



Des Moines

# Woodworkers

Issue 228

[www.dmwoodworkers.org](http://www.dmwoodworkers.org)

April 2019

## Sawdust from the Prez...

*Chuck Haas, President*

Happy springtime!! I hope everyone has sprung forward and is staying dry.



Thanks to John Twedt for the March presentation on bending wood. With all the different ways taught to bend wood there is no longer an excuse to not include a curve in your next project. I urge anyone that was unable to make the meeting, to

watch the presentation online through the Club's website. If you have any ideas for future program topics, please get in contact with the Program Committee.

There is still time to join the next education class taught by Phil Huber. These classes are a great and inexpensive way to advance your woodworking skills. For class topics and schedules see the Educational Committee article in the newsletter.

See you in April..

## Club Meeting Program for April

*Ron Hilliard, Program Committee Chair*

Kevin Boyle, an Editor at WOOD Magazine, will be our presenter on April 9th. Because of bad weather, Kevin rescheduled his talk from January. Last May, I had the good fortune to attend Kevin's presentation on veneering in furniture making at the Weekend with WOOD conference and got a lot of good ideas about the veneering process. In our program, Kevin will discuss how to choose veneers, how to prepare substrates and select the best adhesives for your project. We look forward to Kevin's presentation.

## Club Community Service

*Joseph Hansman, Community Service Director*

On April 26th, the Waukee Area Christian Services is hosting a fundraising gala to support their organization which provides local residents with a food pantry, community garden, free medical clinic, and a host of other services. They are hoping to raise \$50,000 to support their cause this year.

As part of this event, they will be having a silent and a live auction and would love to have a few items from our group to support them! The items for the auction are due on April 19th.

If you have any questions feel free to reach out to Melissa Stimple at

[melissa@waukeechristianservices.org](mailto:melissa@waukeechristianservices.org)

(515-987-5523) or myself Joseph Hansman, DMWA Community Service Chair:

515-560-6559, Option 6.



**Tom Whalley**



Des Moines

**Woodworkers**

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Ron Jacobson, 490-8333  
& Merle Miller, 999-2365



Des Moines

# Woodworkers

## Club Calendar - Meetings and Events

### Club General Meeting

Tuesday, April 9, 2019 – 7:00 pm

Woodsmith Store

### SIG - Furniture Making

Saturday, April 13, 2019 – 9:30 am

Woodsmith Store

### DM Woodturners Club

Saturday, April 13, 2019 – 1:00 pm

Woodsmith Store

## CNC Machines

Do you use or have an interest in CNC woodworking tools? Do you have a commercial CNC system like the ShopBot, Shapeoko or Shark? Does it have more than 3 axis? Have you held the Shaper Origin CNC Router, or used an automated cutoff tools like AutoSet? Would you like to know more about these cutting-edge tools (sorry for the pun)?

Let us know by sending your thoughts to [education@dmwoodworkers.org](mailto:education@dmwoodworkers.org) or leaving us a voicemail at (515) 650-6559 option 5.”



## Membership

Current Membership: 368

Membership a year ago: 383

## New members:

Judith Heggen - Des Moines

O. Dale Stevens II - Grimes

Thomas Wolfe - Urbandale

Jim Schafbuch - Ankeny

Mike Faber - Ankeny

Ric Frambach - Des Moines

## Library News

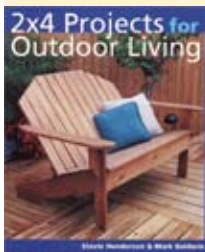
Eugene Harms, Librarian

Creating outdoor living spaces is a huge trend in home improvement in the past few years. Patios, decks, perhaps a gazebo, and even lawn and landscaping are extending our living spaces into the outdoors. Pergolas, Adirondack chairs, planters and a garden bench are all projects you can build to enhance your outdoor living space. With summer coming, now is the time to check out some books or DVDs on outdoor living projects from the Woodworker's library and get inspired.

