Minnesota WoodTurners Association

A LOCAL CHAPTER OF THE AMERICAN ASSOCIATION OF WOODTURNERS

Tom Sciple
Peppermills
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Diane and Bob Puetz direct this program for the Minnesota Woodturners Association. Bob is checking out the CNC produced bowls donated by Roger Erickson.

Roger gives his latest bowls to Diane & Bob
Woodturning techniques of all types and skill levels are on display at the monthly exhibition of members’ turning efforts. Members of all levels of expertise are encouraged to bring pieces to share with others.
I couldn’t find a form with these pens. If you’ll claim them, I’ll put them in next month’s newsletter with your name.
Instant Gallery (cont’d)

Lee Tourtelotte – black ash burl

Lee Tourtelotte – cherry earrings with captured ball

Roger Erickson – CNC bowl “clip art”

Roger Erickson – CNC “spun” bowl
Paul Oare (left) and Hunter Koerner (right)– checking out the Instant Gallery
J. Stuckey – peach & ambrosia maple (back half removes for cleaning). Mike Rohrer bought this in 1998 and it inspired him to begin woodturning.

Mike Rohrer – bowl from a crotch area. Jim Jacobs thinks it is mesquite.
Instant Gallery (cont’d)

Steve Kingdon – ash & walnut *ala* Trent Bosch

George Wurtzel (former club member, blind woodturner). Lee Tourtelotte let George try his Sorby spiral tool – this is George’s first effort.

Roger Erickson – CNC spiral based candle holder
Ken Hallberg – segmented “bowl from a board”. Watco natural with Renaissance wax.

Before the Meeting

Tom Sciple relaxing before his demo. Greg Just admires the peppermills.

Pres. Lee Luebke and Mark Debe

Dick Hicks prepares the lathe for Tom’s demo

John Enstrom & Rob Grant

Al Feist, Pres. Lee Luebke & Jeff Luedloff setting up the Member Challenge

Vice Pres. Janese Evans & Jerry Hanscom
Before the Meeting (cont’d)

Paul Laes explaining a turning technique to Sandra Seidel

Dan Larson trying to explain how he broke his shoulder riding his motorcycle in Thailand to Jim Jacobs & Mark Kelliher

Dennis Johnson & Greg Just discussing segmenting DVDs in our library

John Enstrom & Don Schlais talking with Jeff Koltveit

Past & Current

Dale Johnson & Tom Kindom
Before the Meeting (cont’d)

New member, Julie Abbott, talking with Jeff Koltveit

Marty Leiding getting his coffee for the meeting

Deborah Mastro ready for the meeting to begin

Brad Chambers taking care of membership renewal

Dan Kelliher getting some good DVDs

New member, Antonio Lara, talking with Jeff Koltveit at Woodcraft Desk
Dan Larson brought a video he and his wife produced in 2018 of a turner in Marrakesh, Morocco, holding tools with his toes.

Ron Jacobson checking the Woodcraft display

John Enstrom & Mike Hunter

Getting ready for the meeting to begin

Demo materials ready for Tom Sciple’s program

Orphan donut?
• Mar 9, Bob Meyer. Exploring Natural Edge Bowls
• Mar 16, Linda Ferber. A Fresh Look at Box Making
• April 5, Keith Gotschall. Three Legged Stool
• April 6, Keith Gotschall. Three Legged Stool
• April 13, Jim Jacobs. The Skew. Morning and afternoon classes.
• April 20, Rick Auge. Sharpening

Check the Website *Quick Links* for details and signing up for all classes
Dan Larson encourages new turners to jump in and try a class or two. He encourages more seasoned turners to take a class to have some fun turning with a group.

- Also, we are always looking for Lead Instructors who have a specialty project they want to teach; please contact Dan and share your skills.
- In addition, if you don’t want to be “The Lead Teacher”, we would love it if you would volunteer as an assistant. There is no better way to increase your own skills than to teach someone else. So PLEASE VOLUNTEER.

