

Turning Times

THE OFFICIAL NEWSLETTER OF THE CASCADE WOODTURNERS
cascadewoodturners.com

May 2009

Please make sure that all content for next month's newsletter reaches me by June 8, 2009!
strauss.k@comcast.net Thanks!

NEXT MEETING: Thursday, May 21, 2009 - 7:00 to 9:00pm
Franklin High School - Wood Shop - 5405 SE Woodward St., Portland, OR 97206

PRESIDENTS MESSAGE

Last month's presentation by Stephen Hatcher was outstanding. There were 10 who took the class on Friday. It was a great introduction to stone inlay. It was amazing to see a pattern emerge from beneath a gob of CA glue and minerals. The challenge should have some interesting pieces this month.

By and large the woodturners in general seem to share a remarkable quality. That quality is generosity. I don't think artisans or craftsmen in any other field are as generous as the woodturners I've met. This covers time, talents, ideas, and supplies. It includes Keith Strauss who has offered to take over as newsletter editor while Jerry is away. It includes Stephen Hatcher who shared much of the research he has done on stone inlay. He had detailed handouts in which he gave us his not-so-secret trade secrets: the best minerals to use, tools that work best for the type of work he does, suppliers (even the source of spray bottles of which we will have a very large supply), etc. It includes all the other presenters who have shared their special skills. It includes all the members who offer to help with Cascade. It includes those like John Wirth and Mike Meredith who will be showing us two ways of threading at the May meeting.

I'm going to have to miss Mike and John's presentation. Alaska Airlines rescheduled my flight to my niece's wedding in California and the reschedule makes it impossible to do both. So, I'll see you at the meeting in June.

Kathleen - acting President - woodspinner@gmail.com

Editors Forum: I want to thank Keith Strauss for volunteering to step in as editor while I am unable to be at my normal duties. I plan to return by mid summer and hope to have lots of stories from the Southwest to share. Jerry Klug - Editor

CASCADE WOODTURNERS SPONSORS

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

<u>Gilmer Wood Company</u> www.gilmerwood.com	2211 NW Saint Helens Rd Portland, OR 97210 (503) 274-1271	Discount varies depending on item, 10% + or -
<u>Klingspor Abrasives, Inc.</u> www.klingspor.com	Mail Order (800) 228-0000	10% off everything in the catalog except corded tools.
<u>Rockler - Woodworking and Hardware</u> www.rockler.com	Beaverton Town Square 1773 SW Beaverton Hillsdale Beaverton, OR 97005 (503) 672-7266	10% off
<u>Woodcraft</u> www.woodcraft.com	12020 SW Main Street Tigard, OR 97223 (503) 684-1428	10% off
<u>Woodcrafters</u> www.woodcrafters.us	212 NE 6th Ave Portland, OR 97232 (503) 231-0226	10% off (on many items)

DALE'S CORNER

Lost Jacket: Someone taking Stephen Hatcher's class left a light weight black jacket in my shop with the business name GENOTHEN on it. Email Dale at woodbowl@verizon.net to claim it.

Dale will host an open shop for May 30th, to start about 9:30am. Bring your project, tools and an idea so you can have some fun turning.

APRIL'S DEMO

The April meeting demo and the hands on class on Friday by Stephen Hatcher was enjoyed by all. I heard many comments of surprise that Stephens inlays could be actually done by mere mortals. His teaching style is clear and straight forward and Steve is open to share all his techniques and "secrets". Each of the 10 students in the hands on class was able to finish the inlaying portion of a 6" platter with some lovely designs inlayed.

Steve's explains his work as simply cutting a groove and gluing in shiny minerals. Then you sand it smooth to the level of the wood and finish it. Well maybe there is a bit more involved to an attractive inlay so let's review the steps that Steve presented.

April's Demo continued:

Some of the critical steps include:

- 1) Coat the wood prior to using C.A. glue with thinned shellac. Steve mixes about a 2 lb cut of wax free blond shellac flakes with denatured alcohol for a base stock and then thins this mixture to about 10% with more denatured alcohol for his spray bottle. The work is recoated every time a sanding is done.
- 2) Cut the grooves and shapes with a square edge and flat bottom approximately 3/16" deep.
- 3) Use a dark background mineral powder to highlight the reflection of the minerals.
- 4) Pulverize the minerals and screen with sieves from about 3/16" mesh to a fine tea strainer. This should result in about 4 grades of mineral sizes. Each of the class students took turns beating some light green calcite into oblivion by hitting the mineral in a can with the butt end of a concrete chisel. Be sure to wear your safety glasses.
- 5) Lay down the minerals largest size first and then step down in size to the near fines size. The fines are mixed 50/50 with the background color. The grooves should be filled slightly proud of the surface and then coated with dark background powder/fines mix.
- 6) The design is then flooded with thin C.A. glue. A vibrating engraver is handy to shake the C.A. glue into the depth of the groove and release any trapped air bubbles. Just set the side of the vibrating stylus against the rim of the piece.
- 7) Recheck for voids or pits in the fill of minerals. Refill these voids with additional dark powder/fines mix and flood again with thin C.A. There is ample working time for the C.A. if there is no moisture present. Let it sit overnight for the C.A. to harden. The C.A. is thermal setting so it will be dry, cool and hard when cured. If you use an accelerator to speed up the process, wait until the C.A. is cool to the touch before proceeding.
- 8) With a firm sanding pad, begin power sanding the excess minerals to nearly flush with the wood. Steve starts out with a 60 grit sanding on the piece with the spindle locked. He recommends a push and pull method to sand and back off to assure the sandpaper does not overheat. This will clog the paper and damage the Velcro. After the bulk of the excess has been removed, switch to a 3" 120 grit pad and sand while the lathe is running slowly.
- 9) Check for voids. If there are voids that need additional fill of minerals, reapply thinned shellac first and dry the piece with compressed air.
- 10) Reapply the dark powder/fines mix and flood with thin C.A. Repeat the process until the design is flush with the wood without pits or voids.
- 11) Now you sand to 400 and finish.

For additional colors in your design, repeat the process for each color laying in the background first. It is kind of like painting a picture.

Steve uses a Dremel Moto-tool but there were students in the class using Fordom and air powered dental drills. Steve did recommend a tool that turns up to 30,000 RPM or more so the bits cut smoothly and don't grab. He provided a set of carbide burrs and cutters that are reconditioned circuit board drills. We started with a 1/8" burr cutter to rough out the design and followed up with a 3/32" and then a 1/16" to narrow the groove openings and reduce the corner radii. Then the bottom is squared up with a flat bottom cutting 1/8" and then a 1/16" cutter. This establishes straight sides and uniform flat depth to the design. We then smoothed off any furry edges with a Scotch Bright pad or a 320 grit sanding disc. Now the design is ready for filling with minerals.

April's Demo continued:

The dark powder/fines mix uses powdered colors for the background. Black is the usual color but let your imagination roam. The calcite mineral fines in the mix assure channels for the thin C.A. glue to flow through the fill. For additional luster, a small portion of metallic particles can be added to the fines mixture, about ½ teaspoon to 1/3 cup fines mix. Craft Supply calls the dark powder “Crushed Stone Powder” and it is available in eight colors. The metallic additive can be Inlace metal dust, Candy Metalflake additive from an automotive paint supply or Steve's method of using a coffee grinder and pulverizing some gold leaf with a contrasting mineral like malachite. Again let your imagination roam.

The burrs range from \$0.50 to \$4.00 each depending on the type and source. Veritas offers an assortment of reconditioned circuit board bits in their catalog that are reasonable but you get a mixed assortment that may have a number of bits that you would not use. Widget Supply has a wide choice of burrs and bits.

I have just started using sandpaper from Vince Welch, www.vinceswoodnwonders.com that work very well and have a great backer pad system. Steve was using Vince's products too.

Steve kept a spray bottle of denatured alcohol handy to wet the turning so the image can be seen as it will finish. He also sprayed the 60 grit sanding pad if it got hot to quickly cool it when roughing down the initial mineral glue up. Steve uses alcohol aniline dyes to tint and air brush color onto the finished piece. Remember to apply that thin shellac coat first. The aniline dye won't stick to the inlay, just the wood. A buffing with a paper towel will remove the dye from the minerals and leave the color on the wood. If the color is not what you want, spray it with alcohol and rub it off.

Steve cautioned a number of times during both the meeting demo and at the hands on class the need for good ventilation and respiratory protection. Some of the minerals are an irritant to your lungs and the vapors from the C.A. glue smell bad enough to be cautious. Steve uses a high volume fan that sucks the fumes and dust out of his shop and onto the patio furniture outside.

If you are really ready to experiment, now you can not only use minerals for your inlays but the same method is adaptable for inlaying rice, coffee beans or seeds. I have seen pen blanks where legumes or seeds are suspended in epoxy. It seems like the same effect could be used for inlaying. Be sure to experiment on some scrap first so you aren't disappointed with a less than desirable end to your 32" madrone platter. The seeds have color and texture but not the reflective surfaces that the minerals often have.

