



Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume XXII Issue VII

Sawdust Sentinel Sawdust Sentinel

July 2021

Milo Mead



Presidents Corner



Greetings once again saw dust makers, This is a picture of my Old Timer pocketknife, and I do mean old. I imagine most woodworkers carry a pocket knife; you probably have one in your pocket right now.

Who are the kind of men who carry pocketknives today? They are typically the type of men who have worked hard for a living or still are. They can usually fix whatever is broken. To put it simply, this country needs more of this type of men. They are few and far between these days. We have store clerks now a days that can't even make change if the cash register doesn't tell them the amount to give back. Common sense, understanding the situation, and taking the appropriate action are more and more a rarity today. So anyway, if you find yourself in a tight spot and need some help, just ask the guy with the pocketknife, chances are he can and will be able to help you out.

Presently, machines and computers do more and more of our thinking. Have they taken away our need to think and use common sense? I was over at Stephen Crouse house, and he was using a computer program to diagram a project. To me it looked complicated to learn, I don't know if it is and

I will probably never try it. I remember when I was back in 7th grade shop class and we had to take several weeks of drafting. We had nice drafting tables and had to draw up wooden block objects (front view, top view, and side view). We had hidden lines, sometimes holes drilled in them, grooves, etc. We were not only graded on was it correct, but also neatness. Ugly erasers and sloppy lines counted against you. I don't have room for a drafting table in my shop, wish I did. Today I use graft paper with the faded checkerboard lines on it. The cubed lines can be one-inch squares, three-inch squares, foot-squares, or whatever. For me it is a crude simple way to draw up projects. Works for me anyway.

Our July meeting will feature a presentation on Inlaid Line and Berry originating with the Quakers in Chester County Pennsylvania, in the 18th century and it is still used today, . You don't want to miss Line and Berry Inlay.

August will be a presentation by Craig Clark an Instructor at Hawkeye Community college will speak about the sustainable construction and design process for new homes and what can be done to upgrade existing construction..

Milo Mead,

President

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Editors Notes

- 1. There is a data base being developed of special tools that not all the members would have. The tools in the data base can either be loaned out by the member or the member needing the tool can go to the shop of the member that has the tool
Contact : Steve Crouse 319-230-3447 Milo Mead 319-240-0844**
- 2. Not pictured this month Rod Lair's 3 D Rings ,**
- 3. The club is looking for a new photographer if you or some one you now is interested have them contact Milo Mead President 319-240-0844**

New Club Meeting Feature

SALES TABLE - There will be a sales table at each meeting. Sales will be done before each meeting and at the coffee break. We have been donated two tools by Tom Romaine. They are like new. \



For Sale

Refinished Hutch Table and Chairs by Dave Dryer: Contact Dave directly @ 319-240-6984 or e-mail davedreyer@outlook.com

The Oak Bulletin Board

THE NEXT Club meeting IS July 13. 2021 AT THE ART CENTER 220 COMMERCIAL ST WATERLOO at 6:30 PM. IN OUR REGULAR MEETING (TOWN HALL)

The next Executive Board meeting will be on 20July 20201 at 7 PM At Dave Turner's home 430 Prospect Waterloo

Corridor Wood turners meeting will be at 6:30 PM Marion high school shop Thursday July 15

Members,

Those of you who have brad point bits that need sharpening two vendors have been developed

Aksarban Saw and Tool, 125 Poplar Suite 5 Springfield NE 68059, (402) 253-3021

**Sharpening Shop Shupert & Son
99 Avondale DR, Dayton OH 45404
(937) 233-5144**

The Editor

CVWA Club Meeting Minutes 8 June 2021

Vice-President Stephen Crouse called the meeting to order promptly at 6:35 PM.

37 Members 0 new members and 2 guests were present:

Guest: Danny Warrington Speaker: Justin Morris

Announcements:

Stephen Crouse:

Introduction of tonight's speaker: Justin Morris
3-D Printing

Tour to Kendrick Forest Products Tour – Edge-wood, IA

When: Tuesday, June 15th. If you are interested in attending, please let us know tonight. Kendrick needs a count for staff and headsets.

Meet / Departure: Former Sears automotive building at 9:30 (2 hr. drive + pit-stop)

Tour starts at 11:30 AM

Thank you to: Ted Boger & Dave Turner for providing treats.

Upcoming Club Meetings:

July – Dave Turner will be demonstrating Line & Berry inlays on wood furniture.

August – we need a speaker

September – Club Picnic 2 Tours are planned for Sept 12th.