Thanks, Dan Larson MWA- Class Coordinator
Announcements

WOOD SHAVINGS ONLY

It’s time for a reminder: for our shop classes we have a large waste bin that is marked on the top lid and on the sides. “Wood Shavings Only”. That’s exactly what it means. Our classes generate a lot of shavings and it’s always a challenge getting rid of it. MWA classes can generate up to 4 full 45 gallon yard bags a month.

Please be sure that the container has a large plastic trash bag inside then use it for only for wood shavings. When the bin is full take the bag out, set it aside and put a new bag in the container. Please DO NOT put anything but wood shavings in it. No garbage, sandpaper, paper products, plastic bags, raffle tickets, wood chunks etc. It’s for wood shavings only.

Here’s why. I bring the shavings home and scatter them in the woods around the house and on a school pathway that goes through the woods. In summer the shavings are dumped on the edge of the woods and dispersed into the woods via leaf blower. In the winter it’s spread using a snow thrower. In the summer wood chunks aren’t a problem. In the winter hidden wood chunks are really hard on the snow thrower and shear pins.

Please help me out by following the Wood Shavings Only guidelines.

Thanks. Rick Auge, Past President
Linda Ferber, AAW Representative, announced:
• The AAW Annual Symposium will be in Raleigh, NC July 11-14. There is a chapter discount if a certain number of members from MWA sign up as a group

•2 woodworking shows are coming up
  -American Craft Show at Rivercenter, April 5-7
  Deadline for entries is April 4th. Entry fee is $60
Announcements (cont’d)

From the Des Moines Woodturners

World renowned woodturner
Cindy Drozda
coming to Des Moines!!

All day seminar
Saturday May 4, 2019, 9:30-4:00

Hands-on workshops
Sunday May 5, 2019, 8:30 - 5:00
Monday May 6, 2019, 8:30 - 5:00
Tuesday May 7, 2019, 8:30 - 5:00*
(* Subject to having min of seven students)

Register early. Limited space available

Registration questions? Call/Text - 515-991-8111 or
E-Mail dmwoodturners@gmail.com

Check made to: Des Moines Woodturners
Mail completed Registration Form and check to:
Dick Meuler, Des Moines Woodturners,
10050 NE University Ave., Runnells, IA 50237

Examples of Cindy’s work using techniques she’ll demonstrate
March Demonstration

Tom Sciple

Turning a 10” Peppermill
Add a gourmet touch to every kitchen
Peppermills are somewhat of a challenge to most turners. If you take the time to understand how they are produced, they can be fun and can add a gourmet touch to every kitchen. These instructions are based on using Woodcraft’s or Packard’s Deluxe Stainless Steel mechanisms.
The above mechanisms come in various lengths ranging from 4” up to 24”. This type mechanism was also recommended by my friend, Pinky Martin, for whose assistance I am very grateful. Back in the late 90’s at the age of 90, Pinky’s peppermills sold to the likes of Oprah Winfrey, Rachel Ray, and Martha Stewart for about $500 and he had a 3-year backlog.

He had a 24”x 36” One Way Lathe and the only thing he turned was 3” peppermills. My first woodturning teaching was 6” peppermills at Woodcraft in Mobile, Alabama.
The wood used must be dry and I prefer to purchase or obtain a 12” long by 3” square piece. If you are ordering exotic woods that are covered in wax – these are not dry!! Remove the wax, wrap in paper and let sit for another 6 to 12 months.

After the blank is DRY then mark and center punch both ends (Slides 1 & 2).
Turn the square to round using a spindle roughing gouge (Slide 3). I then cut 1-3/8” off one end of the base either on the band saw or lathe. The band saw is the safest. We will return to the base later.

Remark the center point on the end that was just cut off for the base, and remount the cylinder on the lathe. Check to be sure that it is centered and also check to see if it is still round (Slide 4). If necessary, use the roughing gouge again.
Place a tenon on both ends ¼” wide by at least 3/8” deep (Slides 5 & 6). You want a good hold with your chuck.
From the top measure back 2 ¼” back and mark with a pencil (Slides 7 & 8).
On each side of this mark using a parting tool cut a tenon ¼” by 3/8” deep (Slides 9, 10 & 11).
Then, I take a 1/16” parting tool and cut a little deeper down the center of these two tenons (Slide 12).

