

Cedar Valley Woodworkers

Cedar Valley Woodworkers Association

Volume XXII Issue VI

Sawdust Sentinel Sawdust Sentinel

June 2021

Milo Mead



Presidents Corner



complete a woodworking step or process more accurate than without it. It could be as simple as block of wood clamped to my miter saw to cut several pieces of wood all the same identical length. Or something a little more complex, like a sliding box or I call it a sled that makes it easier to cut 90-degree angles on a table saw. Sometimes I may make a special one time use only jig. For example, when I was making the dome for my super clock. I needed to cut 18 of the same part and there was not a single 90-degree angle or bevel anywhere. Not only that, but they were also all slightly different, each finely cut to fit exactly. The jig was made to ride along the mini table saw fence. The cut was angled and not parallel to the fence and the cut was beveled to boot, hence the need for the jig. I have a special mini table saw fence that allows me to make micro adjustments in thousands of an inch. So, I would cut it too wide and sneak up on it a little at a time until I had an exact fit. I realize this might be hard to visualize, but it worked great. I numbered each piece. and its position in the dome, and then did the scroll work.

Now I know you can do most of the things without a jig, but the process is a lot harder, and the results are a lot less uniform. The whole point of a jig is to make the process easier, more accurate, and repeatable. I should also mention it is much more enjoyable using a jig than just winging it.

. Milo Mead
President

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Greetings once again fellow woodworkers,

It is time to let the sawdust settle and write a little. The June meeting will feature Justin Morris doing a presentation on 3D printing. I believe the plan is for him to bring one of his machines and have it actually running and making a part when you come into meeting. Even a simple part can take an hour or more to make. You do not want to miss this, although I will. I will be fishing at Lake Rathbun that week.

I am occasionally asked how long it took to make a certain cut. I tell them about five seconds to make the cut and a week to make the jig. While the time making the jig is obviously exaggerated, time spent making jigs is important, and I build jigs whenever I can.

A jig is just a thing that helps me

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 Dean Schmitt's Jewelry Box or Gene Knief's Bottle Bat. In addition none of the this months presenters Gene Knief, Dave Turner, Milo Mead and Jim Wikle are not pictured
3. Puzzle has been discontinued for lack of interest. What would like to see used as a brain teaser or puzzle??? Contact Jim Wikle 765-366-4319 or bring ideas to the next meeting

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 June 8. 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 15 June 2021 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 June 10

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 11 May 2021

President Milo Mead called the meeting to order promptly at 6:35 PM.

31 Members 1 new members and 2 guests were present:

New Members: Gene Yagla

Guests: Jason Clark & Clark Buckingham

Thank you to:

Bob Lee for providing treats.

Milo Mead for making the coffee.

Announcements:

Milo Mead:

Next Board Meeting is next Tuesday, May 18th at Dave Turner's home, 430 Prospect Blvd., Waterloo, IA at 7 PM. All members are welcome to attend.

Next General Membership Meeting is June 8th at 6:30 PM.

Due to the restrictions of Covid being lessened, 'National Cattle Congress' will happen this year. We need to start thinking of projects that we would like to display at the 'NCC.'

We will have our annual picnic in September.

We will have our Holiday party.

We are finalizing a tour to Kendrick Forest Products, of Edgewood, in June. Details will be coming.

Howard Fraser – explained that he has available, at no charge, many 'Waterloo Industries' components.

Stephen Crouse – told how he has built a database for the membership to input their unique tools so that fellow members would have a resource to complete a project.

Winners of Monthly Raffle:

'Clue' Drawing: (Wixey) Milo Mead

Tool: (Kreg Multi-Mark) Jim Waring

Sanding Block: Bob Lee

This month's program was 'Sharpening Tools' presented by:

Circular Saw Sharpening – Milo Mead
Oneway Wolverine Sharpening System' – Jim Wikle

'Drill Doctor Bit Sharpener' – Dave Turner

'Work Sharp Guided Sharpening System' – Gene Knief

Show and Tell Items included:

Jerry Krug – Outdoors wine bottle & goblet table, Jewelry box, Table using Japanese joinery, In/

Out desk shelves, 4 Kaleidoscopes, Table w/ Am Elm top, Desk, Cedar Chest, Wall cabinets for rec room & mudroom, and Filing cabinets.

Gene Knief – Bottle bat.

Dean Schmitt – Jewelry boxes.

Rod Lair – Coaster set and Oval jewelry box.

Dave Turner – sharpening tools and strops.

Reed Craft – Jewelry box.

Jeanine Begalske – Bread box.

John Hix – Turned bowl and lid.

With no other business, the meeting adjourned: 8:20 PM.

Respectfully submitted,

Steve Robb, Secretary

Cedar Valley Woodworkers Executive Board Meeting Minutes 18 May 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, Milo Mead, Steve Robb, Dave Turner & Jim Wikle

Secretary's Report: Steve Robb presented the monthly Secretary's Report. Motion to approve was made by Reed Craft. 2nd by Stephen Crouse. Approved.