November – Milwaukee Tools

Reed Craft – 'National Cattle Congress' is going to be held this year and we again will be displaying items that we have made.

Stephen Crouse – extended a 'Thank You' to Reed for writing all of the announcements that appear in the 'Courier.'

Winners of Monthly Raffle:

Tool: (Bessy Clamp): Carl Leavell

Sanding Block: Sam Young

Show and Tell Items included:

Rod Lair – 3-D Rings

Kevin Gade – 2 Turned Bowls

John Hix – Wood mandala

Dean Schmitt – Book letter

Gene Yagla – Turtle box

The program was presented by: [Justin Morris](#) – 3-D Printer

Next Board Meeting is next Tuesday, June 15th at Dave Turner's home, 430 Prospect Blvd., Wa-

terloo, IA at 7 PM. All members are welcome to attend.

Next General Membership Meeting is July 13th at 6:30 PM.

**With no other business, the meeting adjourned:
8:25 PM**

Respectfully submitted,

Steve Robb, Secretary

Cedar Valley Woodworkers Executive Board Meeting Minutes 15 June 2021

Meeting called to order by President Milo Mead at 7 P.M. at Dave Turner's home.

Members Present:

Reed Craft, Steve Crouse, Dennis Gilroy, Gene Knief, Milo Mead, Steve Robb, Dave Turner & Joel Brummer.

Secretary's Report: Steve Robb presented the monthly Secretary's Report. Dave Turner noted that, in the May minutes, the name of Howard Frazer was misspelled. The May minutes will be corrected. Motion to approve was made by Dave Turner. 2nd by Stephen Crouse. Approved.

Treasurer's Report: Reed Craft presented the monthly Treasurer's Report. Gene Knief questioned if the listed amounts for the club's picnic and holiday dinner were correct. Reed Craft & Dennis Gilroy explained that the amounts were estimates. Motion to approve was made by Gene Knief. 2nd by Stephen Crouse. Approved.

Agenda:

Milo Mead:

Thank you to Stephen Crouse for arranging the tour to Kendrick Forest Products.

Refreshment signup sheet – ask at the membership meeting if someone would take over the responsibility of the 'Refreshment Sign-Up' sheet.

Dave Turner to send a 'Thank You' to Justin Morris for his presentation.

(Continued on page 4)

Stephen Crouse sent a 'Thank You' to Kendrick Forest Products.
John Hix has said he is retiring from taking pictures at the CVWA events.
Reed Craft – said that he and Dave Turner have purchased 20 additional tools for the club's inventory.

Dave Turner suggested creating a poster, re CVWA, to be displayed in *Maker's Space*.
Martin Chin has donated a Delta bench drill press to the club. Dave directed to send Martin a 'Thank You' letter.
said that more sanding blocks need to be made. It was decided that we would now just give a tape measure.

Upcoming Club Meetings:

July – Dave Turner will be demonstrating 'Line & Berry Inlays' on wood furniture.

August – we need a speaker

September – Club Picnic & 2 tours are planned for Sept 12th. Sign-up sheets will be at the next 2 membership meetings and an article will be in the next newsletter.

October – 3M

November – Milwaukee tools

December – Christmas Party

Newsletter Deadline: June 23rd

Motion to Adjourn: 7:50 PM

Respectfully Submitted,

Steve Robb, Secretary

Show & Tell



Top: Jewelry Box by Rod Lair

Bottom: Bottle Bat by Gene Knief



Show & Tell Covid 19style



Top Left: Book Letters made out of used books by Dan Schmitt



Top Right: Turned Bowl by Kevin Gade

Center: Turtle Box by Gene Yagla

Bottom Left: Wooden Mandala by Jon Hix

Bottom Right: Junes Presenter Justin Morris discussing his 3D Printer



First in a series on sharpening

Woodturning Tool Geometry/Physics

Or everything you REALLY wanted/needed to know about turning, but no one has ever explained it.....

By Lyndal Anthony

"Insanity is doing the same thing over and over again but expecting different results."

Quote first appears in the book "Sudden Death" by Rita Mae Brown

Problem solving comes from collecting bits of information into a carefully formulated theory, just like a detective collects bits of evidence to form a complete picture of a crime to identify the suspect. I have collected bits of information from my life and have added them up to present the following information.

What is tear-out and what causes it?

Tear-out happens when the fiber is levered up, chipped or torn out of wood surface in front of the blade before the blade/gouge actually cuts/slices it.