I then use a band saw to cut the top off the peppermill (Slides 13 & 13a) This is safer than cutting all the way through with the thin parting tool.
I like to remark the center point on the two ends just cut with the band saw (Slide 14). Remount the base of the peppermill with the bottom facing the live center and the top end in a chuck and be sure to check that it is centered (Slide 15). Now it is time to start drilling. If drilling is not done in a certain sequence you will have problems; believe me I know.
The first hole to be drilled in the bottom of the peppermill is with a 1-5/8” short-shank Forstner bit (Slide 16). I cut this hole ¼” deeper than the bit (Slide 17). Then change the bit to a 1-1/16” long-shank Forstner bit (Slide 18). Drill slowly and remove the bit frequently to prevent heat from building up and the bit becoming jammed.
Continue drilling until half-way through (Slide 18a). Remount the blank with the base in the chuck and center using the live center. Tighten the chucks very tight on the base.

Then back off the live center and reattach the 1-1/16” drill bit (Slide 19) and continue drilling through the base slowly. Remove the base and, using your knock out bar, clear the base of the peppermill (Slide 19a). Set the base aside and now we will start on the top.
Remount the base of the top in your chuck, using the live center to make sure it is centered. Although the hole in the top of the grinder is recommended to be \( \frac{1}{4} \)", I find that a 7mm hole works better for me and we all have 7mm bits from turning pens (Slide 20). With the 7mm bit, slowly drill at least half-way through the top carefully removing the bit several times to remove wood from the bit (Slide 21).
Reverse the top (Slide 22) and with a 1-1/4” Forstner bit, drill a ¾” deep hole in the base of the top (Slide 23). I prefer to use a dowel again so that I can match the grain.
Using a 1-1/4” by 1-3/4” long oak dowel and a little super glue (Slide 24 & 24a) drive the short dowel into the hole just drilled using the drill chuck and tail stock (Slide 25 & 25a).
Then use a 7/8” Forstner bit and drill a 1/16” deep hole into the bottom of the dowel (Slide 26). Since the peppermill drive plate is a little larger (about 15/16”), I carefully widen the hole so that the drive plate will fit tightly (Slide 27).
This will ensure that the shaft of the peppermill is centered (Slide 28). Only one more hole to drill. Remount the 7mm bit and drill the dowel and top all the way through (Slide 29).
While the top is still in the chuck, start reducing the dowel to fit inside the 1-1/16” hole in the peppermill (Slides 30 & 31)
There are several methods to produce peppermills and the one described and shown in the pictures is only my personal method. Shaping of the peppermill is again a personal preference. I have made all sizes from 6” to 24”, and different shapes, settling on an hourglass shape. You can be your own designer! Once shaped to your preference, sand and finish. Assemble per mill instructions.
I have also added several touches or enhancements recommended by my wife. The most prevalent being the base to keep the salt and pepper off the table as seen on the cover page of the newsletter. One of the other enhancements is adding a black mark around the top of the peppermill, so that when you have a set of Salt and Pepper Mills, you can tell which the peppermill is without picking it up and looking at the top or bottom.
Tom Sciple provided all of the text and the pictures before the meeting at which he did his excellent demonstration. We thank Tom for making this monthly Demo, truly a class with enough details that we all can use it to get into the business of PEPPERMILLS.

Mike Rohrer, Editor
Member Challenge (Anything With a Handle)

Stacy Battles submits her entry to Jeff Luedloff and Al Feist

Ken Gustafson, Ken Hallberg, Todd Williams and Roger Erickson voting for their favorites
Member Challenge (Beginner/Intermediate)

Anything With a Handle

Ken Gustafson
1st Place

Don Schlais
2nd Place

Danny Judd
3rd Place
Member Challenge (Beginner/Intermediate cont’d)

Stacy Battles
4th Place

Mike Rohrer
5th Place

James Robertson
6th Place
Member Challenge (Advanced)

Anything With a Handle

Ken Hallberg  
1st Place

George Wurtzel (Lee Tourtelotte accepting)  
2nd Place
Lee Tourtelotte
3rd Place

Linda Ferber
4th Place

Jim Jacobs
5th Place

Member Challenge (Advanced cont’d)
Member Challenges for 2019 (Apr-May)

- April – Peppermill or Salt & Pepper Shaker sets
- May – Spheres
Welcome New Members!

