



The Burl

A monthly newsletter for the
Willamette Valley Woodturners



Member Chapter

Volume 21, Issue 3

www.WillametteValleyWoodturners.com

March, 2017

Next Meeting
Thursday, March 9, 2017 6:30 pm

CITY OF SALEM SENIOR CENTER
2615 Portland Rd, NE. Salem, OR 97303

LET THE CHIPS FLY

The bylaws of the Willamette Valley Woodturners state that our club exists for the following purposes.

1. To provide an opportunity at our regularly scheduled monthly meetings for fellowship with others who share an interest in woodturning.
2. To preserve, enhance and pass on to future generations the cultural traditions and techniques associated with the art of woodturning.
3. To promote community interest in woodturning as a hobby and art form through meetings, shows, events, demonstrations, competitions and educational activities.
4. To promote educational opportunities for all members through workshops and seminars featuring experienced, well known national, regional or local woodturners.

I would like to draw attention this month to the second and third purposes on the list. Essentially, based on these two items, our club exists to preserve the art of wood turning and to promote woodturning in the community. While we do have our monthly meetings (item one on the list) those meetings traditionally don't typically have a huge community outreach. This month we have the very special opportunity to not only attend but to participate in the Oregon Wood Turning Symposium. We can participate by volunteering. We can participate by bringing items to the instant gallery and donating to the auction. We can participate by learning in the classrooms and by visiting the vendor floor, perhaps even spending a little bit of money. And we can all participate by inviting others to come along.

The symposium is truly a great way to help us uphold our mission and purpose. By attending and learning we can improve our craft and art. By inviting others to the auction we raise awareness of our craft within the community. By spending a little money we encourage vendors to return next time and help guarantee the continued success of the symposium and our own local club.

This newsletter and our March meeting will be the last opportunity I have to plead with you all to support and attend this event. It is not too late to volunteer and it is not too late to attend.

Thank you and happy turning.

Darcy Tataryn, Club President

Willamette Valley Woodturners February Meeting Minutes

By Ron Freshour, Club Secretary

- Meeting was called to order by President Darcy Tataryn
- There was a large attendance of about 57 members and 7 visitors
- Pledge of Allegiance
- Announcements:
 - Darcy announced that our Bring-Back project will continue next month
 - Craft supply orders are due to Jeff Zens before Monday
 - Walt announced that some members need their pictures taken tonight
 - Terry talked about the up-coming Symposium for March 17-18-19, 2017
 - ◆ The attendee rate will increase soon so we must register now
 - ◆ There is still a need for volunteers from our chapter - can sign-up at the back table
 - ◆ Our chapter is expected to earn some money as sponsors of the event. OAW will allocate about \$5000 amongst the clubs who provide volunteers for the symposium.
- Introduction of Demonstrator by Terry Gerros: Carl Jacobson from Sherwood, Oregon. Carl produces a free workshop on YouTube he calls The Woodshop. He is a representative for Robust Lathe and Easywood Tools. Tonight Carl demonstrated the turning of a natural edge Elmwood bowl. One interesting idea Carl emphasized was how important it is to keep the cutting tool working as close to the post on the tool rest as possible. It cuts down on possible vibration which in turns makes for a smoother cut. Carl used a variety of cutting tools to make the bowl.
- The meeting was adjourned with the raffle of a number of good donated items.



P.S. By Mark Choitz

You may have seen Carl's YouTube videos on woodturning - he has made over 500 and has over 127,000 subscribers to his channel. He puts out a new video every Friday and it's a great tool to hone new skills and try out new projects. Carl gave us the basics on turning a small bowl. Carl will be at the Oregon Woodturning Symposium coming up in March.



February Instant Gallery

Submitted by Mark Choitz

We had a full table of work displayed at the instant gallery in February. From salt and pepper shakers made for the Symposium banquet to some fine maple burl 3 footed bowls. Other items were: awls, segmented vessels, rattles and some nice salad bowls. Bring in your work to show at the next meeting and have a chance at a gift certificate from Craft Supplies USA. Gary Dahrens chestnut crotch platter walked away with the People's Choice award. Nice work Gary.



