

Turning Times

THE OFFICIAL NEWSLETTER OF THE CASCADE WOODTURNERS

MAY 2017

Please make sure that all content for the next newsletter reaches me by the 31st of May! turningwood@bendbroadband.com Thanks!

NEXT MEETING: 6:45PM, THURSDAY, MAY 18th AT WILLAMETTE CARPENTERS TRAINING CENTER

Cascade Woodturners will be meeting at

WILLAMETTE CARPENTERS TRAINING CENTER

4222 NE 158TH Ave, Portland, OR 97230-4906

(For a map, click here <http://mapq.st/1o8wBN0>)

Use the South door in the middle of the side parking lot

CWA Presidents Message for May 2017

I'm writing this the morning my wife and I are leaving to vacation in Arizona. We scheduled the trip some time back, when the weather was wet, cold and gray and the thought of good weather was compelling. Of course, since we are leaving today the weather outside is simply gorgeous. The flowers are blooming, the greens are intense, and the air is cool and crisp. Enjoy it while we are gone. It's almost certain to turn wet, cold and gray again when we get back.

THE MAY CHALLENGE:

Lane Phillips, our April demonstrator from Utah, was fascinated by all the spalted wood he could find just lying around. He wrote his master's thesis on spalted wood. He borrowed my chainsaw and filled his luggage. Lane demonstrated inset rings and turning feet at his hands-on workshop, and the May challenge is a turning with an inset ring, or feet, or both.

AAW HALF PRICE OFFER:

The AAW is continuing its half-price offer for new members. If you haven't ever joined AAW, please consider taking advantage of this. If you are a member, you can access all past American

Woodturner magazines and a bunch of other publications. If you like reading about turning and looking at pictures of turned objects there is nothing better.

THE MAY DEMONSTRATION:

Howard Borer, one of the founding members of Cascade Woodturners, our Treasurer and an excellent teacher, will be demonstrating how to make this kind of turning, which requires hollowing, branding and coloring, :



Howard was my first woodturning teacher, and he did such a good job I took his eight-week class three times in a row. He has a wonderful way of explaining things.

Howard displayed several of this type of turning at the Oregon Woodturning Symposium. The turnings were grouped together on a table in the instant gallery. They were different than pretty much everything else at the instant gallery, and they practically glowed.



THE JUNE MEETING:

The June meeting will feature club members showing nifty tricks and gizmos that don't cost a bunch of money and make it easier or more fun to turn. If you use something like that in your shop, please email **Jerry Klug** so we can include you and it in the program. Two years ago this was a great success with many members showing their interesting and sometimes surprising ideas. **If Jerry does not received enough commitments of showing gizmos, tips and Ahaas then he has promised to harass members until they submit.**

THE JUNE CHALLENGE:

The June challenge stems from Howard Borer's May demonstration; please bring a turning that is burned and colored.

WEBSITE IDEAS:

If you have things you think should be added to the website, or things you would like to see changed, please email me at HarveyRogers@Gmail.com. I'm just learning how to use the software, and I can't promise to give you everything you ask for, but I would like to make the website more useful to our members.

Please let me know if you have opportunities that you would like to have listed on our website. You can reach me at HarveyRogers@Gmail.com

VICE PRESIDENT'S SOAPBOX

VP voice – The Benefit of a Well Made Tenon

Have you ever made a tenon for a scroll chuck only to reverse your bowl and discover it doesn't turn true? If you understand what shape and dimensions are required for a tenon to fit the jaws of your chuck the most securely, and then make the tenon accurately, your bowl will turn truer and reduce the time required to retrue it.

Most of my experience is with Dovetail jaws. I believe they pull the jaws tight against the base of the tenon as they are tightened around the tenon, which creates the best potential for a true fit. Profile jaws clamp straight in against the tenon compressing the wood with the fins of the jaws and are less likely to clamp with as much accuracy.

The inside of dovetail jaws, the clamping part, is smaller in diameter around the base of the tenon and larger in diameter around the end of the tenon. When the tenon is properly formed, the larger diameter of the end of the tenon will not pass through the jaws, holding the work securely in the jaws of the chuck.

It is best, when possible, to make the tenon the appropriate diameter to fit the jaws when the chuck is scrolled in nearly all the way. Scroll chuck jaws are manufactured in a completely circular form and then cut into four separate jaws that slide toward the center of the chuck as they tighten around the tenon. Vicmarc jaws form a perfect circle when there is a 2mm gap between adjacent jaws to allow for the kerf of the saw blade that was used to cut them into four jaws. When cutting a recess in a bowl blank for the outside of dovetail jaws to expand into, make the recess just larger than the jaws when they are completely closed. When the jaws are expanded beyond a true circular form, they will still hold, but your work is more likely to turn true when the jaws make contact completely around the tenon.