Ken Crea announces new members and gives an update on the MWA membership. We gained 8 new members; 22 did not renew membership; we currently have 293 members.

Julie Abbot
Eden Prairie

Hunter Koerner
St Paul

Ronald Soleta
Plymouth

Austin Lux
Blaine

Jason Adam
Hudson

Mark Roussin
Oak Grove

Clay Tweedy
Mound

Antonio Lara
Inver Grove

Timothy Kellogg
Roberts

Dave Roselius
Minneapolis
Next Meeting

April 6, 2019 - Saturday morning 9:30 am
(Arrive early for Member Challenge Voting, Instant Gallery, Raffle Tickets, Beads of Courage, Woodcraft Display, Library, Coffee, Membership issues, Donuts and Fellowship)

Location: Houck Machine Co.
12811 16th Ave N Plymouth MN 55441

Demonstration:
Steve McLoon:
Spheres and Embellishments

Member Challenge:
Peppermills
Bob Meyer, assisted by Tom Sciple & Greg Just, taught a class on “Introduction to the Lathe” on Saturday, Feb. 9
Introduction to the Lathe

Bob and the entire class

Bob going over lathe basics
Introduction to the Lathe

Adjusting the drive belts to change the range of speeds

Bob turning a spindle
Introduction to the Lathe

Success!
Wormy Butternut
with Copper &
African Blackwood
By Dan Ernst

Dan started the
piece in class &
finished it at home
TURNING TIPS*

Natural Edge Bowl Tip

A natural edge bowl is mounted on the lathe so that the bark of the tree forms the top edge of the bowl. This bark edge can be fragile because the bark is not as structurally sound as the bowl itself and the edges are not uniform so they can be accidently broken off. The bark edge can also be damaged when sanding the bowl because it is softer than the wood adjacent to it.

I picked up a tip from Franck Johannesen, founder of the Sarasota Woodturners. He uses CA glue to firm up the bark. He demonstrated how to use an oral swab, soaked liberally with CA glue to roll around the bark edge to apply the glue to the bark.
If you are careful, the CA can be applied without making a mess of the edge between the bark and the top of the bowl. Apply the CA on the outside of the bowl before turning out the inside, then add the CA to the inside bark once the final inside cut is made. The oral swabs can be bought at Walgreens for 15 cents each, or on the internet you can get 100 swabs for $15. Be sure to buy the mostly round swabs, not the square ones that would not work as well for rolling along the bark edge.

Warren Gerber
Ask a Turner*

From February Newsletter:
When turning bowls I prefer to mount the bowl blank with a worm screw in my Oneway Stronghold chuck. My question is mounting the bowl in the reverse to do the inside of the bowl. I don’t want to use a faceplate so I think there are 3 main choices, a turned tenon, a glued-on block and a recess to fit the expansion chuck. Is any one of these significantly better than the others? What are the “pros and cons” for each of these?
Beginning/Intermediate Turner

All the suggestions in the question are valid methods of holding the bowl blank. David Ellsworth discusses these methods in his book “Ellsworth on Woodturning”, Fox Chapel Publishing, 2008. Lyle Jamieson also discusses these methods in his books and YouTube videos. Jamieson prefers not to use a chuck, but to use a faceplate and glue block.

Glue block and turned tenon: If not using a faceplate, these are really the same, since the glue block is just a way to add enough material to make a tenon without having to turn away the original wood blank. However, I have found that if you plan to include a foot on the bowl, the tenon can be incorporated into the final foot, so you don’t lose much of the bowl material. And the tenon does not have to be very long. Remember, the “work” of the tenon and chuck jaws is done almost entirely by the contact between the jaws and the shoulder of the wood.  (continued on next page)
Within reason, the shorter the tenon the better. Also, the larger diameter tenon the better. When using an added glue block, be aware of flexibility in the glue. You don’t want any! Jamieson uses only CA glue is such cases, since it is very hard and rigid when cured. But some people in YouTube videos use hot melt glue, which is usually somewhat flexible. I would not recommend that for large pieces.