Tip of the month: Cut your own 2" and 3" sanding disks

Submitted by Bruce

To save money on abrasives, cut your own 2" and 3" sanding disks from sheets/rolls of abrasives with a hole-saw mounted in your drill press. Grind the teeth off and create a smooth sharpened bevel edge on the inside edge. Then mount a scrap of plywood on your drill press table and stack four or five sheets of abrasive on the table. Use you drill press to cut out the abrasive disks from the sheet. A small hole drilled in the top of the hole-saw will allow you to use a small nail to push out any stuck disks if necessary (drill press is always off when removing disks).

From Steve Russell

Upcoming Events

March 9 - Demonstrator: Richard Rich - Windsor style stool

I am a part time woodturner from Washington State and am a member of the AAW, the Cascade Woodturners and a founding member of the Southwest Washington Woodturners. I have been turning since around 2007.

Note: Handout for this demonstration is attached to the very end of the Burl.

April 13 - Demonstrator: Steve Newberry - Earring stand

Says Steve:

"I'm a family doctor who started turning 20 years ago as my father in law had a Shopsmith and I wanted a fun social activity with him as he wasn't much of a fisherman. I bought a used Shopsmith in the newspaper and watched Dale Larson turn a beautiful ash bowl when visiting Cascade Woodturners. I was hooked and still find the social aspects of woodturning as important as the technical ones. I've served as president of both Cascade and Northwest Woodturners and am currently president elect at Northwest.

I enjoy turning boxes, bowls, platters, earring stands, and multi-axis pieces. Lately I've been using an oxyacetylene rig inherited from my dad to make tools. I moved from turning on a Shopsmith to a Nova TL2300, the first model with 2 cylindrical ways, to my new Powermatic 3520B, which I'm enjoying very much."



Tip of the month: Using Anti-Seize Lubricant

Courtesy of AAW

I recently rough-turned a good quantity of wet cherry. Midway through the work, when changing my chuck jaws to a larger set, I found that the screws that secure the jaws were very difficult to loosen. Moisture from the wood contributes to the screws locking in place. Another cause is the tendency to over-tighten the screws. Now, every time I switch chuck jaws, I apply an anti-seize lubricant to the screws to make it easier to back them out the next time. The jaw screws came with anti-seize compound on them from the manufacturer, but the lubricant needs to be replenished over time. The lubricant is commonly available at automotive supply stores. Chucks are not the only turning equipment that need anti-seize lubricant. The screws that secure carbide cutter inserts to a tool shaft can also be difficult to loosen.

Leon Olson, Minnesota



The Editor's Corner

By Henrik Åberg, Burl editor

Please help improve the Burl experience for all club members by submitting your own contribution. We need more contributions for "**What's on my lathe?**", "**Tip of the month**", "**Joke of the month**" and more.

A maximum of two gift certificates per month are given out to the best Burl contributions!

This month's gift certificate goes to Mark Choitz !

AAW NEWS (reprint)

Submitted by Terry Gerros



If you are not a member of AAW, you can still sign up for a 90-day trial membership. As a guest, you'll have access to many articles and publications usually available only to members. The link to sign up is:

<http://www.woodturner.org/page/GuestMemberLanding> Check out this page to see what your guest membership entitles you to. Have questions about AAW? Talk to me.

Terry

TALKING POINTS: AAW 50% Dues Incentive for Chapter Members

There has never been a better time to be an AAW member!

- AAW membership for **\$30**, a 50% reduction on the regular \$60 rate
- One year membership includes printed bimonthly *American Woodturner* journal
- Only **chapter members who are new AAW members** are eligible
- Introductory offer, applies to **first year only**
- Special rate is available only during the exclusive sign up period from **April 1 to June 30, 2017**
- Join AAW only at <http://tiny.cc/AAWNewGen>

TALKING POINTS: New Learning Tools Introduced April 1

Valuable new learning tools are continually coming online, such as AAW EXPLORE! and AAW Video Source. And, on April 1 you'll see these new additions:

- **Woodturning FUNdamentals Online**, an easy-to-use integrated online learning experience for new turners and those who would like to build woodturning skills, which complements the digital Woodturning FUNdamentals publication. Access this new site April 1 at <http://tiny.cc/WoodFun>.
- **Discover Woodturning Online**, a new web-based resource loaded with introductory and descriptive information about the art and craft of woodturning, designed to educate the general public. Access this new site April 1 at <http://tiny.cc/DiscoverWT>.