This tenon (the bowl has been finished and removed) was a very good fit for these dovetail shark jaws. When the bowl was reversed, it ran perfectly true.

The shape of the tenon must allow the leading edge of the jaws to make secure contact as they clamp onto the tenon or as they expand into a recess. If the angle of the tenon is equal to or slightly greater than the angle of the jaws, the leading edge of the jaws will make contact first, providing most of the clamping force. The base of the tenon should be either 90 degrees to the spindle or angled slightly away from the jaws toward the tenon allowing the jaws to slide across the outside of the base as they clamp onto it. The base of the tenon should be no wider than the leading surface of the jaws so, as they clamp onto the tenon, they do not lose contact with the tenon base.



With just over a 2mm gap, the jaws made contact completely around the tenon. Notice the ridge at the base of the jaws in the previous photo is quite uniform from even pressure around the tenon.

Tenons can be cut with many different tools. I normally shape the tenon with a scraper ground to the angle of the Dove Tail jaws and then I refine the tenon with a very sharp detail gouge with a convex bevel. This process will eliminate any possibility of torn fibers and will increase the potential for accurate reverse mounting. Sometimes I use a skew on the tenon of spindle work. It cuts a very clean tenon and I can cut the appropriate angle by rotating and/or raising the tool handle. After making a few tenons for dovetail jaws, the correct angle becomes quite familiar and easy to shape with a skew.

Remember, a poorly made tenon is not only less likely to run true, but it is also more likely to come off of the lathe. Be conscious of your tenons and be safe.

If, after reading my voice, anyone is left scratching their head, please talk to me about it. I'm always happy to discuss any aspect of woodturning you like. Or we may end up scratching our heads together.

Jim Piper
jimpiper@me.com 503-730-0073
V.P. Cascade Woodturners

DALE'S CORNER

Open shop on April 29th was a success with about 12 turners here, including one very new turner. Open shop for May will be Saturday May 27th starting about 9am.

Dale

AAW NEWS

Kansas City Symposium

For the next two months, our focus is on the AAW Symposium. This year, we'll be in Kansas City, MO <http://www.woodturner.org/?page=2017KC>. The dates are June 22-25. Don't miss this if you can go! We have an exceptional line-up of demonstrators and panelists. All the major woodturning vendors will be there and we're expecting about 1,000 pieces to be entered in the Instant Gallery.

Planning is well underway for the 2018 symposium in Portland. Dale Larson will be the local lead and several of you have graciously agreed to serve as committee leads – thank you. I know that at least three of you are planning to go to KC to shadow this year's local leads.

50% Membership Incentive

The 50% membership incentive will continue until June 30th. So far, we've had 6 Cascade members take advantage of this. I urge you to talk to club members who are not currently AAW members and tell them what AAW means to you.

This is a special offer available only to current chapter members who have never been AAW members. Your first year's full membership includes the printed version of the *American Woodturner Journal*, full member access to the web site, and member rates to the symposium. The 50% rate is \$30 for the first year. Because this is available only to chapter members, you'll need to use this special URL <http://tiny.cc/AAWNewGen> or contact the AAW home office at: 651-484-9094 or toll free US 877-595-9094. The offer extends until June 30th.

According to AAW records, about 55% of our 157 Cascade members are also AAW members. Let's see if we can get that number up!

As always – if you'd like more information or have questions about the AAW, please contact me.

Kathleen
woodspinner@gmail.com

SAFETY FIRST

This month's safety article is short, and it makes two points:

1. Face protection.

Wood can come flying off your lathe. The force with which the wood flies through the air increases with the diameter of the turning blank, the speed at which it is rotating, and the weight of the blank. Skinny pieces of dry, soft wood turning slowly on the lathe present much less risk than giant blanks of wet hard wood.

Liquids on or in your turning blank can spin off the blank and into your face. My once-lovely, bright blue AAW smock has an ugly, dark brown stain running from my crotch to my collar that came from moisture in wet oak and walnut blanks.

The water in the blanks also coated my face shield, which I have to clean repeatedly when I'm turning wet wood.

Water in blanks is just unpleasant when it hits you in the face. Finishes, especially solvent-based finishes are worse, and CA glue is awful. The force with which liquids come off a turning blank increases with the speed of the lathe and the diameter of the blank.

Here's a video of a fellow turning a relatively small blank. It is instructive: https://www.youtube.com/watch?v=X21B_ViwsL0

Make sure your blank is tightly held by your chuck, that you stay out of the line of fire, and that you wear face protection!

2. Dust protection.

Molly Winton, who is on the AAW board, who demonstrated and did workshops for Cascade, who has developed an instantly recognizable personal style for her turnings and embellishments, and whose work, IMHO, is inspiring and delightful, is having to reduce her turning and burning a whole lot as a result of overexposure to wood dust and smoke. It's likely she would not have to cut back so much now if she had used more protection much earlier.

