

Turning Times

THE OFFICIAL NEWSLETTER OF THE CASCADE WOODTURNERS

SEPTEMBER 2016

Please make sure that all content for the next newsletter reaches me by the 30th of September! turningwood@bendbroadband.com Thanks!

NEXT MEETING: 6:45PM, THURSDAY, SEPTEMBER 22nd 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

September Meeting Demo

Remember that the September meeting will be on the 4th Thursday, September 22nd. Tom Wirsing will be here to demo his platter skills. Tom usually uses only two tools, a bowl gouge and a scraper. His platters are so smooth they usually need no sanding. Look at Tom's web site www.thomaswirsing.com . There will be both an all day demo and a hands on class with Tom's visit.



Presidents Message

Well, here it is September already! Hope you had a good and productive summer. Now is the time to think about acquiring wood for bowl blanks. As soon as the sap starts going down is the earliest you should think about harvesting standing timber. Wait until after leaf fall if possible when there will be the least amount of water in the wood. Happy harvesting!

We still have room in Tom Wirsing's all day demo. The hands on class is currently filled although if you wish you could be placed on the wait list on Northwest's web site.

Save your dollars for the October auction! Remember, it's the funds raised by the auction which allow us to invite those world famous outside wood turners.

Hope to see you at the September 22nd meeting.

Keep on turning!!
Skip Burke
President
drgramp@comcast.net
(503) 233-4263

DALE'S CORNER

Open shop for September will be Saturday Oct 1st (because of Tom Wirsings classes on Sept 24th). It will start around 9am. Bring your tools and an idea. August open shop was a success with five lathes going. And please remember to vote for the AAW board positions.

Thank you
Dale

VP'S VOICE

Beginner's SIG

We have nine people who have expressed interest in a beginner's woodturning special interest group, or SIG. We will have our first "event" in October. Please email me at harveyrogers@gmail.com to receive notices and participate.

Making Meetings Friendlier

This month I really do plan to bring paper nametags to the meeting. I got distracted and forgot in August. If you are not wearing a fancy schmancy plastic CWA name badge, please put on a paper nametag. And please try to introduce yourself to somebody you don't already know.

Tops, Tops, Tops....

Skip has arranged to have us donate turned tops to a local hospital for sick children. The two people bringing the greatest number of tops to the September 22nd meeting will each receive a \$10 gift certificate to Craft Supplies. Hope to see you at the next meeting!

Harvey Rogers

AAW NEWS

A few reminders – if you are an AAW member have not yet voted in the AAW election here is the link: <http://www.woodturner.org/page/2017BODCandidates>. There are candidate videos and statements on this page and a button to the voting page.

If you're not an AAW member, we still have the 60-day trial membership offer: <http://www.woodturner.org/page/GuestMemberLanding>

The AAW video source library is here:

http://aawvideosource.org/php/video_detail_view.php?Filter_x=1 This is open to *everyone* – *members and non-members*. We are looking for good woodturning videos. If you've seen some good ones that are not in the library, click the "Submit a Video" and help us grow the library.



Each AAW symposium has a logo. AAW is coming to Portland in 2018. AAW is asking for suggestions on things that should be included in the 2018 logo. In 2007 we had a contest for the best design. It was won by a new member named Kathleen Duncan. The 2007 logo is attached. The office has also sent the 2017 Kansas City logo.

Dale Larson suggests the four chapters have a contest to suggest ideas for possible logos. One possible suggestion would be to have each chapter run their own contest and we send the best idea from each chapter to the AAW. The AAW reserves the right to design the final logo. In

2007 we sent our pick into the office and they had a professional do the final draft. The local chapters can make recommendations on the logo and ideas for the logo, but the AAW office gets to do the final draft. What they need from us are things and ideas that make Portland unique.

Kathleen
woodspinner@gmail.com

SAFETY FIRST

Ehhh, What Say?

Most of us know instinctively that we should not turn stark naked. We recognize, without even reading a safety article that we need to protect our pink bits when we turn by putting on some sort of clothing.

But most of us wear clothes most of the time, so putting on clothes when we turn isn't much of an inconvenience.

It's harder for us to remember to put on eye protection when we turn, because most of us don't wear adequate eye protection most of the time. But we can be pretty easily persuaded that wearing eye protection is smart, because we have all gotten something in an eye or two at one time or another, and we can remember how much that hurt, and how miserable it was to have our vision impaired, even temporarily.