Club Business



501 (c)(3) status has been granted to the club

This means that the club now can accept tax deductible (for the donator) bequests, devises, transfers and donations.

Membership renewals are overdue for 2017

By Henrik Åberg, Treasurer



At time of press **91%** of our members have paid their dues.



Note: The club [web page](#) also includes a link on the home page for PayPal payments of membership renewal.

February Treasurer's Report

By Henrik Åberg, Treasurer

Beginning Balance **\$12,684.24**

February Income

Memberships	\$315.00
Glue sales	\$106.00
Raffle	\$116.00
Donation	\$20.00

Total Income **\$557.00**

Ending Balance **\$12,810.90**

February Expenses

Burl copies	\$1.92
PayPal Fees	\$1.32
Postage	\$2.10
Demonstrator fees	\$150.00
1023-EZ application fee	\$275.00

Total Expenses **\$430.34**

Membership Report

By Henrik Åberg



We have **8 new members** so far in 2017 for a total of **112** members. (10 have dropped from the club).

Membership Rewards

Library

A friendly reminder to members with books and/or videos checked out from the library. Please return them at this next meeting.

Wood Gathering

Sign-up sheets will be available to indicate your availability to help with wood gathering. Anyone who learns of a tree or log that is available to the club should notify Jerry Lelack, (503) 510-1577 or Bob Hutchinson, (503) 508-3279. The intent is to gather wood, process it to usable pieces, store it at the home of Terry Gerros, and then make it available to members. Terry can be reached at (503) 580-5013.

From Terry Gerros

I am a distributor for Stick Fast CA glue, Sharpfast Sharpening systems, the Holdfast vacuum chucking system and Saburrtooth Carving bits. If you have an interest in these products, give me a call or send me an [email](#) for details.

Supplies

The club purchases a few supplies in bulk and sells it to members at club cost. We routinely have superglue (\$5), black or brown superglue (\$10) accelerator (\$10) and Anchorseal (\$11/gal). The club has a small supply of half round protractors (\$6) used to measure the angle ground on a tool, and depth gauges (\$5). HSS Round Tool Bits rods (1/4" x 8") are also available (\$3). Bruce Stangeby will have the resale items available at the meetings, except for Anchorseal which is available through [Jeff Zens](#).

Club Member Discounts

- **Craft Supply:** The club's order will be going out on the Monday following our Club Meeting if our order equals or exceeds \$1,000. Craft Supply gives us a 10% discount plus free shipping on all items, and occasional additional discounts on certain other items and quantity purchases. If you order from the sales items, you will receive the club discount in addition to the sale discount, making many items available at very attractive prices. For detailed instruction for ordering see the article in the [November](#) 2015 Burl. Questions? See jeffzens@custombuiltfurniture.com.
- Club members are registered with **Klingspor's Woodworking Shop** at www.woodworkingshop.com or 800-228-0000, they have your name and will give you a 10% discount.
- If you show your club card at checkout time to the cashier at **Woodcraft** in Tigard they will give you a 10% discount (May not apply to some machinery).
- **Exotic Wood** is offering a discount of 15% off any orders placed at: www.exoticwoodsusa.com. (This includes sale items and free shipping on orders over \$300). Use promo code ewusaAAW
- **Gilmer Wood** now offers our club a 10% discount on purchases made there. If you haven't been to Gilmer's, it is well worth the trip to Portland, if only to make your mouth water and make you cry if you leave empty handed.