Sensitization to fine dust and smoke can occur very slowly, and you may not notice it until it is too late. If you enjoy woodturning and you want to keep doing it, start doing what you can now to keep smoke and fine dust from entering your lungs.

There are lots of relatively inexpensive products that will help reduce your exposure; good quality dust masks, decent face shields that can be worn with dust masks, and a fan to keep smoke away from you, all probably cost less than a single visit to the doctor.

Have fun turning, but *do it safely!*

If you have questions about turning safety or comments on this article please send them to me at HarveyRogers@gmail.com. I will research questions and let you know what I find out.

Harvey Rogers

TODAY'S HEALTH TIP

With our increasing electronic usage, we are often effecting our sleep quality. The sleep specialists point out that blue light like we are exposed to with TV, computers, smart phones and tablets limit our production of melatonin. With less melatonin, sleep suffers and our general health is at risk. One way to help yourself is to turn off all electronic screens an hour before you fall asleep to assist normal circadian rhythms. I have found an enjoyable way to maximize the use of that hour. I re-read my past issues of American Woodturner, Woodturning design and Woodturning. Some are old enough that I barely remember the articles. By the time that hour has passed, I am ready to enjoy slumber with thoughts of the turning articles fresh in my mind.

Jerry Klug

MEETING SCHEDULE 2017

DATE	DEMONSTRATOR	CHALLENGE
MAY 18	Howard Borer	Turning with rim of different wood
JUN 15	Gizmos, Tips & Ahaas	Burnt and/or colored turning
JUL 20	Michael Mocho	
AUG 17	TBAL	
SEPT 21	Sally Ault	
OCT 19	Auction	
NOV 16	TBAL	
DEC	No Meeting	<i>Merry Christmas</i>

SYMPOSIUM SCHEDULE

There is something planned for every month that may match your travel plans:

- [Utah Woodturning Symposium 2017, Orem UT May 11th-13th, 2017](#)
- [AAW 31st International Symposium, Kansas City, MO June 22nd-25th, 2017](#)
- [18th Annual Rocky Mountain Woodturning Symposium, Larimer, CO Sept 15th-17th](#)

If you hear of an interesting symposium, e-mail Jerry Klug to add it to the list.

CWT MENTORS

Cascade Wood Turners has a mentoring program and the member turners providing assistance were listed in the “Resources” section of the club’s web page. These members were available for you to contact if you need help in different areas of woodturning. The list did not get transferred with the recent upgrade of the web site. *If you would like to be a mentor yourself and be contacted with woodturning related questions e-mail turningwood@bendbroadband.com and I will forward your name and subjects you would like to mentor onto Harvey for a new “MENTORS” listing on the club website.*

COMPANY STORE

If a number of members want a certain item, we could be low on it. Please contact Bill Karow, (503) 490-0325 bill.karow@mac.com a week ahead of the meeting so he could verify it is not out of stock and set it aside for you.

Company Store Item	Price
Accelerator (for Cyanoacrylate adhesives/CA), sprayer, 8 oz	\$7.00 each
Anchor Seal, one gallon	\$14.00 each
Cyanoacrylate adhesives/CA Thin, Medium & Thick, 2oz bottles	\$5.75 each bottle
Sandpaper – Finkat (for dry sanding)	\$0.75 each sheet
Sandpaper, Klingspor alum/oxide w/heavy cotton cloth backing suitable for wet sanding (80, 100, 120, 180, 220, 320 & 400 grits)	\$1.25 each sheet
Walnut Oil - filtered, 16 oz	\$4.00 each

There are still a few chem-proof spray bottles available

DEMOS - CLASSES – SEMINARS

Multnomah Arts Center: Multnomah Arts Center in SW Portland continues to have woodturning classes. Check their catalog or phone 503 823 2787. You can google their website for the catalog. Jerry Harris and Russ Coker are again teaching woodturning at "Multnomah Arts Center". If you are interested, please contact Multnomah Arts Center at 503 823 2787. The cost is very reasonable and all tools, wood and equipment is provided.

Private Turning Classes: Anyone interested in 1-on-1 lessons in my shop in eastern Damascus should feel free to contact me: My cell-phone number is 503 901 3401 and email is "howardborer@yahoo.com".