It's much harder to get ourselves to use hearing protection when we turn, because most of us never wear hearing protection, and failing to use adequate hearing protection in our shops usually doesn't cause immediate pain or inconvenience. Hearing loss creeps up on us over time.

To make matters worse, noise levels, hearing loss and hearing protection can be hard for turners to understand.

Noise levels are hard to understand because they are most commonly measured in decibels (dB). The decibel scale is a logarithmic scale. That means the same amount of change in decibels doesn't mean the same amount of change in noise. For example, a twenty decibel increase means a sound will be ten times as loud, but a forty decibel increase will mean a sound is one hundred times as loud.

And hearing loss depends not only on the loudness of the sound, but the length of time you are exposed to that sound and the frequency of that sound.

OSHA (the Occupational Health and Safety Administration) says that exposure to more than 85 dBs for more than eight hours a day is likely to damage your hearing. For every 5 dBs that the average noise level goes up, the amount of time you can be exposed to it without damage goes down by one-half. That means that your hearing is likely to be damaged if you are exposed to more than one hour of sound at average level of 105 dBs.

This chart shows the dB level of some common sounds:

Noise Levels of Sources

Source	Noise level dB	Source	Noise level, dB
Air compressors	95-104	Quiet garden	30
Diesel generator	95	Ticking clock	30
Milling machine	112	Computer rooms	55-60
Power operated portable saw	108	Type institute	60
Trucks	90-100	Printing press	80
Car horns	90-105	Sports car	80-95
Jet takeoff	120	Trains	96

Dr. Rajendra Singh Thakur

22

What does this mean for woodturners? If your lathe is in decent shape and its bearings are turning freely, your lathe likely has an average sound level below 85 dBs. That means you likely can turn for eight hours without damage if only the lathe is running.

But you probably will run other tools while you are turning. Two common examples are your dust collector and your air compressor. Dust collectors and air compressors are usually quite a bit louder than lathes, and exposure to their noise can damage your hearing pretty quickly. Sound levels increase the closer you are to the source, so moving your dust collector and air compressor well away from your lathe (or even outside if possible) can reduce the noise level at your lathe considerably.

And you can make loud screeches when your tool contacts the wood spinning on your lathe, or loud bangs when a blank flies apart, so the noise you make with your lathe can be louder than the typical limit of 85 dBs.

So it likely makes sense for you to wear hearing protection when you turn. Hearing protection comes in different forms, with different tradeoffs.

You can buy passive ear muff style hearing protectors for between \$20 and \$30. These can provide more than 20 dB of noise reduction and are the kind of hearing protection that is usually sold for guns and chainsaws, both of which are a lot louder than lathes. "Passive" ear muff style

hearing protection blocks out all sounds to the same degree. That means you probably won't be able to hear someone who is talking to you unless you take the muffs off.

Active ear muff style hearing protection has fancy, noise-cancelling electronics and is available for a much higher price. It may provide less hearing protection than passive systems, but active ear muff style hearing protection will let you hear people when they talk, while still blocking out really loud sounds.

Ear muff style hearing protection can interfere with eye protection because both types of protection often hang on your ears. Eye protection is really important, so make sure your eye protection and hearing protection are compatible.

You can also buy hearing protection that you stick inside your ears. This option ranges from simple foam plugs to fancy, custom-molded plastic models that are fitted to your ears. Foam plugs can provide good protection, but can be hard to put in so that they work well. The fancy models are easier to put in. Hearing protection that you stick in your ears works with most eye protection.

The worst option is skip hearing protection altogether. But the advantage of that option is that you could end up looking like a dashing movie character:



Oin the woodturning dwarf from "The Hobbit."

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

SYMPOSIUM SCHEDULE

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

- 5th Segmenting Symposium - Quincy, MA, October 27th-30th 2016
- Virginia Woodturners (10 clubs) - Fishersville, VA, November 5th-6th 2016
- Oregon Woodturning Symposium, Albany, Or, March 17th-19th, 2017

MEETING SCHEDULE 2016

DATE	DEMONSTRATOR	CHALLENGE
SEPT 22	Tom Wirsing - ** (Platters / different tool steels / sharpening)	Tool Handle (Note date change)
OCT 20	Auction	
NOV 17	Eric Lofstrom**	Platter
DEC	No Meeting	<i>Merry Christmas</i>

*Graham Priddle class is available to all Portland area clubs as he will be here participating in Frogwood.

