1/32	2 7/32	1 23/32	1 31/32
7 17/32	4 3/4	3 9/32	2 25/32	3 1/32
9 1/4	5 13/16	3 15/16	3 7/16	3 11/16
10 5/16	6 15/32	4 11/32	3 27/32	4 3/32
12 1/32	7 17/32	5	4 1/2	4 3/4
14 13/16	9 1/4	6 1/16	5 9/16	5 13/16
16 17/32	10 5/16	6 23/32	6 7/32	6 15/32
19 5/16	12 1/32	7 25/32	7 9/32	7 17/32
22 3/32	13 3/4	8 27/32	8 11/32	8 19/32
23 13/16	14 13/16	9 1/2	9	9 1/4

All holes at the square end of a stick are 1/4 inch from the end. X is the distance from the square end to the second hole in all arms.

Paul Wolff



April Demo - Al Cummons

At the meeting in April Al Cummons gave us a lecture and demo on the uses of our routers. It will do almost anything, but most of us don't know the potentials, Al told us. He also gave us a demonstration on making a tongue and groove joint using the router.

Unfortunately we didn't have the use of the overhead monitor and camera, so the demo was quite short. At upcoming meetings, we anticipate having the camera so everyone will have an excellent view of what's going on, when Al continues with his router education for us. Knowing what the router is capable of, and how to use it properly, will multiply our abilities in the shop.

Do You have an adaption, original project idea or technique you want to share?

Send a rough draft or finished article to newsletter@coloradowoodworkersguild.org for possible inclusion in one of our newsletters.

March Demo Review

If you missed the March demo with TS Woods you missed a fascinating display of alternate possibilities that sent the creative juices flowing wildly. While it seemed to some that the presentation might be amusing but somewhat long, it turned out to be exactly the opposite. Tom Frink and his son, Shawn, kept the crowd interested and in fact, ran short of time while still fielding questions.

In a nutshell what they do is color wood. The main process is kept secret and at this time only Tom and Shawn know the entire process. The process is typically performed on trees that are infested and going to be cut down to be cleared for healthy trees. This way no trees are chopped unnecessarily and the forest is left to grow. But the process itself works on any tree. To date they have experimented successfully on over 3 dozen varieties. Their main sources are Colorado trees since they are based in Pueblo. So typically they color and sell Pine, Aspen, Maple, Ash with Walnut, Oak, Cherry and Hickory also available. Tom has spent 42 years experimenting and perfecting this process and the results are stunning and unpredictable. While they attempt to color trees using several base colors, the trees themselves have their own way of interpreting the color. Sometimes they take it exactly as they should, while others added an unexpected additional color. This make every "coloring" a new experience. The samples they brought were varied and beautiful. While they may be limited in some applications there were many more that came to mind when looking through them.

In the beginning, the process was a long, involved hurry up and wait experiment. But over the years, Tom has perfected his procedure to the point that trees can be colored from ground level to the top in 2 weeks or less. Some trees color in mere hours! None of Tom's dye process ever travels below ground and he has made sure that the process itself is non-toxic and environmentally friendly. All wood is milled and kiln dried at their facility in Pueblo and sold by the board foot. They are happy to custom cut sizes for you too. Besides lumber, they make every attempt at using every part of the tree including branches and SAWDUST. He showed an example of a pine branch that had very blue needles on it. He also displayed a lamp turned from a nice stock of colored

wood that had a lamp shade made from handmade paper created from the sawdust. Among other items on display were toys, boxes and some turned items including a beautiful bowl that was made by one of their patrons.

We thank Tom and Shawn for taking the time to wow us with their very unique process and hope that they will come back sometime to update us on the new wonders they have brought to nature.

Frederick Matzen

Finished Projects

Here is a project that I completed this week, it



was adapted from a plan in the winter issue of Fine Woodworkings Tools and Shops.

Two tool cabinets. The plan in Fine Woodworking was for a single cabinet 48 inches high. I did not have the space for that and ended up making two cabinets the same depth and width; but, only 30 inches high. With the doors open above the work bench they provide 11 linear feet of tools ready for use. The inner doors allow for tools to be hung on both sides and of course the back wall of the cabinet is more additional space. This cabinet



has planes chisels, riffles and rasps in front with saws hanging inside the cabinet. This cabinet has screw drivers, pliers, nut drivers, squares, and measuring tapes... plus the drawers. With doors closed the hand saws and framing squares fit

in custom pockets in the back of the cabinet. The cabinet frames are box jointed as are the drawers.