Rockler Woodworking 503-672-7266, www.rockler.com

- Beginning Turning by Dave Gray, \$45 (includes all materials), Sun. May 14th 8:00-11:00
- Pen Turning Demo, May 20th 11:00 AM
- Pen Turning by Jim Green, \$45 (includes all materials), Sun May 21st 8:00-11:00
- Beginning Bowl Turning by Dave Gray, \$45 (includes all materials), Sun. May 28th 8:00-11:00

Woodcraft 503-684-1428, www.woodcraft.com

- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, May 13th 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun May 14th 10:00-4:00
- Winged Bowl by Tim Kluge, \$150, Sat, May 27th 10:00-4:00
- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, June 10th 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun June 11th 10:00-4:00
- Turn A Lidded Box by Tim Kluge, \$150, Sat June 24th 10:00-4:00
- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, July 18th 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun July 9th 10:00-4:00

Turning Times

- Winged Bowl by Tim Kluge, \$150, Sat, July 22nd 10:00-4:00
- Turn A Lidded Box by Tim Kluge, \$150, Sat July 29th 10:00-4:00
- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, Aug 12th 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun Aug 13th 10:00-4:00

Woodcrafters 503-231-0226, 212 NE 6th Ave, Portland, www.woodcrafters.us

- Woodturning Demo by Fred Kline, Sat May 27th

CLASSIFIEDS

To place or continue an ad, contact Jerry Klug at turningwood@bendbroadband.com. Your ads will be in the next newsletter after receiving your ad. Let us know if you want your ad for more than one month.

WANTED: Filters for Triton powered face shield (no longer available from USA suppliers). Help in determining useable filter material from another source would be a great help. Ken Kirkman kenpegkirkman@gmail.com 360-687-9866



WANTED: Looking for a 6" jointer to buy. Contact Mike Larson 503-616-5538

FOR SALE: I'm not turning big wood anymore so I'm looking for someone that has a Nova lathe and wants a custom base. I had this base built to allow for heavy work in the standard direction but then in addition be able to do the same with a larger swing with the head rotated 180 degrees. There's a vacuum port plus compressor lines for vessel clean out. My McNaughton center saver, Woodcut hollow form tools and a shop built three wheel center support go along with some wood that remains. John Wirth 360-213-9191.

FOR SALE: New 5 piece Crown Sheffield HSS turning tool set, Sheffield steel at lower than Chinese steel price, Wolverine sharpening jig and an 8" slow speed grinder still in the box. Just what

you need for clean cuts. Call Jerry (541) 550-6299



FOR SALE: Over 18 tons of interesting turning wood logs and chunks in Vancouver; Apricot Avocado Black locust Black walnut Blue spruce Bottle brush Camphor (Calif. Bay Laurel?) Carob Cherry Elm English laurel English walnut Juniper Liquid amber Magnolia Maple (big leaf) Maple (hard) Norway maple Ornamental mulberry Pacific dogwood Pepper tree Plum Silver maple White oak Yellow poplar Tim also has dried boards and blanks for turning of; Mahogany, Olive, Chestnut, Redwood, Walnut, Maple, Oak, Purple heart and more. Tim also has some rocks and fossils for accents. View an interview of Tim at <http://youtu.be/d51wpml80f4> Prices are about half of retail (i.e. Cook Woods or Craft Supply). Contact Tim at wtsmall@comcast.net 360-989-7721.

CASCADE WOODTURNERS OFFICERS AND CONTACTS

President	Harvey Rogers	(646) 660 3669	harveyrogers@gmail.com
Vice President	Jim Piper	(503) 730-0073	jimpiper@me.com
Treasurer	Howard Borer	(503) 658-3409	howardborer@yahoo.com
Secretary	Bill Herrold	(503)-490-0325	billtrade@me.com
Safety Officer	Harvey Rogers	(646) 660 3669	harveyrogers@gmail.com
Member at large	David Williams	(503) 997-2541	dwilliams97007@yahoo.com
Member at large	Marc Vickery	(503)-275-5207	halepaumarc@gmail.com
Video Librarian	Geraldine Clark	(503) 978-1973	clark7291@comcast.net
Book Librarian	Mike Worthington	(503) 640-0373	mikedw47@comcast.net
Company Storekeeper	Bill Karow	(503) 490-0325	bill.karow@mac.com
Web Mistress	Kathleen Duncan	(360) 574-0955	woodspinner@gmail.com
Newsletter Editor	Jerry Klug	(541)550-6299	turningwood@bendbroadband.com
Tops Czar	Skip Burke	(503) 233-4263	drgramp@comcast.net

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Support of the sponsors listed helps maintain our hobby supplies. Remember that your current membership card is good for discounts at these firms. For additional information see the website <http://www.cascadewoodturners.com/sponsors.htm>.

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<http://www.nwfiguredwoods.com/>
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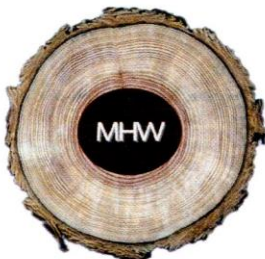
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