

Turning Times

THE OFFICIAL NEWSLETTER OF THE CASCADE WOODTURNERS

November 2009

Please make sure that all content for next months newsletter reaches me by the 9th of January! rgklug@crestviewcable.com Thanks!

NEXT MEETING: 6:30PM, THURSDAY, Nov 19th AT FRANKLIN HIGH SCHOOL 5405 SE Woodward St, Portland, OR

COMING EVENTS

Mike Mahoney's demo has been cancelled. Club elections will be held at the November meeting. This is your club – be an active member. If being an officer isn't your thing, how about volunteering for one of the other service job? Or come up with a new one. It would be nice to have someone volunteer to take charge of setting up and/or cleaning up our meeting space. Someone suggested getting a volunteer to solicit donations of materials and gift certificates for our auction. Be creative – come up with something you can do for Cascade.

VICE PRESIDENTS MESSAGE

The Portland Woodworking Tool Show for 2009 is now history. Sunday we had a lot of people interested in Cascade and learning more about turning. I understand this was pretty much the story all weekend. Sunday afternoon we had a 10 and 12 year old watch our demonstration. They were very interested and seemed like pretty likely candidates so we directed them to the "Learn to Turn" at Craft Supplies. The kids loved it and came back beaming ear to ear. They wanted to show me the pens they had turned. It wouldn't surprise me to see some much younger faces at meetings in the future.

There were a lot more chips flying this year than in previous shows. In addition to Cascade, Northwest Woodturners were there with 2 lathes, and Willamette Valley Woodturners (Salem) were there with 5 lathes. To be there, we needed every one of you who volunteered. Special thanks goes to Doug Brown for bringing in his lathe, turning tools, some wood, and volunteering both Friday and Sunday. Thank you Glenn Burki, Vic Reeder, Russ Anderson, Phil Lapp, Jim McAllister, Skip Burke, Jerry Klug, Ken Kirkman, Gary Sundquist, Tom Scheideman, Pete Morell, Bill Giffin, and Bob Mach. If I omitted your name from this list, my apologies -- please let me know.

Some how I can't seem to come home from a tool show empty handed. True this year, too. But more significant, Cascade didn't come home empty handed. Wayne Sutter from Woodline USA (www.woodline.com) donated some very nice tools to the club. He told me that he doesn't know if most vendors know it, but at Woodline they are very aware that the woodturning clubs are what draw people into the tool show. He wanted to show us how much he appreciates the club's participation. Kirk DeHeer from Craft Supplies (www.woodturnerscatalog.com) donated two \$20 gift certificates for the same reason.

Kathleen Duncan
 Cascade Woodturners – VP
woodspinner@gmail.com

MONTHLY CHALLENGE

Bring your Christmas ornaments to the November meeting.

MEETING SCHEDULE '09

Demonstrator

Nov David Williams – Surprise Demo
 Dec No Meeting
 Jan 2010 Howard Borer & Glenn Burki – Hollow Forms

Challenge

Ornaments

DALE'S CORNER

We had 6 members here for open shop in October. Open shop has been a success this year and we will continue it next year. There will be no open shop for November or December because of the holidays. As always, if you have a special problem you want to work on, you can call Dale and see if he is in his shop.

AAW news. The board elections results are in for 2010: Jean LeGwin was reelected to a second term. She will continue to work on the Journal and the 25th AAW year book. Kurt Herzog and Warren Carpenter are the two new board members. These are all great candidates and will add a great deal to the AAW board. As I write this I am heading to Chicago for the fall board meeting. We will be working on the budget for 2010 and the 2010 symposium in Hartford Conn.

Dale
woodbowl@verizon.net

CLUB OFFICERS

In November, we will be electing officers for 2010. The following the list of candidates:
Election Slate 2010

Kathleen Duncan – President
David Williams – Vice President
Howard Borer – Treasurer
Ken Kirkman – Secretary
Gary Sundquist -- Member at Large

If you have never served on the board, or if it has been a while since you've served, please consider it now. Talk to, phone, or email Doug Brown or Kathleen Duncan. Also, if there is someone you'd like to have as a presenter at Cascade in 2010, please tell Kathleen.

