

Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume XV Issue III

March 2014

Sawdust Sentinel

By R Daniel Grimes



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Sawdust Sentinel March 2014

Well, we've finally made it through the shortest month of the year! Has to have been the coldest as well!!

Now we set our sights on the Spring and the warmth of the sun and smell of blooming flowers.

Did you get those projects planned out and ready to start?

The articles that I have been presenting are meant to go through the process of

selecting the wood, what to look for different projects, what to avoid (or what to determine how much of a "wood Worker" you are) dealing and working around cupping, bowing, crooks, knots and defects. This month, I present Part 1 of an article which details a personal favorite of mine – curly woods.

Known only to the original Woodworker in the Sky, creator of the trees and wood we love, modern man cannot find out why it happens or duplicate the look. For once there has not been a man-made version that explains it.

Let me know what you think.

Oh and as I announced at last month's meeting.....take a look at the new and improved CVWA website.

Keep on making sawdust my friends!

The Way Wood Works: Curly Wood – Part 1

By Tom Caspar

Reprinted from American Woodworker Magazine June 2011

Hidden within a few trees in every forest lies a mysterious distorted wood that has always fascinated woodworkers.

You can't spot curly wood from the outside, bit inside the tree a peculiar switch has been flipped, turning straight tree cells into wavy cells. Cut the tree open, plane the wood and

you get spectacular, three-dimensional rippling wood grain. But beauty comes at a price. You can tear your hair out trying to tame this unruly wood. Here are some practical tips on how to buy, machine, and finish curly wood.

What is Curly Wood?

The stripes you see in a finished board of curly wood come from the play of the light on grain that waves from side to side. The



Split open a curly log and you'll find grain that bends back and forth like a wave, producing a shimmering effect like light bouncing off the ripples on a pond This chunk of white oak is spectacular-looking wood

troughs and crests of the waves reflect light in different directions. As you turn a curly board around in your hands, its surface actually shimmers. Light areas turn dark and dark areas turn light.

The biology of curly wood is as mysterious as its appearance. No one really understands why some trees have this wavy grain. It's not genetic. You can take seeds from a curly tree, plant them near their parent, and get nothing but straight grained timber. The best guess is that stressful growing conditions, such as cold and drought, turn on the curly switch in a few

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For Sale

DeWalt 682 type 1 plate joiner complete with case and manual. Very good condition \$65.00

Contact Bob Colby at 319-268-0883



Delta Miter Saw \$50.00

Warren Brecheisen

319-277*-2118

For Sale

Dayton Blower: Grainger
Model #3c539A

GE. 5h.p. motor /230v.

12 1/4" squirrel cage fan

Details contact:

Dave Dreyer at 319-240-8058

Email: daved@wilsonsr.com

The Oak Bulletin Board

CWWA's next meeting Tuesday March 11, 2014
6:30PM at The Waterloo Center for the Arts 220
Commercial ST

The next Executive Board meeting will be March 18,
2014 at 7:00 PM at Dave Turners home 430 Prospect
Waterloo

Scroll saw club meeting will be at Art Mehman's Shop
1205 Fairview Ave Painfield . March 27 2014

Corridor Wood turners meeting Thursday March 13,

2014 at 6:30 PM Leisure Living Construction 2700
Stonegate CT Cedar Rapids.

trees, but no one has figured out how to duplicate these conditions in order to grow curly trees.

Curly wood is found in every kind of tree under the sun. Environmental factors probably turn normal trees into curly ones, but nobody knows for sure how it happens. Soft maple and birch are the most common domestic curly woods

Curly grain can appear and disappear within a single tree. One side of a tree can be curly and the other side straight. Young outer layers may be curly, but not older layers. It's totally baffling!

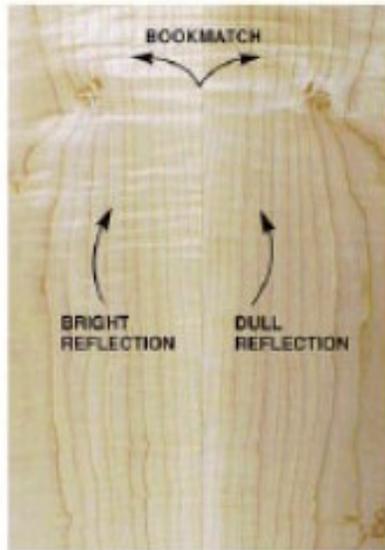


Glued up curly boards may not go well together. Curly figure is unusual because it runs at right angles to the edge of the board. It's difficult to align figured wood like this in a group of narrow boards. Instead look for wide boards

Buying Curly Wood

Any kind of tree can become curly, but some species that grow in tough northern climates produce a greater percentage of curly wood than others. Flame birch and tiger maple are well-known examples, but you can uncover curly walnut, curly cherry, and curly oak, just to name a few.