Club happenings in our area

(Please visit the club's website listed below for additional information)

Northwest Woodturners (Beaverton, OR)

www.northwestwoodturners.com

Meets 1st Thursday 7:00 PM at the Multnomah Arts Center, 7688 SW Capitol Hwy, Portland

Cascade Woodturners (Portland, OR)

www.cascadewoodturners.com

Meets 3rd Thursday 6:45 PM at Willamette Carpenters Training Center, 4222 NE 158th Ave., Portland

Beaver State Woodturners (Eugene, OR)

www.beaverstatewoodturners.com

Meets 4th Thursday 6:00 PM at the Woodcraft Store, 1052 Green Acres Rd, Eugene

Oregon Coast Woodturners (Newport, OR)

www.oregoncoastwoodturners.com

Meets 3rd Saturday 10:00 AM at Hasting Coastal Woodworks, 3333 SE Ferry Slip Rd, South Beach, OR

Southwest Washington Woodturners (Vancouver, WA)

www.southwestwashingtonwoodturners.com

Meets 4th Wednesday 7:00 PM at Friends of the Carpenter's Center, 1600 West 20th St, Vancouver, WA

The Burl is a monthly newsletter publication of the **Willamette Valley Woodturners.....**

Executive Board

President	Darcy Tataryn
Vice President	Terry Gerros
Secretary	Ron Freshour
Treasurer	Henrik Åberg
Past President	Bob Hutchinson
Board Position 1	Bruce Stangeby
Board Position 2	Kate Selby

Non-Executive Positions

Newsletter Editor	Henrik Åberg
Web Master	Ron Fox
Wood Gathering	Jerry Lelack
Librarian	Jerry Lelack
Coordinators	Myron Yancy (Steam Up)
	Bob Hutchinson (State Fair)
	Bruce Stangeby (Mentors)

New Members	Bob Garvey Tom Morrison
Roster Compiler	Walt Thies
Facilities	Bryan Thoet Paul Hirt
Calling Tree	Carl Rodney
Video	Jeff Zens Larry Curry
Craft Supplies Orders	Jeff Zens

Send dues & other financial matters to:

Henrik Åberg
7231 Bethel Road SE
Salem, OR 97317
henrikeaberg@gmail.com

Checks payable to: Willamette Valley Woodturners

Send changes to roster information (address, e-mail, phone#) to Walt Thies (wgthies@gmail.com)

Send contributions to the Burl by the end of Wednesday the week prior to our meeting to:

henrikeaberg@gmail.com

Send all other club correspondence to the clubs official address:

Darcy Tataryn
10677 Garma Way SE
Turner, OR 97392 dstataryn@msn.com

Mini-Lathe Stool Demo

Richard Rich – Woodturner

The purpose and arrangement of this demonstration is to 1) show how to build a stool from turned parts and 2) provide a relatively simple project for most turners to be able to complete at home.

This project is easily modified to fit mini-lathes such as the Jet 1014 by simply shortening the legs two inches. This project is not for the absolute beginner. Turning such a stool requires both spindle and faceplate turning skills.

To complete this project yourself, you will need the following project blanks:

- One seat blank – 9 $\frac{3}{4}$ round by 1 $\frac{1}{2}$ thick.
- Four leg blanks – 14 long by 1 $\frac{1}{2}$ thick (12 long for Jet 1014)
- One button blank – 3 long by 1 $\frac{1}{2}$ thick
- Four wedges – about 2 long by $\frac{3}{4}$ wide by $\frac{1}{8}$ thick with one end tapered
- Story stick

The following tools / equipment are needed:

- 1) Lathe (minimum 1014 size) with following components:
 - Drive (steb style preferable) and revolving centers.
 - 4 Jaw chuck with standard jaws and woodworm screw.
 - Eye protection and full face shield.

2) Turning Tools

SRG, skew, spindle gouge, parting tool and bowl gouge (chatter tool optional)

3) Equipment

- Sharpening grinder w/ jigs
- Workbench of some type
- Sliding bevel
- Bottle of glue and small brush for spreading glue in mortises
- “F” style clamps or equivalent
- Cordless drill w/ charged battery
- Drill bits: 5/16 (for Nova screw centers) and 3/4 (auger or spade)
- Roll of masking tape
- Hardware store hand saw and a Japanese style flush cut saw
- Hammer
- Center punch
- Seat jig -12 square $\frac{3}{4}$ plywood with four 2” holes drilled at a 7” circle or corners cut

The following three pages are a step by step tutorial on how to make a stool.