BARGAIN BIN

This section of your newsletter is to spotlight useful items for your turning enhancement that are not found at the typical woodworking outlets. Please feel free to send me your bargain discoveries and share them with the club.

Now that you spent all your spare change at the Woodworkers Show, I have a great bargain for you. Timing is everything. Craft Supply has offered a special purchase discount to Cascade Woodturners Club. This is a 13% discount for a single purchase, delivered to a single address. We will pool our purchase items to this single order and the minimum total is \$1,000. With this amount, there is no freight except items listed in the Woodturners Catalog that specify added freight (like a lathe or vacuum pump) or special handling. Multiple discounts, like ordering three or more gouges of a single manufacturer are calculated before the 13% discount. That makes videos, books and some tools a great bargain.

We have already accumulated over half the order. If there is enough interest to increase the order to meet the minimum, the order will be placed December 7th to insure Christmas delivery. Tell your spouse so they can order your X-mas presents at a good discount. Orders will be made at the November meeting. Contact Jerry Klug to be added to the order.

GOOD WOOD WEBSITES

For November's website, along with the subject of "bowls", you may enjoy seeing how production bowl are made. This you tube video is a segment of the Discovery Channel's program "How It's Made". The Holland Bowl Mill in Holland Michigan is featured.

<http://www.youtube.com/watch?v=7EnERnbrJiU&feature=related>

SYMPOSIUM SCHEDULE

- Utah Woodturners Symposium Provo, UT May 6-8, 2010
- AAW Symposium Hartford, Conn. June 18-20, 2010
- Greater Vancouver Wood Turners Guild – West Coast Round-Up Sept 9-12, 2010
- Desert Woodturning Roundup, Mesa AZ Feb 18-20, 2011

QUESTIONS AND ANSWERS

By Howard Borer, our own "Woodturning Answer Guy"

Question: - Several people have asked the question guy about bleaching wood.

Answer: - Here is what I have experienced. Household or laundry bleach will not do the job. There is industrial wood bleach, and it turns out that it is manufactured in Portland, Oregon. It is available for purchase at Powell Paint Center, located at the corner of SE Powell and 52nd street, about a mile from Franklin High School. I got some there not long ago and the box cost less than \$20. It's a two-part product. Mix equal amounts of part A and part B, stir, and brush onto the wood to be bleached. As the bleach dries the wood gets lighter. If you want the wood lighter than the first coat yields, brush on a second coat. It does best sitting outdoors when it dries, but just follow the directions. It took 3 coats to bleach black walnut to a 'dirty white', which worked for me.

Good luck and happy turning.

The Answer Guy

TIP OF THE MONTH TURNING DESIGN

By Russ Fairfield

When one goes to the Olive Garden or the Country Kitchen, in Portland, quickly we see that the salad bowl shape is not curved inwards. That is for a reason, not just dumb/poor designs. The side walls of those bowls are sloped outwards and not necessarily in a concave arc. The horizontal lip makes it easy to handle when at a buffet or salad bar. For esthetics, most people prefer a deeper and/or wider bowl for salads. The following is a commentary by Russ Fairfield on bowl design:

Back in the days when I was making salad bowls at the rate of about 30 a month, I made them both ways, about half with the rim curving inwards to a smaller rim, and half with the rim flaring outwards in some fashion. The sales were equal, so there seemed to be no preference with the buying public. HOWEVER, over the course of a year or more, I started noticing that I was getting cracking in the rims of the bowls with an outward flair, and the losses were close to 1/2 of those that were over a year old. These were usually several small cracks around the rim, but they were very visible. There were almost NO cracks in any of the bowls that had the inward curve.

Since I was in the business of making and selling between 200 and 300 bowls a year, I started making only the bowls that didn't crack; and all of those had the same inward curvature that you see so much of. It had nothing to do with "appearance". It had everything to do with "stability".

I could have solved a lot of the problem with orientation of the wood grain, but that would waste a lot of wood.