If you are lucky, you can find curly wood in any pile of lumber for the same price as a straight-grained board. Many lumber mills process logs so fast they don't stop and cull the unusual curly ones. If you search for curly boards in the rough, look for a striped barber pole surface or alternating areas of smooth and fuzzy grain.



Resawing a curly board into two book matched pieces make a wide panel, but you may not like what you see. Although the grain structure is the same in both boards, the figure doesn't look the same. Bright areas on one side may look like dull areas on the other side

A few folks in the lumber trade make it their business to find curly logs. Wood prospectors mine for curly gold in the hundreds of average trees felled by a lumber mill. The prospectors peel back the bark of some logs before they're sawn. If they hit pay dirt, they'll purchase the log and gamble that most of it is truly curly. No one will really

know how spectacular of faint the curl is until it is sawn.

Each dealer has their own system of grading curly wood, based both on general figure and the number of curls per inch. They'll be the first to tell you that curly wood is so unusual that it defies classification. Your best bet for consistency is to stick with a dealer who has a large stockpile and familiarity with the enigmatic wood.

The Benefits of Wide Boards

Many dealers in curly wood hoard wide stock. Their logs are custom sawn to maximize the width of each board.

Why go to so much trouble? Imagine a drawer front made out of three curly boards glued together. Individually, each board looks fantastic, but they don't work together. One wide board for the drawer front would look much better. Experienced builders of reproduction furniture look high and low for wide boards.

Next Month – Part 2 of Curly Woods



CVWA Meeting 2-11-14

President Grimes called the meeting together promptly @ 6:30 P.M. There were 63 members present with 3 guests. He reminded members to shut off or silence their cell phones out of respect for our speakers. He also spoke to the fact that we are still needing a 1st & 2nd vice president for the club. He spoke also to the fact that the 2014 dues were due for payment.

He thanked members that had brought treats. Those were Roger Kittleson, Del Shafer, Warren Brecheisen, and Garry Gardiner. Thanks gentlemen!!!!

Dan introduced a representative from the United Way, talking about the Food Bank "Empty Bowl" fund raiser. Diane asked members to consider making something for the silent auction or for the bowl giveaway. It is not necessary to make a bowl, other items will be accepted.

Show & tell:

Ken Walleser showed a cement truck, Kevin Gade showed two different bowls and a bench, Hank Morris show purchased moving pads that really do work, and Sid Sidler showed three different bullet pens. Thanks guys for bring your projects in to show.

The raffle drawing was won by Becky Janzen , who happened to pick her own ticket from the bucket, and she chose the Bessey corner clamp. her name was also drawn for the sanding block, which she took. Garry Gardiner won the tape measurer.

Our program presenters were Dave Turner who demonstrated and showed a scarf joint, Bob Hewlitt showed a commercial system for making

heart joints, Bob Renz demonstrated coped joints in crown molding. The old method using a chop saw meant that the pieces had to be cut upside down and backwards and Pat Vollbrecht demonstrated finger joints using a commercial jig to create the joint. He explained that it would be very easy to avoid the expense of the jig by creating your own from scrap wood around the shop. He also showed a home made router table that he had made. He talked about the Bosch router that functioned as a router and a lift system all in one. Very inexpensive for a complete plunge / stationary router system.

The meeting closed with new skills learned and challenges accepted to create some beautiful wood working joints in the future.

Respectfully submitted

Pat Vollbrecht, secretary

2014 CVWA BOARD MEETING February

President Grimes called the meeting to order promptly at 7 PM. Paul & Wanda Bailey, Reed Craft, Dave Turner, Dan Grimes, Terry Duckworth, Jim Wikle, Bob Hewlitt, and guest Mark Jensen were in attendance.

The Treasure's report was given and accepted. Currently there are 81 paid members. With 19 that are currently unpaid for 2014.

New members are given custom made sanding blocks with the CVWA logo burnt into the block. Thanks Dave Turner and Bob Hewlitt.

The board has implemented a new policy: From this day forward only members of the club will be allowed to advertise tools or services for sale within the clubs members. This includes the news letter, the website,

(Continued on page 5)

and mass emails to club members. What this means is anyone wishing to advertise to our members will have to join the CVWA as members. Traditionally a \$25.00 fee, which in years to come might change. The advertiser/member will have to have her/his name and phone number in the ad.

In the interest of safety, the following comments and web sites are inserted into the minutes. Hank Morris had a email sent to him about garage entry by thieves, as well as a corresponding web site in how to prevent the entry by thieves. the you tube websites are listed below. Please consider checking them out.

