



Newsletter

Dec 2013

From Our President Pat Hickey

January Meeting: Boxes, I will show a variation from the hollow ball ornament and some basic techniques for making small boxes. Save your leftover scraps!

Tentative Schedule for the near future:

February: Sharpening

March: Finishes

April: Tool Making

May: Chattering Tool

Our INWT Leadership Committee is in the final stages of refining our By-Laws and position descriptions. This has helped us focus on some of the bare spots in the organization. If you have an interest in joining our leadership team and determining the direction of INWT meetings and events please join us for lunch the 3rd Thursday of the month at NoLi off Trent and Hamilton. The next lunch will be Jan 16th.

Update regarding Portland Chapter symposium. We have a firm date, March 6-8, 2015. Yes it is a ways off, but as my father always said, plan ahead as time moves quickly. The symposium will be held at the Linn County Expo Center in Albany, OR. The expo center is right on I-5 for easy access. The main hall where our vendors, instant gallery and banquet will be is 21,000 SF. The perfect size for our first symposium. We have 4 conference rooms for our demonstrators which will comfortably hold 70 people each. As for demonstrators, so far our lead demonstrators include Mike Mahoney, Trent Bosch and Kirk DeHeer. We have a few others in mind and still working on things. We shall also have several of our top regional demonstrators. There are ample hotel accommodations, two of which are on site and four others within 2 miles of the expo center. For those who want to fly in with their private planes, the Albany Airport is within 700 feet of the expo center. We are also organizing a spouses program which we hope to include egg painting, quilting, crochet, calligraphy, local tours and shopping and whatever else we can come up with.

Source for Black walnut.

Rounds of good length and milled kiln dried boards

Otis Orchards, Contact: Allen Rubin, 953-3757.

Big metal lathe used for wood turning available: contact Jim Wegenten, 924-0124.

Annual dues are payable beginning in January. As previously announced, dues have been increased to \$30 per year to cover increased expenses for chapter insurance and website maintenance and hosting.

INW ARTISAN SHOW TABLE



Lidded Canister and Vase
by
David Passo

INW ARTISAN SHOW TABLE



Segmented Bowl

By

Ron Gooley



Maple Bowl

By

Tom Kimball

(*Acer* sp.)

INW ARTISAN SHOW TABLE

Black Locust
Lidded Bowl
By Bob Weaver
(*Robinia pseudoacacia*)



Buckeye Burl Vase
By Mark Huender
(*Aesculus sp.*)

INW 2013 CHRISTMAS FESTIVITIES





BAM BIENNIAL 2014

KNOCK ON
WOOD

CALL FOR ARTISTS

EXTENDED DEADLINE: Applications must be received by January 4, 2014

Bellevue Arts Museum is seeking artists, craftsmen, and makers in the Northwest (AK, BC, ID, MT, OR & WA) working in the medium of wood to apply to the [BAM Biennial 2014: Knock on Wood](#) (October 31, 2014 - March 29, 2015).

Entrants are invited to take a creative approach to the medium and pursue the Biennial as an opportunity to push the boundaries of their vision and skill. Proposals for new work are encouraged.

[Download the prospectus for more details >](#)

[FAQ >](#)

[Download the Application >](#)

PRIZES

- > John & Joyce Price Award of Excellence
\$5,000 cash, plus solo exhibition at BAM
- > Samuel & Patricia Smith People's Choice Award
\$5,000 cash

JURORS

- > Greg Bell, Senior Curator at Vulcan Inc., Seattle, WA
- > Stefano Catalani, Director of Art, Craft, & Design, Bellevue Arts Museum (WA)
- > Albert Lecoff, Co-Founder and Executive Director of The Center for Art in Wood in Philadelphia, PA
- > Heather Sealy Lineberry, Senior Curator and Associate Director at Arizona State University Art Museum in Tempe, AZ

The [BAM Biennial](#) focuses on work by Northwest artists and craftsmen with an emphasis on current and new work. It is a juried exhibition, occurring every 2 years with a new theme. Check out the artists and award winners of [BAM Biennial 2012: High Fiber Diet!](#)

www.bellevuearts.org

Vancouver Island Woodworkers' Guild presents

Explorations in Wood 2014

Ogden Point Pier B, Victoria, BC

March 20 - April 5, 2014

\$3500 in prizes will be awarded

OVERVIEW

"Explorations in Wood 2014" Exhibition is a juried exhibition open to all woodworkers. Prizes will be awarded for artistic merit (\$500), technical merit (\$500), best overall (\$1000), peer's choice (\$1000) and people's choice (\$500). Work of a very high standard is being sought and woodworkers are encouraged to be very critical of what they submit.