Here is what we know. All wood goes towards lower moisture content as it ages over time because our houses are at some lower humidity than our shops because heat lowers the humidity in the winter and air conditioning lowers it in the summer. Galleries and such are bad all year around because they are always a very dry conditioned environment. None of this is good for wood. Wood shrinks as it dries. Wood comes apart when it is put in tension and cracks when the tension is too great. Wood that remains in a neutral state or is under compression will not crack.

The rims of bowls are most vulnerable because they are open to the atmosphere, while all of the wood under it is captured by the other wood surrounding it. This means there is a 3rd surface where moisture can be lost, while there are only 2 surfaces on all other wood in a bowl. This means that the moisture content of the rim will always be lower by some % than the rest of the bowl. I have cut apart two bowls that were 12-months old, and taken the pieces to bone-dry to check the moisture content of wood from various locations within the bowl. The wood at the rim was lower by 2% than the rest of bowl.

On the bowl with an outward flair at the rim dimension, the larger rim wants to shrink more than the smaller diameter wood below it. This puts the wood in tension, and when that tension is sufficient, it cracks at the rim.

On the bowl with the inward curve and a smaller rim, the wood at the rim is a smaller diameter than the wood below it. Therefore it will shrink less than the larger diameter below it as moisture is lost. Since it is shrinking less, it is placed under compression by the wood below it. There is no cracking because there is no tension in the wood. Even when the moisture % is lower at the rim, its movement is restricted by the solid wood below it.

Anyway, that's my story and I'm sticking to it. I have to agree with the "conventional wisdom" on this one from both experience and analysis.