Treasurer's Report: Reed Craft presented the monthly Treasurer's Report. Stephen Crouse asked how much money we normally have in the Tool Fund in December. After checking past records, Reed said that we are less than normal, but Milo Mead said that we currently only have 62 members and we should be okay. Reed also added that with the new member, our membership is now at 62. Motion to approve was made by Jim Wikle. 2nd by Dennis Gilroy. Approved.

Old Business:

When asked what sort of response Stephen Crouse had to his idea of a Unique Tool spreadsheet, that he had presented at the General Membership meeting, he replied that he has had no response. He suggested that an article be added to the upcoming monthly newsletter.

Milo Mead said that he had passed around the Treat Sign-Up sheet and that there was only 1

(Continued on page 4)

person signed up for the June meeting. Stephen Crouse and Dave Turner said they would also bring treats.

Milo Mead said that he would not be able to attend the June General Membership meeting and that Stephen Crouse would conduct the meeting. Milo will be back in time for the June Board meeting.

Following up on a telephone call from Howard Fraizer, Milo Mead & Stephen Crouse are meeting with Justin Morris to find out what he needs for his presentation.

Monthly Meeting Programs:

June – Justin Morris 3-D printer

September – Membership Picnic and Tours

October – 3-M

November – Anthony Carby 'Milwaukee Tools,

December – Membership Holiday Party

Idea of Future Meeting – Todd Durby with Iowa DNR Forestry

Future Meeting Tours:

June 15th: Kendrick Forest Products – Edgewood IA

Next General Meeting date: June 8, 2021

Next Executive Board Meeting date: June 15, 2021

Newsletter Deadline: May 24th

Motion to Adjourn: 8 PM

Respectfully Submitted,
Steve Robb, Secretary

Show & Tell



Top: Coaster Set and Oval Jewelry Box by Rod Lair

Bottom: Red Oak Bed Side Table by Steve Crouse



Show & Tell Covid 19style



Top Left: Bread Box by Jeanine Begalske



Top Right: Turned Bowl with Lid by Jon Hix

Center: In Out Box for the Office by Jerry Krug

Bottom Left: Sharpening Strogs and Lapping Compound by Dave Turner

Bottom Right: Jewelry Box by Reed Craft



Third in a series 25 best innovations in the last 25

Product evolutions that changed woodworking

Although the following types of products existed prior to 1984, evolution within each category has resulted in higher quality, accuracy, and safety for all of us.



Improved dust collection

As we became more informed of the health risks of breathing wood dust, manufacturers kept pace. They introduced affordable dust collectors, cyclones, and tool-triggered vacuums that not only sucked up the dust at the source, but also kept it contained with ultrafine filters. And tool manufacturers have placed greater emphasis on channeling dust into ports for those machines to better collect it.



Cordless tools

The earliest battery-powered drills in the 1970s were bulky and featured low-voltage batteries, but still seemed like a godsend because they had no power cord. Over the past 25 years manufacturers have boosted power significantly while cutting charge times and weight. They've also added keyless chucks and adjustable clutches, ergonomic designs, and other battery-powered tools, such as circular saws, reciprocating saws, jigsaws, and impact drivers.



Carbide cutting edges

Although manufacturers offered carbide-tipped saw blades and router bits beginning in the late '70s, it wasn't until the late '80s that carbide came into widespread use. With edges that stay sharp about 10 times longer than steel, it's rare now to find saw blades and router bits without carbide tips. Today, many jointers and planers feature cutterheads with replaceable carbide inserts.



User-friendly finishes

Responding to tighter regulatory restrictions, finish manufacturers began making more environmentally friendly products, such as water-based topcoats and stains, that also clean up easily. They also launched products—water and oil-based—that made finishing projects easier and more foolproof: gel stains, wipe-on polyurethanes, and oil-and-varnish blends.



Hyper-accurate rip fences and miter gauges

For more than 50 years tablesaws came with ho-hum rip fences and run-of-the-mill miter gauges that proved unreliable. When the Biesemeyer T-square-style rip fence was introduced in the late '70s, its accuracy, ease of use, and popularity set the standard. Since the mid-'90s, the majority of tablesaw manufacturers have included this type of fence as standard equipment on all but the most basic machines. As for the miter gauges, most saws come with a bare-bones model with only three preset stops. That's why in 1988 JDS launched its Accu-Miter gauge that boasted accuracy to $\frac{1}{30}^\circ$, and featured a telescoping fence and flip stop. You can now find more than a dozen such aftermarket miter gauges, ranging from about \$50 to nearly \$300. 🌲

Written by **Bob Hunter**

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

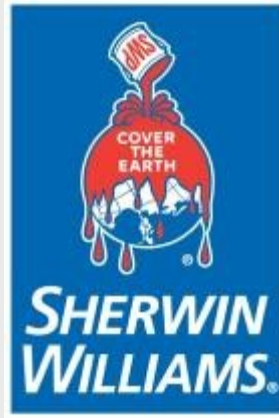
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Member ID required for discounts



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