Entry Deadline: February 28, 2014

EXHIBITION INFORMATION

Vancouver Island Woodworkers' Guild is presenting "Explorations in Wood 2014" to showcase the exceptional talent in woodworking in the Pacific Northwest. The exhibition takes place at Ogden Point Pier B, an easy-to-find venue that operates as the point of entry for cruise ship passengers during the summer months. We have over 2,000 square feet of exhibit area that includes ample parking just off the downtown core.

Additional information will be sent to you and will appear on our website soon - but meanwhile, save the date!

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Woodturners of Olympia, Wa.
2014 Creativity in Woodturning Symposium
FEATURING RICHARD RAFFAN
July 26, 2014 with Workshops

**Richard is retiring from the circuit and this is
your last chance to see Richard Raffan in person. Don't miss this opportunity.**

Coming Saturday, March 22, 2014!

CINDY DROZDA



**\$45 advance registration
\$50 at the door**
Registration fee includes a hot lunch,
beverages & snacks



"Beauty is important to me. I surround myself with the beauty of Nature. I love to work with the most beautiful and precious materials. In my artwork, I express my love of the beauty in our world".

See more of Cindy's work at:
www.cindydrozda.com



Location:

Anacortes First Baptist Church
2717 "J" Avenue
Anacortes, WA 98221
9AM-4PM

PRESENTED BY NORTHWEST WASHINGTON WOODTURNERS

Cindy will spend the full day demonstrating the techniques she has perfected to create her signature ***FINIAL STAR LIDDED BOWLS:***

- Natural & Sculpted Edge Turning.
- Elegant finials.
- Multi-Layers of color dyes to achieve stunning colors & patterns.
- Slides & discussion of her Works & Designs.
- Lots of time for questions & answers.



REGISTER TODAY!

ONLINE

<http://nww-2014-drozda-demo.bpt.me>

(\$2.57 Service Fee will be added)

BY MAIL

Mail \$45 along with your phone & email info to:

Greg Anderson
23607 Hidden Valley Road
Granite Falls, WA 98252

Please make checks payable to:
Northwest Washington Woodturners

FOR ADDITIONAL INFORMATION

Email: info@NWWW.T.ORG

Phone: Rick Anderson (360) 319-7600

How Wood Checks, Part 1

Trees require a tremendous amount of water while growing,. The weight of a tree may comprise up to 50% water¹. So, when the tree is harvested a lot of water must be removed before the wood is useable. Whether the wood will be used to heat your house or be made into a table or a goblet, the equilibrium moisture content (ECM) must be reached so movement in the wood stabilizes. Wood holds onto water in two forms: 1) the movement of water in the tree is by capillary forces. This is called free water. 2) the attraction of water by wood in the molecules of the cell walls. This is called bound water.

After the tree is harvested the it begins to dry. If the tree is milled the lumber is frequently dried in a kiln. This is a controlled environment drying process which attempts to minimize the stresses in the wood while drying. It does not eliminate checking and cracking, but does lessen the likelihood of them occurring.

As turners, we like to keep some pieces as large as practical. Any exposed wood will dry more quickly than where bark is still attached. Sometimes, a topical application is used on the exposed wood to slow the drying process. Ideally, we are trying to match the drying time of bark, so the entire piece of wood dries at the same rate.

That will not happen because the movement of moisture through wood is a slow, uneven process. The near surface wood will dry more quickly than the interior wood. Stresses build up as the moisture content varies. Excessive shrinkage occurs and the wood cracks. Figure 1.



Figure 1²

This is where it becomes complicated. We've all heard of tree rings, the annular rings representing one year of growth. Each ring consists of earlywood and latewood. And to confound matters a bit more, the core of a log is called heartwood and the outer layer is sapwood. Each has a drying rate, shrinkage amount and directions. We are looking at several drying rates, different shrinkage amounts, and different shrinkage directions. As a piece of wood dries stresses build in all directions and this is independent of whether it is a log or a milled board.

There is minimal shrinkage along the length of the log or board (longitudinal shrinkage). Radially, from the pith to the bark, shrinkage is in the range of 2% to 6%¹. The shrinkage which occurs between the earlywood and latewood in each annular is termed transverse shrinkage and is between 2% and 6%¹. And tangential shrinkage, shrinkage that follows the annular ring, is 2% and 10%¹. See Figure 2.