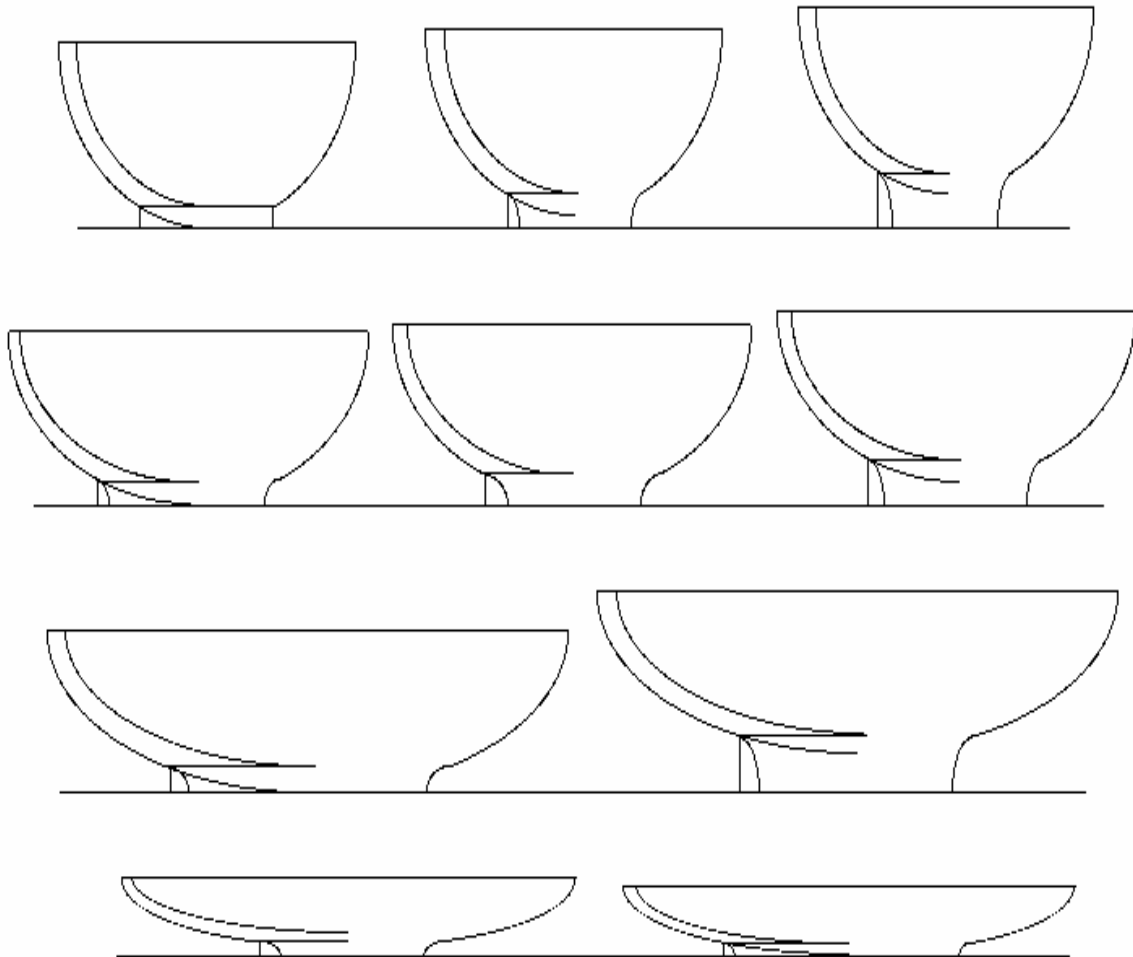
BOWL BOTTOM DESIGN

By Charlie Belden

The bowl drawings are by Charlie Belden. Charlie is a frequent contributor to www.woodcentral.com and an AAW member from the Bay Area. You can see more of his ideas at <http://web.hypersurf.com/~charlie2/AlternateMainMenu.html>.

Does the bottom of the inside curve of a bowl determine where the transition of the outside curve to the foot begins and the diameter of the foot at the table top?

In the illustrations below, the left side of each piece shows the relationship of the inside and outside curves to the foot and the transition curve's relationship to the outside curve. The right side of each piece shows the resulting profile of the piece.
(just something to think about)



DEMOS - CLASSES – SEMINARS

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

- Turn Christmas Ornaments – Dec 19th
- Bowl Turning – Jan 9th

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

- Beginning Turning class (\$105) by Bob Tuck, Saturday, Dec 12th, 10:00-4:00
- Intermediate Turning class (\$105) by Bob Tuck, Sunday, Dec 13th, 10:00-4:00

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

- Christmas Ornaments by Bob Tuck, Saturday, Nov 28th, 10:00-3:00
- Turned Gifts demo by Bob Tuck, Saturday, Dec 19th, 10:00-3:00

CWT MENTORS

These members are available for you to contact if you need help in different areas of woodturning (inside the parentheses it tells each of the areas in which each mentor specializes). If you need help, contact one of the following mentors. If you would like to be a mentor yourself and be contacted with woodturning related questions e-mail me at rgklug@crestviewcable.com and I will add you to the list!

Randy Rhine: rrrhine@comcast.net

(Ornamental and Segmented turning)

Phil Lapp: 503-925-0152

(Handled Vessels)

Glenn Burki: gburki@comcast.net

(Bowls, Boxes, Hollow forms, Texture)

Doug Brown: dougivan@aol.com

(Help for new turners with tools, Finishes and other choices)

Andy Johnson-Laird: andy@jli.com

Kathleen Duncan: woodspinner@gmail.com

(Christmas Ornaments)

Howard Borer: howbor@yahoo.com

(Beginning bowl, Spindle, Hollow turning and Lathe accessory fabrication and consultation)

Jonathon Spafford: jonathon.c@comcast.net

(Pens)

Dale Larson: woodbowl@verizon.net

(Bowl turning, Greenwood turning, and Reading the log)

John Wirth: chet@spiritone.com

(Hollow forms, Carving, and Embellishment)

QUICK LINKS:

The Burl House: www.theburlhouse.com

AAW (Main page): www.woodturner.org

AAW Forum: www.woodturner.org/vbforum/index.php?