This is for turners knowledgeable and familiar with the safe operation of lathe and tools. Anyone uncomfortable with turning the project, or inexperienced with the safe operation of the lathe and tools, should seek skilled guidance and instruction.

Mini-Lathe Stool Demo

Richard Rich – Woodturner

SEAT LAYOUT

1. Place seat blank on workbench with center mark side up.
2. Use the protractor ruler to measure and spread the pencil compass - pencil to point to $3\frac{3}{4}$. Use this to draw a $7\frac{1}{2}$ circle by drawing the circle from center.
3. Find the grain line along the blank the best you can. Align the protractor with the grain line and make a mark at 45 degrees from center. With a straight-edge (the story stick will suffice), mark a line at 45 degrees from the grain line. Go from edge to edge.
4. Pick either side where the line intersects with the circle. Place the pointy end of the compass there. Stretch the compass out enough so the pencil will mark a short line outside the circle around the halfway point on both sides. Do this from the other side also. There should be X's on both sides of the circle. From these X's, draw a line from edge to edge. There should be four equal intersections around the circle. These are the leg hole drilling points and layout lines.
5. This is the bottom side of the seat blank.

SEAT DRILLING

1. Ready a cordless drill with a $\frac{3}{4}$ inch spade or auger bit. Center-punch the four leg intersections.
2. Use protractor and set a sliding bevel to 75 degrees.
3. Clamp seat blank, layout (bottom) side up, to the workbench. Leave half the blank overhanging the workbench edge. One leg intersection should be 90 degrees from the workbench edge, readily accessible to drill.
4. Place the sliding bevel alongside the layout line, leaving room for the drilling to take place. Drill through the blank using the sliding bevel to guide the drilling angle. The angle will be towards the center of the blank so the legs splay outwards.
SAFETY NOTE: Be careful to ease the drill bit and not apply too much pressure as the bottom of the hole can suddenly give way. In addition to being dangerous, it can cause more tear out than if moderate pressure is applied.
5. Drill the remaining three holes this way.
6. For the Nova G3 chuck screw center, use a $\frac{5}{16}$ bit to drill a hole in the center of the blank bottom $\frac{3}{4}$ inch deep. Other chucks may require a different size hole to fit the screw center.

SEAT BLANK TURNING

1. Install 4-jaw chuck on lathe. Install screw center in chuck jaws.
2. Mount the blank onto the chuck screw center. Advance the tailstock revolving center for extra security.
NOTE: Longer screw centers than $\frac{3}{4}$ inch will need a spacer installed in front of the blank.
3. Mark the blank sides at $\frac{3}{8}$ and $1\frac{3}{8}$ from the blank bottom side (headstock end). Set the toolrest for cutting the bottom side of the blank. Turn the lathe on, the layout circle and the marks on the blank sides should be visible. If the marks are not visible, make them darker or longer.
4. With a bowl gouge, connect the layout circle line on the blank bottom with the first line $\frac{3}{8}$ from the bottom edge.
5. Turn the lathe off and re-set the toolrest to cut the top edge of the blank. With the bowl gouge, remove excess material from the blank top down to the second line made $1\frac{3}{8}$ from the bottom edge.
6. Round over the top edge to make a pleasing radius for the seat top, connecting with the bottom edge made earlier.
7. Remove the tailstock support. Dish the center of the seat like a very shallow bowl, being careful not to go more than about $\frac{1}{4}$ to $\frac{3}{8}$ deep.
8. Using wax or oil to reduce sanding dust, sand the seat blank smooth. Remove seat from chuck

Mini-Lathe Stool Demo

Richard Rich – Woodturner

BUTTON TURNING

1. Remove screw center from chuck. Clamp button blank securely in chuck jaws.
2. Turn exposed portion of blank round and smooth, being careful of the jaws.
3. Peel-cut round, plane cut towards headstock about $\frac{3}{4}$ inch until sides are smooth.
4. Smooth end face and chatter tool the end if desired. Using wax or oil to reduce sanding dust, sand and finish.
5. Leaving $\frac{1}{4}$ to $\frac{3}{8}$ from the face end, part down to $\frac{5}{16}$ (or bit size used to drill center hole) to make a tenon about $\frac{1}{2}$ long. Parting slightly inwards towards the button face allows the edges of the button to seat completely around.
6. Part off.