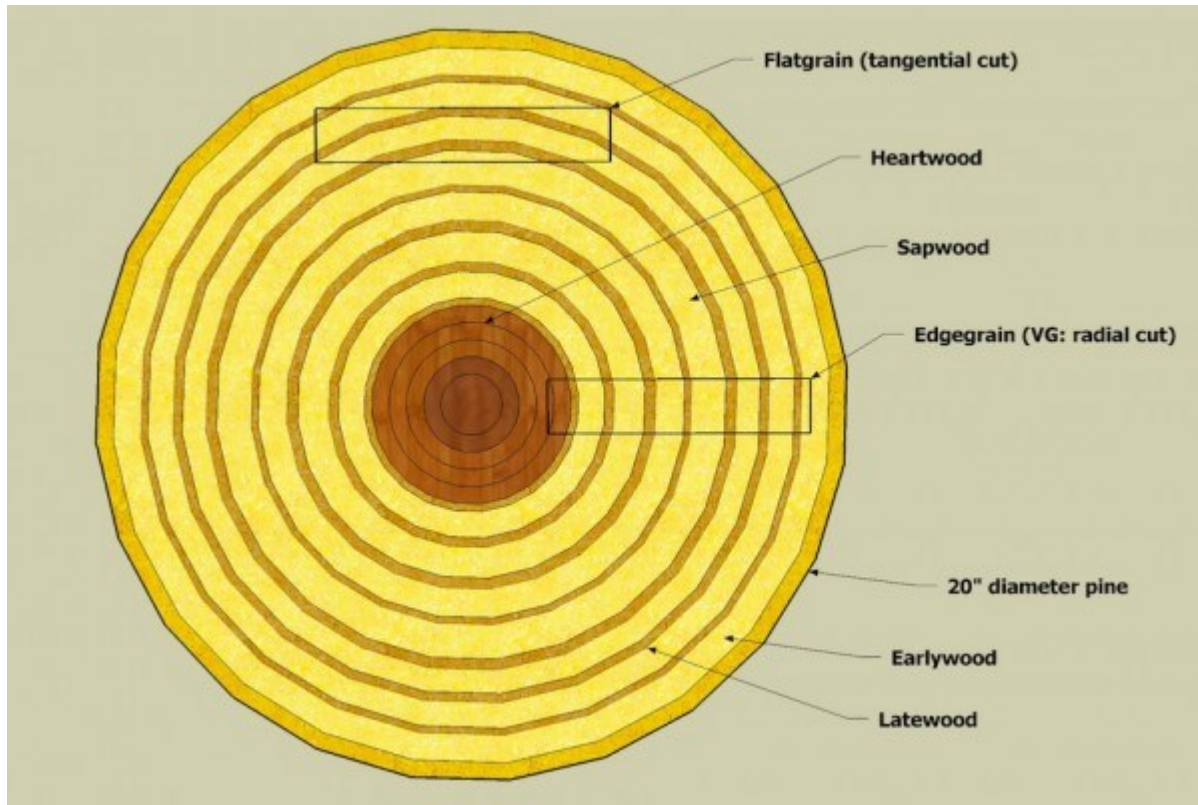


Figure 2³

¹"Wood drying." http://en.wikipedia.org/wiki/Wood_drying. Wikipedia. Web.

²Wandel, Matthias. "Measuring seasonal wood shrinkage." http://woodgears.ca/wood_grain/shrinkage.html. Web

³Hagstrom, Carl. "Understanding Moisture Content and Wood Movement." <http://www.thisiscarpentry.com/2010/09/03/moisture-content-wood-movement/>. Web. 3 Sept. 2010

⁴Esch, Aaron. "Drying Lumber." <http://logging.about.com/od/Lumber-And-Paper-Production/a/How-Moisture-Affects-Wood.htm>. Web

⁵Harde, Michael B. "Understand What Causes Checking in Solid Wood Floors." <http://hardwoodflooringmag.com/articles/article.aspx?articleid=1552&zoneid=1>. International Association of Wood Flooring Professionals, October/November 2011. Web

We invite contributions to the newsletter.
Or if you have other suggestions for our
newsletter please forward them to
Pat Hickey at patrico3808@gmail.com
or Shelley Hays at sandrhays@netscape.net

Here is the link to Sanja's photos of our December, 2013, meeting :

<https://picasaweb.google.com/101019839709703453331/INWWMeetingDec2013?authuser=0&authkey=Gv1sRgCM6bu4WLSbr5cQ&feat=directlink>

Sanja suggests that if the resolution of copied pictures is problematic, try downloading the jpeg files. You should be able to download the jpeg files by clicking on the RSS icon, which should be on the right side of the screen, right below where it says "Link to this album" and then "Embedded slideshow".