Saw Mill Creek Forum: www.sawmillcreek.org

Woodturning Online: www.woodturningonline.com/

Turning Projects/Tips: www.newwoodworker.com/turning/

Pacific NW Woodturning Guild: www.woodturningguild.com

The Turner's Shop: www.theturnersshop.com/

Wood Net Forums: www.woodnet.net/forums/

QUICK LIKKS Cont:

Flying Curls: www.flyingcurls.com
 Arizona Silhouette: www.arizonasilhouette.com
 Hut Products: www.hutproducts.com
 Berea Hardwoods: www.bereahardwoods.com
 Pen Making Supplies: www.penmakingsupplies.com
 The Pen Shop: www.thepenshop.net
 Pen Turner's Forum: www.penturners.org
 Pen Maker's Guild: www.penmakersguild.com
 Russ Fairfield: www.woodturnerruss.com
 Freedom Pens: www.freedompens.org
 Penn's Woods: www.stores.pennswoodsstock.net
 Lloyd Johnson: WoodturnerPro.

COMPANY STORE

Prices can sometimes change if the supply house takes an increase in price on a new order. Also, if a number of members wanted a certain item, and we are low on it please email Joe Escriva at jescriva1@msn.com a week ahead, he could have it with no out of stock.

Company Store Item	Price
Accelerator (for Cyanoacrylate adhesives/CA), sprayer, 8 oz	\$6.75 each
Anchor Seal, one gallon	\$12.50 each
Cyanoacrylate adhesives (CA) - Thin, Medium and Thick, 2oz bottles	\$5.75 each bottle
Sandpaper, Aluminum oxide with heavy cotton cloth backing in 80, 100, 120, 180, 220, 320 & 400 grits	\$1.00 each sheet
Walnut Oil - filtered, 16 oz	\$3.00 each

CLASSIFIEDS

To place or continue an ad, contact Jerry Klug at rgklug@crestviewcable.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.

PASTE WAX – CRYSTAL CLEAR

H.F. Staples "Crystal Clear Paste Wax". This is the wax that Dale uses on his green turnings to seal for drying. Dale says "It is the best paste wax for end grain of green bowls I've found, and the cheapest." This wax is also good for supporting end grain to minimize tear out. It is sold as bowling

alley wax. The October meeting saw the 20 cans of wax be snapped up in less than 20 minutes. A re-order of 30 cans has been made at the same price and the wax has arrived. The wax will be available at the November meeting for \$10/can. This may be the last order at this price as H. F. Staples raised their price and the wax will not be carried in the Company Store. Any unreserved cans will be available at the meeting as long as they last. rgklug@crestviewcable.com or 541-550-6299.

TOOLS & SHOP SUPPLIES

Ollie Murray is offering a large number of tools, turning rounds, sandpaper and misc shop items for sale. Examples of tools are: Band saw, Drill press, Radial saw, Belsaw molder/planer, Routers, turning tools, Vicmark chuck and many more. Lots of sandpaper. Contact Ollie at 503-253-9242

HARDWOOD RODS

These are 12" long pieces that were 2" x 2" when I bought them and then I turned them round. Their diameter is between 1 7/8" and 2". They have been air drying in my shop for 10 years, so are probably thoroughly dry. Species include bocote, purpleheart, ziricote, and probably others I've forgotten. They'd be great for small boxes, bottle stoppers and who knows what else. Only \$5 each. Howard Borer, howbor@yahoo.com

CASCADE WOODTURNERS SPONSORS

Remember that your current membership card is good for discounts at our club sponsors listed below.

<u>Gilmer Wood Company</u>	2211 NW Saint Helens Rd Portland, OR 97210 (503) 274-1271 [Map]	Discount varies depending on item, 10% + or -
<u>KLINGSPOR Abrasives, Inc.</u>	Mail Order (800) 228-0000	10% off everything in the catalog except corded tools.
<u>Rockler Woodworking & Hardware</u>	Beaverton Town Square 1773 SW Beaverton Hillsdale Beaverton, OR 97005 (503) 672-7266 [Map]	10% off
<u>Woodcraft Supply</u>	12020 SW Main Street Tigard, OR 97223 (503) 684-1428 [Map]	10% off
Woodcrafters	212 NE 6th Ave Portland, OR 97232 (503) 231-0226 [Map]	10% off (not on everything)