Steve lists his suppliers and some really good tips on his website www.stephenhatcher.com as well as a really good chart showing colors and types of minerals that are in the hardness range that are compatible with hardwoods.

If you couldn't attend the hands on class and want to try Steve's creative style of inlaying, look over his website and then contact one of the ten who enjoyed his class. They will be glad to share the experience and reinforce what they learned from Steve.

MONTHLY CHALLENGE

The April challenge was won by Randy Rhine with a pair of exquisite kaleidoscopes.

The challenge for the month of May is to show off your inlaid turnings.

MEETING SCHEDULE '09

Meeting	Demonstrator	Challenge
May 21	Mike Meredith & John Wirth - Threading	Inlaid Turnings
June 18	Dale Larson & Doug Brown - Bowl coring	Threaded things
July 16	Bill Moore - Metal spinning	Nested Bowls
August	Picnic	

TIP OF THE MONTH

Submitted by Kathleen Duncan

You can turn walnut sap wood into pretty respectable ebonized walnut by an application of vinegar. Make the vinegar tea by soaking oil free 0000 steel wool in apple cider vinegar for a few days. Strain out the steel wool particles using a paint filter cone or cheesecloth and either paint the tea onto the walnut or immerse it in the mix. The iron from the steel wool reacts with the tannin in the walnut to blacken the wood.

Editor's Note: Thanks to Lloyd DeWerff, Howard Borer, Randy Rhine, Bob Mach and Kathleen Duncan for tip submittals. Please keep those tips coming in for all to enjoy in this newsletter.

LIBRARY REVIEW

Our club library has an excellent video by Allan Batty, "The Definitive Work On Hand Thread Chasing". This is a one hour VHS tape that covers thread turning techniques and tool sharpening as well as showing a complete acorn box project. Allan makes the process of creating fine threads by hand seem easy but he does comment that it takes a lot of practice. This is a good review before trying threading.

MAY DEMO

Mike Meredith and John Worth will be entertaining the club with a demonstration of threading. Mike makes hand threading look easy. He says all it takes is practice. It will be interesting to see his techniques. John will be using a Kline threading jig. That is more my style. It will be interesting to see the advantages of each method of threading the wood.

DEMOS - CLASSES – SEMINARS

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

- Bowl Turning (\$45) by Paul Rasmussen, Saturday, May 23rd, 6:00-9:00pm
- Turning hall table legs demo part 3, Saturday, May 23rd
- Annual Swap Meet, May 30th
- Turning Platters (\$45) by Paul Rasmussen, Saturday, June 20th, 6:00-9:00pm
- Turning demo – pens & bowls, June 20th
- Turning ice cream scoops demo, July 25th

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

- SketchUp 1 for woodworkers (\$75) by Lloyd Johnson, Saturday May 23, 12:00-5:00
- SketchUp 2 for woodworkers (\$75) by Lloyd Johnson, Sunday May 24, 12:00-5:00
- Beginning Turning class (\$105) by Bob Tuck, Saturday, June 13, 10:00-4:00
- Basic bowl turning class (\$105) by Bob Tuck, Sunday, June 14, 10:00-4:00
- Fathers Day Pen Turning class (\$40) by George Hays, Sunday June 21, 1:00-5:00

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

- Heritage Vase Turning demonstrated by Russ Coker, Saturday, May 23rd, 10:00-3:00
- Decorative Carving demonstrated by Lee Johnson, Saturday, June 13th, 10:00-3:00

Pacific Northwest Woodturning Guild – www.woodturningguild.com

- Christian Burchard and Greg Wilbur will mentor a collaborative fusion of wood and metal in a three day hands on workshop at Dale Larson's shop, August 6th through 9th. Cost is \$190 and includes lunches and two nights dinners. Contact Doug Brown (503)774-5701 or Jerry Harris (503)244-6921

AAW Symposium – www.woodturner.org

- AAW Symposium in Albuquerque, New Mexico - June 26-28, 2009

Woodturners of Olympia www.woodturnersofolympia.org

- 2009 "Creativity in Woodturning" Symposium will be held Saturday, July 25. Eric Lofstrom will begin the day with a demonstration on woodturning basics. Eric will be followed by Jimmy Clewes. He will be performing demonstrations covering: Design, shape, form & aesthetics, Oriental Boxes, Turning a twist and long stem goblet, and Colorings. The cost for the full day is \$70 for early payment. After June 1, 2009 the cost is \$80. Children under the age of 18 can register for \$10 if attending with a paying adult. Lunch is included in the cost if payment is received before July 12. Demonstrations will start promptly at 8 a.m. and end by 4:30 p.m. Door prize drawings will be made after the final presentation. Location is the Komachin Middle School - 3650 College St. SE, Lacey, WA. 98503. For more information or to register see the web site or send payment directly to Al Price at 4112 Teakwood Ct. SE, Lacey, WA. 98503. Questions may be directed to Al at 360-791-0396 or aprice44@aol.com