I was turning a dry box elder bowl with a lot of curly figure in it. I kept getting tear-out and I tried all of my usual tricks; sharpening, re-sharpening, wetting the wood, different tools etc. to get rid of it. Figuring that doing the same thing over and over again and getting the same results, I went back to my grinder and sharpened my bowl gouge with a broader nose radius and this time instead of cutting with the flute half open, I closed the flute almost completely and found that the tear out was gone! That revelation started me on my quest to understand how a turning tool actually cuts the wood fibers and what the variables were and to question "expert" advice.

At this point my ninth grade shop training started to help. Our first project in shop class was to take a block of wood and a hand plane and make the board flat, parallel and square on all sides to a determined specified measurement. With that exercise, I learned about wood grain. I learned how you have to plane with the grain and how hard it is to cut end grain. Also with end grain I learned that if you tried to plane all the way across the end grain, the grain would split off on the opposite side because those last grains were not supported.

With this reference I tried all of the cuts/tool angles/tool grinds and techniques that the experts have always recommended.

What I found:

Scraping lifts and pulls wood fibers up and out. If you skew/shear scrape, it reduces the tear out, but it is still there. If a negative rake scraper is used, the negative rake wants to push the wood fibers back into the wood before scraping them off which again, reduces tear out. It reduces but does not eliminate tear out.

Using a shear cut causes the tool to cut as a reduced bevel angle. (*Skewing the body of the plane lowers its effective cutting angle, which can work in your favor or against you. Skewing also changes the relationship of the cutting edge to the wood fibers, which can change the surface finish of the wood. Skewing makes the plane easier to push, but it can increase tear-out in some situations. In some rare reverse-grain situations, however, it also can reduce tearing.*) (<https://www.popularwoodworking.com/woodworking-blogs/skew-the-hand-plane-sometimes/> Recommended in depth reading: <https://handtoolmanual.com/hand-plane-tearout-how-to-defeat-the-monster/>)

What I found to be most effective is to try and slice through the side of the wood grain. A shearing cut slides along the wood grain at an angle which can tend to wedge the wood grain up, but slicing slices through the wood grain cuts cleanly reducing tear out.

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

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

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

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

Furniture and Cabinet Building, Jerry Krug, 475-2391, jandjkrug@gmail.com

Equipment Maintenance and Repair, Bob Colby, 319-268-0883

Classes and Services for Pay by Fellow Club Members

Sharpening Stone Sales Gary Lee Thurm 319-231-4577

Larry Miller 319-239-4059 Sharpening Service

Carl Leavell 319-233-4491 Sharpening Service

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 sets: Rocking horse: Two different doll cradles

Mission Wall Clock #49586. Size-21 1/8" H X 14 1/2" W X 6 1/4" D

Mission Mantel Clock #49584. Size 16 5/8" H X 12 3/4" H X 5 3/4" D

Mirrored Mantel Clock #49606. Size 16" H X 10" W X 7" D

Atkins Mantel Clock #49643. Size 34" H X 12" W X 6 7/8" D

Carrington Mantel Clock # 49673. Size 12 1/4" H X 9 1/2" W X 5" D

Bedford II Mantel Clock #49004. Size 10 1/2" H X 18" W X 7 3/8" D

Key Cabinet Wall Clock # 49028. Size 14 1/2" H X 10" W X 4 1/2" D

Dearborn Regulator Wall Clock #49604. Size 18 1/8" H X 11 3/8" W X 4 1/2" D

Mirror & Coat Rack #49199. Size 48 3/4" H X 26 1/4" W X 8" D

Colonial Desk #435. 48" Wide- 8 drawers

Assorted Bird Houses

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



Hartville
TOOL By **HARTVILLE**
HARDWARE

Woodsmith Store**

10320 Hickman Road
Clive, IA 50235
515-254-9494 or
1-800-835-5084



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

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

Sherwin Willams
Waterloo Cedar Falls
And 2
Nation wide

Pittsburgh Paints
528 West 5th St.
Waterloo, IA 50701
319-234-1739

Officers and Committee Members

Elected Committee Members

President Milo Mead
1st Vice President Steve Crouse
2nd Vice President

Secretary Steve Robb

Treasurer Reed Craft

Committee Member

Committee Member

Membership

Club photographer

Refreshment Chairman

Newsletter

Bob Hewlett

Gene Knief

Dave Turner

John Hix

Milo Mead

Jim Wikle

Appointed Committee Members

Committee Members

Committee Member Terry Duckworth *inactive*

Committee Member Dennis Gilroy