LEG BLANK PREPARATION

1. Mark and punch centers on all four leg blanks.

LEG TURNING

1. Remove chuck from lathe.
2. Install drive center and revolving center.
3. Mount leg blank between centers.
4. Set toolrest to turn tailstock end first, which will be the top tenon portion of the leg.
5. Set calipers, one to $\frac{3}{4}$ and the other to $1 \frac{1}{6}$.
6. Turn the blank round.
7. Using the story stick, mark the tenon and other leg details. For all designs including the bamboo style, the most important part is the tenon be marked $1 \frac{1}{2}$ from the top of the blank and turned $\frac{3}{4}$ inch round. The tenon base must swell larger at the same place on all four legs. This provides a base for the tenon to stop against the bottom of the seat blank.
8. Turn the leg to the desired design.
 - Check tenon fit in a seat leg hole. It should fit snug and go in relatively easy. Like other woodworking mortise and tenon fits, try the gravity test. Install the leg tenon into a mortise. Lift the leg up. The seat should stay with the leg, at least briefly.
 - If you must beat the leg in with a hammer, it is too tight. Replace on the lathe and turn a bit off the tenon. Retry the gravity test.
 - If it miserably fails the gravity test, it is probably too loose. Turn another leg. It is good practice anyway.
9. Turn and fit all four legs.

WEDGE KERF SAWING

1. Put the seat on a board with holes drilled, or corners cut out to give room for the tenon tops to extend through, install (dry, no glue) all four legs into the mortises of the seat. Seat them completely.
2. Arrange the tangential plane of each leg to the grain line of the seat.
3. Mark the leg at the tenon base at the layout line and number each leg and hole respectively, 1:1, 2:2 and so on. This allows you to replace the proper leg into the proper mortise on glue assembly.
4. With the legs attached, turn the stool over onto the legs.
5. Mark the top of the tenons at a 90 degree angle to the grain line of the seat.
6. Remove the legs. Draw a line down the tenon from the line marked on the top, stopping about $\frac{1}{4}$ inch from the tenon base mark you made earlier. Do this on all four legs.
7. Secure the leg with clamps on vee blocks.
8. Saw the line drawn down the tenon to make a wedge kerf on all four legs.

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DRY ASSEMBLY

1. Dry assemble the stool. Check to ensure the wedges will be 90 degrees from the grain line on the seat. If not, the possibility of splitting the seat is greatly increased.
2. Dry fit the button. Shave the tenon to fit if needed. It should fit snug into the hole.

STOOL ASSEMBLY + GLUE-UP

1. Place newspaper on the bench and put the board with holes drilled for the tenon tops on the paper.
2. Spread glue on the button tenon and the underside of the button. Put some glue in the drilled hole. Seat the button completely.
3. With an old toothbrush or other disposable small brush, spread glue in each mortise.
4. Start with leg 1. Spread some glue on the tenon and seat it completely into the corresponding mortise making sure the alignment marks meet. Do this for the remaining legs.
5. Turn the stool right-side up on the bench. Spread glue on only one side of a wedge and hammer it into the sawn kerf of a tenon. When it makes a dull thunk or will not go further, it is done. Do this on all four tenons.
6. Clean up any glue squeeze out with a paper towel.

WEDGE CUT-OFF

1. Place strips of masking tape on seat top around tenons.
2. Use flush-cut saw to cut off exposed tops of tenons and wedges.
3. Remove tape.
4. Later, you may chisel or sand to smooth tenon / seat top as necessary and apply finish as desired.

LEG LEVELING

1. Set stool on a flat surface to find out which legs need trimming. There are many methods to trim legs to length, here are two quick ones for minor trimming.
Method 1 - With a block plane remove wood from the bottom of the longer leg(s) until the stool sits flat.
Method 2 - Sandpaper is placed on the bench and the longer leg bottom rubbed across it.