**Northwest Chapter of
International Wood Collectors Society
Fred and Mildred Holder's Home
19805 Fales Road
Snohomish, WA 98296 USA
TEL: 360-668-0976**

NWC-IWCS Summer Meeting - Fred Holder is inviting Cascade Woodturners to the summer regional International Wood Collectors Society meeting being held at his home in Snohomish, WA. Fred is always looking for more members in the society and this is a good opportunity to meet some of their members and possibly to get a bit of wood at a very good price at the wood auction. This is a good opportunity to meet new turners, watch some demonstrations and see Fred's shop.

**NWC-IWCS Summer Meeting Schedule
July 11, 2009**

- 9:00 am - Beginning of Summer Meeting. Bring some of your latest projects and set up a Display. Also, wood for the wood auction. Coffee & Donuts will be available.
- 10:00 am - Woodturning Demonstration and hands-on turning a pen Fred Holder will demonstrate the turning of a pen that uses a BIC insert. After the demonstration, we will make lathes available for others to try their hand at turning a pen using a BIC insert. Fred and Mildred have four lathes. Fred and Gordon will have prepared the pen blanks by pre-drilling them and turning them round. If you don't get a chance to turn a pen before lunch, you can do so during the wood auction or afterwards. If need be, we'll stay open until 9:00 pm. **Note:** If you wish to carve your pen instead of turning it, bring your own carving tools. Drilled pen blanks will be furnished, but not carving tools.
- 12:00 - 1:00 pm - Lunch will be catered. Last year we got Subway Sandwiches. This seemed to go over pretty well since the variety is pretty great and the price is good.
- 1:00 pm - Business Meeting after lunch.
- 2:00 pm - Wood Auction Everyone please bring some Good Wood and a Craft Item for the auction.

LOCAL ACCMODATIONS for NWC-IWCS Summer Meeting:

- Snohomish Inn: 323 Second Street, Snohomish, WA 98290. Tel: 360-568-2208 (about 8 miles from meeting place)
- Best Western Baron Inn—Monroe: 19233 US Hwy. 2, Monroe, WA 98272. Tel: 360-794-3111 (about 5 miles from meeting place)
- Holiday Inn Express Hotel & Suites—Monroe: 19103 US Hwy. 2, Monroe, WA 98272. Tel: 1-800-HOLIDAY (about 5 miles from meeting place)
- Monroe Motel: 20310 Old Owen Road, Monroe, WA 98272. Tel: 360-794-6751 (about 5 miles from meeting place)

NWC-IWCS Summer Meeting continued:

DIRECTIONS TO FRED AND MILDRED HOLDER’S HOME:

From: Hwy 9 going south from Snohomish: Turn left at light at Broadway, follow Broadway until you come to a stop sign, turn left at the stop sign, go down hill with crooked road, shortly after the road flattens out it will “Y”. The right branch is Fales Road. Follow it watching for street signs, just after the sign for 197th street, turn left at the next driveway, pass between two houses and follow the road to pass over a small bridge where the road forks, take the left fork up to the house and parking.

From: HWY 405 going north on HWY 522, turn left at the Fales Road Exit. Take the third driveway on the right, pass between two houses and follow the road to pass over a small bridge where the road forks, take the left fork up to the house and parking.

From Monroe: Take Hwy 522 south toward Seattle, turn right at the Fales Road Exit. Take the third driveway on the right, pass between two houses and follow the road to pass over a small bridge where the road forks, take the left fork up to the house and parking.

Note: If you get lost, call 360-668-0976 for directions.

Clip and Mail:

Please enter the names of the people attending and include \$6.00 for each of them eating lunch:

Number attending: _____ Amount Enclosed: _____

Names: _____

Make Checks payable to Northwest Chapter IWCS

Send money and reservation to:

Mildred Holder
PO Box 2168
Snohomish, Washington 98291

Telephone: 360-668-0976 (message service).

E-mail: mildred@morewoodturning.net

Cascade Woodturners - MENTORS

These members are available for you to contact if you need help in different areas of woodturning. 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 contact me at rgklug@crestviewcable.com and I will add you to the list!