Recess with expansion jaws: I use this method mostly for platters. The main advantage of this method is that, with care in turning and finishing, the recess can be left in the final piece. Again, a foot in the final bowl can be accommodated in the design of the recess and its surround. Another advantage of this method is that the diameter of the contact area between jaws and wood can be larger than with compression on a tenon, since in expansion you are using the outside of the jaws. This might make a difference with a large diameter piece. A disadvantage of this expansion method is the risk of splitting the wood around the recess.

Todd Williams
March Question:

I’m a new turner and a new member of MWA. I do not have a lathe yet, but I am very eager to get one. My problem is deciding what to get. The prices increase greatly from the “midi” size lathes to the big ones. Also, I will not have a huge shop. I have a room in the basement for the shop that is about 13’ x 14’. If I didn’t get a big one (say the equivalent of the club’s Powermatic) would I always be somewhat disappointed and wish I had taken the big step and gotten a real, full-size lathe with all the bells and whistles along with the ability to turn virtually anything I would want to in my turning career?

Should I start smaller and then go bigger? Cost is definitely a consideration but I do not want it to be the deciding factor if I really should get a “full size” lathe. I know they all have their good and bad points.

(continued on next page)
March Question (cont’d):

• How powerful a motor is necessary?
• What kind or electrical service will I need?
• What should I consider if I look at used lathes?
• Can an old lathe be upgraded with things like a more powerful motor, reversing, rpm readout, variable speed controls?

I am sure that, like with all major tools, there are many different features on all lathes. What are the features that I should not do without no matter what lathe I get, and what are the “bells and whistles” features that will make my turning hobby a real pleasure? Are there a few manufacturers that just stand out above the rest?

Latheless Woodturner
Ask a Turner*

TURNING TIPS*

*These are new features of the MWA Newsletter. All members are encouraged to contact Editor Mike Rohrer (mdrprof@gmail.com) with an answer to the “Ask a Turner” question, with a question to publish in next month’s newsletter or with a “Turning Tip.”
• **HAMBURGER CLUB**

We generally meet the Thursday of the 2\(^{nd}\) week following the club meetings. Our March meeting will be Thursday, March 14. We meet at 11:30 am with lunch to be ordered about 11:45 am. No topics ... just an open dialogue of woodturning friends.

50's Grill, 5524 Brooklyn Blvd, Brooklyn Center

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Any member who would like to be included on the mailing list please send an email to **MLH55410@aol.com**.
There was not a February meeting. Check website for details on the March meeting.

The usual meeting place is **10501 Belmont Rd, Minnetonka**.

To be added to the contact list, call Steve Mages **952-544-5286** or email him **smages@juno.com**.
Lake Johanna Sub Group
The newest sub group, organized by Gordon Fay, meets in an informal setting in Arden Hills at 3355 Lake Johanna Blvd, Arden Hills MN the big white house on the corner of Stowe (enter from Stowe Ave).
The March meeting is Tuesday, March 19
Contact Gordon at fayboy2@comcast.net to be added to the announcement list

At the February meeting we reviewed the presentation at the monthly meeting on segmented turning by Curt Theobald. A small amount of segment pieces got glued up. We will meet Tues., Mar 19. Plans are to go over segmenting and making slats for an urn.

Gordon Fay, Mark Fay, Andrew Chandler, Dave Carlson, & Jerry Hanscom attended the Feb. meeting
SE Metro Sub Group

February meeting was hosted again by Charlie Prokop. Charlie also demonstrated his newest lathe accessory. Various topics kept the group entertained through the morning.

February 22nd attendees included: Glen Anderson, Bob Boettcher, Bill Campbell, Dan Ernst, Jim Jacobs, Mike Lucido, Steve Miller, Charlie Prokop, Jay Schulz, Dick Zawacki
Left – Charlie showed off his newest lathe accessory, a Ring Master. The tool bolts to the bed of the lathe and a blank is mounted in the head stock.