### Building Outdoor Play Structures

[684.18 McGuire] by Kevin McGuire:

Provides instructions for building a sand and water table, grocery set, playhouse, porch swing, big blocks, and adventure set

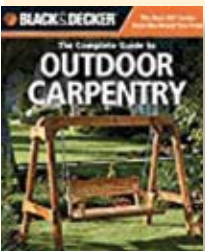


### 2X4 Projects for Outdoor Living

[684.18 Henderson] by Stevie Henderson with Mark Baldwin:  
Contains step-by-step instructions for building various types of outdoor furniture, storage sheds, and decorations.

### Better homes and gardens outdoor projects you can build [684.1 Better]

by Better Homes & Gardens

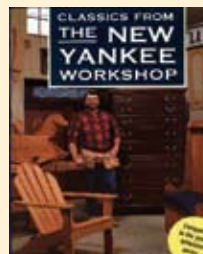


**Black & Decker - The Complete Guide to Outdoor Carpentry:**  
**More than 40 Projects Including:**  
**Furnishings - Accessories - Pergolas - Fences - Planters**  
[684.08 Complete]

### Simple Handmade Garden Furniture: 23 Step-By-Step Weekend Projects [684.18 Haxell]:

Some of the projects are basic ones you might expect to find: square and rectangular planters, a tool rack & caddy, hanging shelves. But some are unexpected: a charming picket-fence bench, an elegant garden chair, an herb planter, a small Japanese arbor.

### The New Yankee Workshop: Adirondack Trio DVD Measured Drawing [DVD]



### Classics from the New Yankee workshop

[684.1042 Abram] by Norm Abram:

Adirondack chair, Chippendale Mirror, Garden Bench, Hearthside Settle

### To place a hold on any item in our library

Open a browser and go to:

[www.dmwoodworkers.org](http://www.dmwoodworkers.org)

Click on the LOGIN tab and enter your user name and password

Click on the MEMBER tab and select Library  
Follow the instructions on the page to search the library catalog and place a hold.

The librarian will pull the item from the library and have it ready for you to check out at the next member meeting.



Lynn Clark



## The Bulletin Board

Ads that you want e-mailed to Members should be emailed to Jodi Alberts at [email@dmwoodworkers.org](mailto:email@dmwoodworkers.org). Be sure to include a price for each item plus your full name and telephone number. Be sure to double check your spelling – especially your email address.

The Club receives a small commission on purchases you make on the WOOD Store Website provided you access this Website from the Main Menu > Resources of the Club's Website.

Skill Development Classes are a real bargain. You pay for project supplies and in some cases a small instructor fee. Sign up for classes at a Club meeting or contact the instructor. E-mail Tom Brumbach at [education@dmwoodworkers.org](mailto:education@dmwoodworkers.org) for class information.

Do you have a friend who is interested in woodworking? Bring them as a guest to the next meeting.

If you are receiving this Newsletter via the Post Office and have Internet access, change to Website delivery and save the Club \$10 a year on postage and printing. We notify Members by e-mail when a new Newsletter has been posted to the Website. To make the change, e-mail the Club at [data@dmwoodworkers.org](mailto:data@dmwoodworkers.org)

If you have extra tools you no longer use, consider donating them to Tools for Opportunity, an Iowa-based non-profit that is helping deserving woodworkers in El Salvador and Honduras make their businesses more profitable. To learn more or become involved, call 515-292-8154, visit [www.ToolsforOpportunity.org](http://www.ToolsforOpportunity.org), or email [coordinator@toolsforopportunity.org](mailto:coordinator@toolsforopportunity.org).

Anyone who knows of the passing of a Club Member is asked to notify a Board Member.