Specialty	Name	Contact
Ornamental and Segmented turning	Randy Rhine	rrrhine@comcast.net
Handled Vessels	Phil Lapp	503-925-0152
	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
Christmas Ornaments	Kathleen Duncan	woodspinner@gmail.com
Beginning bowl, Spindle, Hollow turning and Lathe accessory fabrication and consultation	Howard Borer	howbor@yahoo.com
Pens	Jonathon Spafford	jonathon.c@comcast.net
Bowl turning, Greenwood turning, and Reading the log	Dale Larson	woodbowl@verizon.net
Hollow forms, Carving, and Embellishment	John Wirth	chet@spiritone.com

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/
 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.com

**CASCADE TURNING ASSOCIATION MEMBER
SPECIAL DISCOUNT COUPON**

for APRIL & MAY 2009

Thank you for supporting AAW and Don Pencil Woodturning

20% off Don Pencil Woodturning Jamb Chuck Products
(blems and seconds not included)

Use coupon code when you check out: **AAW9420JC**

15% off Don Pencil Woodturning Buffing Products & Buffing
Systems
(blems and seconds not included)

Use coupon code when you check out: **AAW9415B**

10% off Don Pencil Woodturning Faceplates & Faceplate
Center Markers
(blems and seconds not included)

Use coupon code when you check out: **AAW9410FP**

10% off Don Pencil Woodturning Scorpion and Stinger
Products

(blems and seconds not included)

Use coupon code when you check out: **AAW9410SS**

DON PENCIL WOODTURNING
Eastsound "Orcas Island" WA 98245
360-376-4586
www.donpencil.com

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.

STOCK LIST

- Thin, Medium and Thick, 2oz CA adhesive.\$5.50 ea bottle
- Accelerator, 8oz sprayer\$6.50 ea

Stock List continued:

- All sandpaper, Aluminum Oxide Heavy Cotton Cloth backing in 80gr, 100gr, 120gr, 180gr, 220gr, 320gr, 400gr.....\$1.00 ea sheet
- Anchor Seal, Gal.....\$12.20 Jug.
- We also carry a 16oz. filtered Walnut Oil\$3.00 ea
- 16 oz chemical resistant spray bottle (NEW ITEM).....\$2.50 ea

CLASSIFIEDS

To place or continue an ad, email Keith Strauss strauss.k@comcast.net. We will run ads in the next newsletter. Let us know if you want your ad continued more than one month.

FOR SALE - TOOLS:

30 gal, 2-HP Compressor, Craftsman, 2 cylinder, 220V. Older model, but runs great. \$95.

2 Routers: Hitachi TL-12 & Craftsman model 315, each mounted to a small table, \$25 ea.

Isolated Variable Transformer, 120V in, Zero to 140V out. Used to reduce speed on equipment.\$30.

Can bring all but compressor to meetings on request.

David Williams, (503) 997-2541 dwilliams97007@yahoo.com

FOR SALE – DELTA 1242 LATHE W/ACCESSORIES

It has an upgraded 1.5 hp. Motor with an added reverse switch Lathe is variable speed about fifteen years old; 2 inboard, 2 outboard faceplates; 1" spindle; #2 taper; straight and curved tool rests; 1 spur center & 1 live center; 2 adapters for Stronghold chucks; other miscellaneous.

This is a very solid and a bit ugly machine (previous owner put bumper stickers all over it, most are removed), with 300 lbs. of sand built into it (removable). \$550 is too cheap (I paid \$950 eleven years ago).

David Gleason Masterpiece Wood Floors

PO Box 2135, Clackamas, OR 97015 - (503) 658-8519 - Fax (503) 658-5999

gleason1698@comcast.net

FOR SALE -- LEGACY ORNAMENTAL MILLING MACHINE

This machine was purchased by my father-in-law about 15 years ago when he was some 90 years old and he only used it for three short spells. The machine has been in storage ever since. As a result, it is in an almost new condition and my father-in-laws eldest son now wants to sell it. The machine is a "Legacy 1200" which now markets for \$3,095. You can see the machine and its details on line at: legacywoodworking.com/products.cfm?product=5. They are asking \$1,000 for it and along with the machine there is a Hitachi router to operate on the machine along with about a dozen 1/2" drive router bits. If you are interested or have questions regarding the machine, please call Jim Hall at 503-655-1716.

NEW ITEM AT THE CLUB STORE – 16 oz CHEMICAL RESISTANT SPRAY BOTTLE

These are the same bottles that Stephen Hatcher used for his thinned shellac and for spraying alcohol in the dying process. These spray bottles are heavy duty industrial units. Ordering one or two at a time makes the price with the freight charges almost \$10 each. The club is making a bulk order to minimize the freight per unit cost. We are making these available for \$2.50 each. Email Joe Escriva at jescriva1@msn.com and reserve yours now.