Right – Opposing knifes are ‘dialed in’ from each side at a prescribed angle. His first cut removes waste from a square blank. Additional rings are cut by advancing the jig & repeating the cut.

Below left - Segmented bowls on right and left of photo were made by offsetting the Ring Master rings cut from blanks identical to the two in the middle of the bowls.

Right - Charlie describes the process for fabricating the segmented bowl blank using the Ring Master rings and how to use his home made jig in order to sequentially glue up rings. The jig near his right hand (with two rings around a threaded rod) is used to glue adjacent rings. Then even pressure is applied with an additional plywood board screwed down from the top with a wingnut.
Bill shows Mike his burl bowls - Nice turning

Charlie seeking advice from Dan and group for the base of his bowl ... keep the kerf, add a cove or a bead ... many choices.

Mike and his winged bowl, no longer a funnel, it has a new bottom. Looking good!

Left- Dan Ernst plays ... “Guess that wood”.
Right- The rest of the gang gets into the game. Perhaps hickory, maybe ash.
Left - Jim discusses layout before cutting maple and walnut staves for a segmented lefse rolling pin. Right – Showing the process for cutting the staves on a couple of example boards after glue-up of the maple/walnut blanks.

Left – Jim’s lefse rolling pins and handles
Right – Jim’s product of choice & advice for dealing with those pesky dry skin cracks that form at the end of your fingers during the winter months

Thanks to Jay Schulz for producing the SE Metro report
It's time for our March SE Metro sub group meeting…
here's the scoop!

When: Friday Mar 22nd 10am -3pm (Lunch break from 12-1)
Where: Dave Olson's  2465 E 73rd St  Inver Grove Heights
Lunch: We will be driving to a nearby pizza buffet for lunch
break... bring $$

Agenda: Informal...Dave will have 2 Lathes available for use.
He also has a Carter hollowing system which will be set up to try.
Bring: Safety glasses..show-and-tell pieces..wood to give
away, questions..problems..ideas..tools if you
want to turn.
This meeting will be limited to the 1st 10 members who contact
me to prevent overcrowding in the shop.

Please RSVP to Jim if you plan on attending at
Woodmanmn@aol.com
This is the collected assortment of turnings that we are soon sending to George Wurtzel for his Greeneville, TN gift shop grand opening next month. These are top quality turnings, generously donated by John Haug, Dan Larson, Tom Sciple, Jim Jacobs, Mike Rohrer and Lee Tourtelotte. If any other club members have additional “excess” turnings they would like to gift to help kickstart George’s new gift shop, contact either Lee Tourtelotte, Jim Jacobs or Mike Rohrer.
AV Volunteers

We are looking for 2 or 3 people to become part of the MWA-AV Team. We are looking to expand our staff so we have more members who are trained in the operation of the soundboard and the cameras to help with the monthly meetings. The only qualifications are that you normally attend most meetings and are willing to run the soundboard or the camera at some of the meetings.

If you are interested please contact either Richard Hicks or Dan Larson at the next meeting. Thanks.
Member Mini-Class

This is a feature I would like to expand and continue in future newsletters. Many of us have something to offer fellow MWA members but do not feel comfortable getting up in front to do a formal demo. I did a Mini-Class on an Emerging Bowl From a Log a few months ago. Danny Judd did an excellent Mini-Class for the December issue. Mike Hunter has solicited several digital demos from demonstrators and I will be using those also but would prefer using ones from our members.

If you will provide text and pictures, I will put it in PowerPoint and PhotoShop the images so we can learn from each other in the newsletter.

   Mike Rohrer, Editor
• Please also consider a QUESTION or an ANSWER to the new feature, **ASK A TURNER**

• All of us at our various levels of expertise have come across or developed our own “save time and trouble” methods. Please send me your tips to the new feature, **Tips for Turners**

I count on the MWA members for comments and suggestions

*Mike Rohrer, Editor mdrprof@gmail.com*