**Butch McClintic**

### Furniture Makers SIG News

*John Twedt, SIG Chair*

The March meeting of the Saturday Morning Furniture Makers Group featured the making of the Tine box, a Norwegian tradition. John Twedt, explained several stages for the production of the box essential for the successful assembly of a Tine box. Plans were handed out that could be copied and have life size patterns for the production of the box. Thanks to all who attended the presentation and for all of the questions.

The April meeting of the Saturday Morning Furniture Makers Group will focus of the use of the hand plane. Bring your hand plane to the meeting and we will try to answer questions concerning the use and tuning up of the hand plane. Please join us on the 13th of April at 9:30 at the Woodsmith Store. See you and your hand plane.

## March 2019 Meeting Notes

Gary Weeks, Secretary

### John Twedt



Meeting was called to order by President Chuck Haas. Librarian Eugene Harms reported that the library usage was increasing. Donations of books and magazines were always welcomed; however duplicates would be put out for members to take.

John Twedt reminded members that the furniture building SIG meeting is this Saturday. The topic will be a Norwegian Tine Box. There is still time to sign up for the spring classes. Please go to the website to see topics and times.

The program was presented by John Twedt on the different ways to bend wood. Some of the ways he demonstrated included: steamed wood bending, laminated glue bending, hot water wood soaked bending, bending moist wood around a hot pipe, and using an iron to adhere veneer to a curved shape. John also described his process for building the formworks for the different shapes.



John Twedt

Show and tell participants this month were Butch McClintic who shared his Step Stool. John Twedt showed the Norwegian tine box that will be the topic for the furniture building SIG meeting. Lynn Clark shared his shrine clowns display and Tom Whalley presented a turned bowl sliced on the bandsaw.





## News from the Education Committee

*Tom Brumback, Education Committee Chair*

On March 9, another one of our box building classes took place at Chuck Haas' shop. Instructor Phil Huber helped members construct a small keepsake box and tune their woodworking skills in the process. There is still time to sign up for classes this Spring: Hand Tool Basics-March 30 and April 6; Hand Tools-The Next Step-April 27, May 4; Sharpening Class-May 18.



**Phil Huber answers questions from Lee Nepple.**



**Stan Waterman cuts his box apart.**

### Name of Class: Hand Tool Basics - Build a Tool Tote

What you will do/learn: Hand tools are a fun way to enjoy building projects out of wood. This class walks you through some foundation skills: sawing, using chisels, measuring & marking, shaping, and drilling with hand-powered tools. Along the way, you'll make a tote that can hold some of your favorite tools. This class looks at how to effectively use chisels, hand saws, and hand planes for fine work and cutting simple joints. We'll also discuss how sharpening tools makes them more accurate, safer, and more fun to use. Along the way, we'll make a sweet small tool tote to use anytime you are out of your shop. With a mix of demonstration and hands-on learning, there's always time for questions and problem solving.

Maximum number of participants: 6-10

Skill level required: Beginner/Intermediate

What you will make: Small tool tote

Materials required: 1" x 10" – 48" construction lumber (or equivalent), 1"-dia. x 24" dowel. Tools to bring: chisels, a small hand saw, hand plane, compass, pencil, marking knife, marking gauge, and a combination square (tools will be available if you don't have some items).

Date: March 30 and April 6

Times: 9-11am

Location: Chuck Haas' Shop (175 S 9th, West Des Moines, unit #430).

### Name of Class: Hand Tools - The Next Step

What you will do/learn: For those who have taken the hand tool basics class, this next step tackles more involved joinery. Of course, we'll still center that around a great project. This time, it's a pair of light trestle sawhorses made popular by James Krenov. The focus of the class will be on sawing well, mortise & tenon joinery, and lap joints.

Maximum number of participants: 6-10

Skill level required: Beginner

What you will make: Saw Horses

Materials required: TBD

Date: April 27 and May 4

Times: 9-11AM

Location: Chuck Haas' Shop (175 S 9th, West Des Moines, unit #430).