<https://www.youtube.com/watch?v=nDw8DOblGB8>
Garage break in

https://www.youtube.com/watch?v=kSO_HTBHLFI Garage break in you can prevent

Another concern your board has been aware of is the hazards of discarded 9 volt batteries :

<http://pittsburgh.cbslocal.com/2012/08/22/experts-warn-against-storing-9-volt-batteries-in-junk-drawer-due-to-fire-hazard/> 9 volt battery safety click on the arrow of the link

Other items discussed were Our need for a 1st & 2nd VP. Without adequate leadership, the club will cease to exist! Consider getting involved!!!!!!

2014

March's meeting will be Jerry Herman demonstrating scroll/band saw bowls and laser engraving techniques.

The newsletter deadline is March 2, 2014

Respectfully submitted,

Pat Vollbrecht

Cedar Valley Woodworkers Treasurers Report February 18, 2014

Beginning Balance **2971.45**

Income:

Dues	75.00
Tool Fund	117.00
Dividends	.12
	<u>192.12</u>

Expenses:

#2526 Dave Turner-Stamps	9.20
2527 Postmaster-Stamps	6.30
2528 Barb Gurney-Coffee	15.96
2529 Marvin Widdel-Free Dues	25.00
2530 Wanda Bailey-Tablecloths	41.36
	<u>97.82</u>

Ending Balance **3065.75**

Office Fund **2446.27**

Tool Fund **629.48**

80 Paid Members

Upcoming Expenses

Website-May	200.00
Rent-June	550.00
Picnic-Sep	100.00
Liability Insurance-Sep	251.00
Christmas	599.00
+ Tool Fund	
Postage Christmas letter	49.00

Respectfully Submitted
Paul Bailey Treasurer

Show and Tell



Top Left: Two turned bowels by Kevin Gade

Top Right: Toy Cement Truck by Ken Walleser

Center: Bullet Pens by Sid Sidler

Lower Photos

This months Presentation: Heart Joint by Bob Hewlitt

Dave Turner presenting how to make a scarf joint.

Also presenting Bob Rentz demonstrating coped joints in crown molding and Pat Vollbrecht demonstrating finger joints pictured on Page 3.



List of Mentors for Club Members. I believe the mentor's time is free, but the person being mentored is expected to cover any material costs.

Canoe/Kayak construction, Chip Schmidt, 277-8504, cschmidt@cfu.net

Detailed Toys, Bob Anderson, 239-7763, wtoys@yahoo.com

Jack of all trades (enjoys a Challenge), Hank Morris, 277-0692, hankannam@aol.com

Has the Ability to figure MOST problems out—Dick Buchanan, 277-2477, rbuchanan@cfu.net

Intarsia, Pat Vollbrecht, 232-1923, patV35@mchsi.com

Fretwork, Garylee Thurm, 279-3219, flytying4u@hotmail.com

Cabinet making, Tom Bussey, 641-435-4354, tebussey@gmail.com

Wood carving, Sid Sidler, 233-1396, sidsstudio@aol.com

Furniture and cabinet building, Jerry Krug, 475-2391, jkrug@lpctel.net

Equipment Maintenance and repair Bob Colby 319-268-0883

Classes and Services for Pay by Fellow Club Members

Sharpening services by Glenn Johnson, 641-435-2511

Sharpening Stone Sales Gary Lee Thurm 319-231-4577

NEW PATTERN TEMPLATE LIBRARY

Your executive board has developed a new loaner program that might be of interest to each of you. Though the contribution of several different individuals the following full size templates are available for check-out by club members:

Nativity set:

Rocking horse:

Two different doll cradles

Should any of you have a pattern template set that your willing to share, call a board member!

Please remember to patronize our Sponsors!

** Member ID required for discounts



Woodsmith Store**

10320 Hickman Road

Clive, IA 50235

515-254-9494 or

1-800-835-5084

Pittsburgh Paints

528 West 5th St.

Waterloo, IA 50701

319-234-1739



****501 West 1st Avenue
Durant, Iowa 52747-9729
800-344-6657**

**Glenn's Sharpening
32446 Floyd Line St,
Nashua
641-435-2511**

**Acme Tools **
1943 Blair's Ferry Rd.
Cedar Rapids, Ia.
319-363-2211**



**10% Club Discount
www.hartvilletool.com
Contact Pat Vollbrecht
for details**

319-232-1923

**Sherwin Willams
5212 University Ave,
Cedar Falls
Offers club members a
Scheduled discount**

319-277-1034

Officers and Committee Members

Elected Committee Members

President R Daniel Grimes

1st Vice President

2nd Vice President

Secretary Pat Vollbrecht

Treasurer Paul Bailey

Appointed Committee Members

Committee Member **Gene Knief**

Committee Member **Terry Duckworth**

Committee Member

Reed Craft

Committee Member

Dave Turner

Committee Member

Robert Hewlitt

Committee Member

Dennis Gilroy

Club photographer

Wanda Bailey

Refreshment Chairman

Barb Gurney

Newsletter

Jim Wikle