** Plan on an all day demo and an all day hands on class following the meeting date

Turning a Duck

by Fred Holder

This information is provided by *More Woodturning Magazine*. Please visit their web site:

www.morewoodturningmagazine.com

Back in 2004, Guilo Marcolongo, a turner from Australia, demonstrated how to turn a Daffy Duck at the Utah Symposium. I decided to try one. Here's my process, with some photos from Guilo's demonstration.

Guilo's ducks



Turning Times

To begin this project, you need a piece of wood for the body and another piece of wood for the head. Here are the dimension ratios that I came up with from Guilo's ducks and they seem to give a nicely proportioned duck (everything is dimensioned off of the diameter instead of using the length of the body):

- Length of body: 1.5 diameter of body
- Length of head: 0.73 length of body
- Length of head blank: 1.25 length of body
- Diameter of head: 0.5 length of body
- Top of bill: 0.52 length of body
- Radius of foot: 0.33 length of body
- Eye: 0.1 length of body
- Diameter of leg: 0.06 length of body

I actually worked everything out using the length of the body then realized that the controlling factor will be the diameter of the piece of wood that you are turning the body from. After that I established the basis for everything to be from the diameter of the body.

The body is turned into a good egg shape. Just make it 1.5 times as long as it is in diameter. From this make the dimensions of all of the other pieces.



The body has been turned and is nearly ready to part off. It is easier to turn the body with one end held in a chuck and then you have only one end to hand sand.

Next step is to turn the head. Cut a blank and turn it round. The round blank should measure 0.5 the diameter of the body and 1.25 times the length of the body. Make sure the ends are square with the body. Take this piece to the bandsaw and saw out a 1/4 section. Set the 1/4 section aside and shorten the blank by the top of the bill length or 0.52 length of the body. Mount this in the chuck and turn the egg shaped head to be 0.73 length of body.

{Editors note – If the above paragraph seems difficult to easily understand, refer to the photos. Fred did a good job giving the relationships of the sizes of the pieces but that is always a challenge without a diagram.}

Turning Times

Here the head is mounted in the chuck and ready to turn. The $\frac{1}{4}$ section is left out in the initial turning of the head.



The head has been turned to shape. It is now time to glue in the $\frac{1}{4}$ section that will become the bill.



Now glue in the $\frac{1}{4}$ section that you had set aside. When the glue sets, turn the head down to meet with the bill and turn the bill into the shape shown in the photo.



Here the $\frac{1}{4}$ section is glued into the head and ready to final turn. You must turn the head down to match with the bill section and turn the bill section to a point at the very end. Do not turn on the center pointed section.

Turning Times

Sand, and the head is done except for drilling holes for the eyes and a hole to mount the head to the body. The head is never glued to the body. You leave it free so that you can position the head to best effect in your display.



Here the head has been completely turned. You must hand sand the top of the bill section.



In this photo, Guilo is determining where the head would look best on this particular duck.

Turn a disk that has a radius of 0.33 length of body and cut it into four sections to make four feet. This piece should be curved a bit to make the feet more pleasing. Round over the back of the feet on a disk sander and shape the front of the feet as shown in the finished picture. Turn the leg pieces and the neck piece; they can all be the same size or the neck piece can be different if desired.



This shows the blank from which Guilo made the feet. You can get four feet out of a blank like this.

Turn the eyes out of contrasting wood. I used African Blackwood, but walnut or any other dark wood would work fine. I turned the eyes into little balls on the end of a small tenon. The tenon was turned to a common drill size. The location of the eyes is then determined and holes are drilled for the eye tenons. The small end of the body goes towards the head. Hold the head and body together to decide where it looks best and drill a hole in the body for the neck pin.

Now, try to determine the best point to align the center of gravity above the legs and drill two leg holes. Make sure the holes are parallel to one another. Drill holes in the feet pieces and glue in the legs. Now, apply glue to the top of the legs and insert them into the body. Press down until the duck is setting level and both feet are touching the table surface.

It is a good idea to do a dry set up of all of the pieces before you start gluing any of them together. Let the glue dry and apply finish to the duck.



The author's duck made for a friend who gave us some wood.

You will find these are interesting to make and Guilo says that they sell quite well, especially as a mama, papa, and ducklings set.

Fred Holder started *More Woodturning Magazine* as a newsprint magazine and later offered it on-line. When Fred retired from editing and publishing the magazine Dennis Daudelin took over publishing the magazine. Dennis is also active in the AAW virtual chapter for segmented turners. If you would like to see more of *More Woodturning Magazine*, check out the website www.morewoodturningmagazine.com.