Bob Beason

GUILD MEMBER DISCOUNTS

20% off of purchases at

The Hardwood Emporium

16043 W. 4th Ave., Golden CO. 80401
303-277-1488

10% off at:

Abilene Awards & Logos

1730 S. Abilene, Aurora, CO. 80012
303-755-0337

Austin Hardwoods

975 W. Mississippi, Denver, CO.
303-733-1292

Centennial Wood Co.

985 S. Logan, Denver, CO.
303-778-6209

Charlie's Secondhand Store

2227 Larimer St., Denver, CO.
303-295-1781

Paxton

4837 Jackson St., Denver, CO.
303-399-6047

Rockler Woodworking and Hardware

2553 S. Colorado Blvd., Denver, CO.
303-782-0588

TC Woods

9776 Arapahoe Rd., Lafayette, CO.
303-494-0425

Woodcraft

4403 S. Tamarac Parkway, Denver, CO.
303-290-0007



HAVE YOU CHECKED OUT OUR WEB SITE?

Hopefully, all of you have had an opportunity to check out the CWG web site at www.coloradowoodworkersguild.org.

You need to be a member to access the entire site but everyone can see some of what goes on.

If you are a member and have not received access, please contact the webmaster at: webmaster@coloradowoodworkersguild.org

Photo Gallery

If you have photos of your woodworking projects or from any of the Guild's events, you can create your own gallery after you login to the site. Or bring a CD/Floppy/Flash card with your photos to a CWG monthly meeting and give it to one of the Board Members.

Classified Ads

Got Stuff to Sell? Looking for Stuff to Buy? Please check out our web site's Classified Ads feature to post your ads and see what others need or have to offer.

WOOD OF THE MONTH

Paxton:

4/4 Hard Maple 6 ft. Lengths Only - \$2.89 BF

Hardwood Emporium:

4/4 - 8" and wider Birch - only 400 BF available - \$4.99 BF

4/4 - Red Elm - \$2.75 BF

Austin Hardwoods:

Their Wood of the Month program has been discontinued

Centennial:

12/4 Walnut - 7 ft and shorter boards - \$10 BF

Board Members

President:

Bill Hoppers
303.424.6052

Vice-President:

Bob Betting
303-239-9140
famd2@comcast.net

Treasurer:

Chris Pine
303.936.3859
cpine522@comcast.net

Secretary:

Frederick R. Matzen
frederickrm@gmail.com
303.985.7360

Committees at Large:

John Hammer
303.972.8065
jvhammer@msn.com

Deputies of the Board

OPEN

Committee Leaders

Christmas Toy Program
Bill Huffer
303-283-8982

Membership Coordinator
Ron Vanous
303.988.6047

Yahoo Group Moderator
Carl Beck
carl@carlbeck.com

Not yet a Member?

We invite you to join now. Here are some of the benefits of becoming a member:

Monthly Guild Meetings -- Here woodworkers from novices to highly skilled craftsmen can meet, network, solicit advice, share ideas, and learn

Annual Craftsman Show -- The woodworkers' showcase! A world-class exhibit featuring pieces created by our diverse and talented guild members

Christmas Toys Program -- A great opportunity for novices to work side-by-side with and learn from experienced craftsmen, and in the process create fabulous toys for underprivileged children

Field Trips -- To local lumber yards, mills and workshops

Monthly Newsletter -- That includes meeting announcements, free classified ads and much, much more...

Membership in the Colorado Woodworkers Guild is \$30 per year.

To join, provide the information requested below and return with your \$30 check to:

Colorado Woodworkers Guild

P.O. Box 100996

Denver, CO. 80250-0996

NEW

Board Meeting Minutes

To conserve space in the newsletter for articles of interest to our Guild members, we no longer publish the Board Meeting Minutes each month. Copies of the minutes are available upon request by contacting a Guild officer.

Visit our web site for the latest information and late breaking announcements:

www.coloradowoodworkersguild.org

Guild Business: Monthly Board Meeting

The next CWG Board Member Meeting will be May 22nd, 6 p.m. at Villa Del Sol Mexican Food, 6026 W. Alameda Ave., (Harlan St.).

The meeting is open to all members. If you have suggestions on CWG speakers, topics, events or activities, please feel free to contact any Board Member or attend the Board Member meeting.

Name

Company

Address

City

State

Zip

Phone

E-mail