Spring Class Schedule:  
Continued next page

**News from the Education Committee**

*Tom Brumback, Education Committee Chair*

Spring Class Schedule:  
Continued from page 6

**Name of Class: Get Sharp**

Come learn about the basics of sharpening edge tools like chisels and hand plane blades. Bring along a chisel to work through some of the steps on your own. With what you learn in this one-day class, you'll have a good understanding of what it takes to create a razor sharp edge.

Maximum number of participants: 6-10

Skill level required: Beginner

What you will make: Sharp tools

Date: May 18

Times: 9-11am

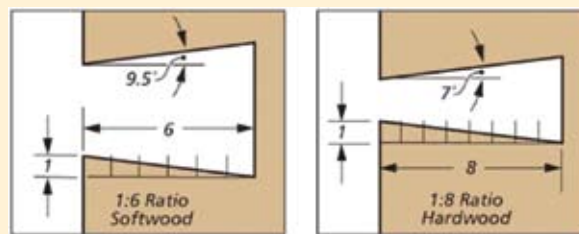
Location: Chuck Haas' Shop (175 S 9th, West Des Moines, unit #430).

**Tip of the Month – Dovetail Bit Details**

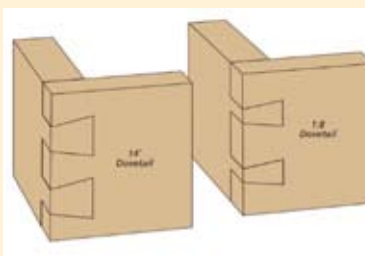


Selecting the right angle for a dovetail joint is an important concern. But when it comes to choosing router bits, chances are your jig will make that decision for you. The reason for this is the angle of the tails, which are cut by the dovetail bit, must match the template used to cut the pins for a perfect-fitting joint.

Traditionally, hand-cut dovetails were laid out using a ratio that defined a slope angle. That's because precision measuring tools weren't commonly available, but craftsmen could easily measure a slope to define the angles. The drawing shows how it works.



<b>Common hand-cut dovetail slope ratios and their corresponding angles</b>	<b>1:9 = 6.5°</b>
	<b>1:8 = 7°</b>
	<b>1:7 = 8°</b>
	<b>1:6 = 9.5°</b>



Things changed when dovetail jigs first arrived on the scene. The first dovetail jigs were limited to evenly spaced, half-blind dovetails with equally sized pins and tails. Many of these early jigs were designed to work with a 14° bit. This steeper angle certainly makes for a strong joint. But it also brands the joint as machine cut. As dovetail jigs became more sophisticated, companies like Leigh worked to create a way to vary the spacing of the pins and tails. But even with this innovation in dovetail jigs, the assembled dovetails still displayed the machine-cut look, just spaced differently. To give a more “handcut” look to the finished joint, at least one dovetail jig uses bits that more closely match the slope of handcut dovetails. Which is why you may find bits designated by slope ratio as well as angles.

Tip of the Month courtesy of August Home Publishing ([www.augusthome.com](http://www.augusthome.com)) - ©August Home Publishing Company. For a free E-tip like this one delivered to your email account each week, please go to [www.woodsmithtips.com](http://www.woodsmithtips.com).



## Time to Update Your Membership Information

*Brian Messenger, Data Manager*

Have you moved? Upgraded your tool inventory? Changed your email address? Want to get the newsletter by email and save the club a stamp? It might be time to update your contact information, and all you need to do is to send Brain an email at [data@dmwoodworkers.org](mailto:data@dmwoodworkers.org). Thanks for helping us stay in touch with you!



## Furniture Repair/Finishing SIG

*Ron Stookey, SIG Chair*

Ron is putting the Furniture Repair/Finishing SIG group meetings on hold for the time being. If there are questions about refinishing or repair, feel free to email Ron at [repairSIG@dmwoodworkers.org](mailto:repairSIG@dmwoodworkers.org)



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