CWT MENTORS

Cascade Wood Turners has a mentoring program and the member turners providing assistance are listed in the "Resources" section of the club's web page <http://www.cascadewoodturners.com/resources.htm>. These members are available for you to contact if you need help in different areas of woodturning.

QUICK LINKS:

There is a listing of web links used by club members in the "Resources" section of the web site <http://www.cascadewoodturners.com/resources.htm>.

COMPANY STORE

For those who have been urging me to stock 80 grit Klingspor paper, the urge has been heard and it is in stock, along with other grits up to 500.

Thanks to all those who have brought "screw top one gallon jugs. I'm well stocked for now.

As of the New Year, my responsibilities may be changing and I am looking for a volunteer to take over the store. I have found it to be a great opportunity to open conversations with members I would have possibly missed out on, it's impetus to attend every meeting (why wouldn't you anyway) and it's not a huge time commitment.

Jim Piper Woodturner

jim@jimpiper.com

503-730-0073

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: Jerry Harris and Russ Coker teach at Multnomah Arts Center in SW Portland. They continue to have woodturning classes and we have added an embellishment class. Check the Multnomah Arts Center catalog or phone 503 823 2787. The cost is very reasonable and all tools, wood and equipment is provided. You can contact Jerry at 503 577 6909 for questions.

Franklin High School Classes: There will not be turning classes at Franklin High for at least another year. 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

See store for details

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

- See store for details

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

- Check with store for events

CLASSIFIEDS

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

Wood Turner's Shop Sale

When – September 24, 10:00 – 1:00

Where - 8300 SW 135th Ave, Beaverton, OR 97008

NWWT (Northwest Woodturners) will be holding a shop sale for a wood turner who has a full shop and all the tools that go with a well-equipped shop. Being a machinist, he appreciated quality tools. All his tools are high-end and very well taken care of.

- Turning tools – More than 25 gouges, scrapers, etc, all made of excellent steel
- Jet mini-lathe
- 3 Vicmark chucks and jaws
- Tormax grinder and accessories
- Inlay materials and tools
- Lots of turning accessories
- Small selection of turning wood and dimensional lumber
- 2 hp Drill Press
- PerformaX 16-32 Plus Drum Sander
- Bosch plunge router and accessories
- Leigh Dovetail Jig
- Selection of power tools
- Selection of hand tools and clamps

For more info contact Roger Crooks, nwwt.rogercooks@comcast.net

FOR SALE: Jet lathe: 12" x 36". I don't know the model number. He's asking \$400. He also has a Jet bandsaw for \$450, other small tools too numerous to list here, a commercial grade table saw for \$1500 and a Jet dust collector. His name is Ron Toyooka, phone is 503.519.6252. He lives in Eagle Creek

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FOR SALE: JET 1220 – 6SPD Midi Lathe never been used, new 5 piece Crown Sheffield HSS turning tool set, Wolverine sharpening jig and an 8" slow speed grinder still in the box. Everything you need to begin turning, brand new and big discount. Call Jerry (541) 550-6299

FOR SALE: Ridgid 14" band saw, great condition with extra graphite guide blocks and 6 extra guide bearings. \$200. Call or text Eric von Beck at 503-320_5397 or email evonbeck@gmail.com

Turning Times

FOR SALE: Unused 14-inch Delta 46-715 Lathe, manual and a new lathe tools are included. Please email and include your mobile phone number and an indication of when you could pick this up. \$700 - Pick up is in Banks area. Ellen at windfalldesigns@comcast.net or 503-704-6976.

FOR SALE: Oregon Burl and Blank

-Hardwood and softwood burls -Hollow form turning wood -Pen blanks
-Bowl blanks -Cut to order

Recently sold and/or current material - Douglas Fir root burl, Maple burl slabs, Cherry burl bowl blank, Madrone pen blanks, dimensional rough sawn Cherry boards, Madrone, Pacific Yew , Oregon White Oak, Black Walnut , Oregon Ash

For pricing and pictures call Brandon Stadel 503-409-5677 brandonstadel@yahoo.com

FOR SALE: Powermatic tail-stock swing away, brand new at a special price. This sells from Craft Supply for about \$360 including freight. You can take it home for \$299.



Skip Burke (503) 233-4263 drgramp@comcast.net

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 popular 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/d51wpm180f4> Prices are about half of retail (i.e. Cook Woods or Craft Supply). Contact Tim at wtsmall@comcast.net 360-989-7721

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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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