Shavings of

Providing an environment that fosters the art and craft of woodturning

January 2013





Events Calendar

Next Month Meeting: February 17, 2013 2:00 PM to 4:00 PM

February's Meeting: Bob Daily Demonstrating Turning Spheres 2013 John Jordon Demo Saturday, April 27, 2013

Details to Follow

The "Detroit Area Woodturners" (DAW) is a local chapter of the American Association of Woodturners (AAW). The AAW is an international, not-for-profit organization dedicated to the advancement of the woodturning craft. Our mission is to provide information, education, a meeting place, and an effective organization for all who are interested in turning wood.

http://www.woodturner.org/

A Publication of; DETROIT AREA WOODTURNERS http://www.detroitarea woodturners.com/

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In The News

DAW Scholarship

Changes to the DAW scholarship fund have been instituted. Since most educational programs take place in the spring and summer, response to the issuing of a scholarship will take place by the March meeting. This will require all applications to be received by the February meeting. And remember, this educational scholarship is for up to \$550.



Please see our website for a PDF copy of the DAW scholarship application.

Click for a copy

February Meeting

Our February meeting is scheduled for February 17, 2013 at 2:00 PM.

February will feature Bob Daily as our presenter.





He will be demonstrating turning spheres. Bob's demos are always of great interest and a crowd favorite.



DAW hosts John Jordon

John Jordon

John Jordan is a woodturner from Cane Ridge (Nashville), Tennessee. Known primarily for his



textured and carved hollow vessels, John has been featured in nearly every major turning exhibition in the past twenty years. His work has received numerous awards, and is in the permanent collections of many museums and corporations, including the Renwick Gallery of the Smithsonian, the High Museum of Art in Atlanta, the American Craft Museum in New York City, the White House in

Washington, the Los Angeles County Museum of Art, the Mint Museum of Craft + Design in Charlotte, the Fine Arts Museum in Boston, and the Detroit Institute of the Arts and the prestigious Victoria and Albert Museum in London, England.

John is in great demand as a demonstrator/teacher, traveling extensively teaching at universities, craft schools, turning groups and trade shows throughout the US, Canada, the UK, France, New Zealand, Australia and Japan, including an annual week or two at world famous Arrowmont school of Arts and Crafts, Anderson Ranch Arts Center and Center for Furniture Craftsmanship in Maine.

His work is frequently seen in publications in several countries as well as articles written by him. In addition to his most recent video on the aesthetics and properties of wood, he has also produced two previous best selling woodturning videos, which received very favorable reviews.

John's pieces are initially turned on the lathe, from fresh, green logs, using a number of techniques and tools that have evolved over the years. Each piece is then hand carved and textured, using a variety of different hand and small powered tools. This texturing process is very labor intensive, and can take as much as several days to weeks to complete. There is little room for error during this carving- one small slip can ruin the piece. A light lacquer finish is applied to most pieces, including the dyed work.

The President's Corner



A special **"Thank You"** to Paul Neuburger, DAW Member who has offered to fill the position of "video operator". Please take a

moment, to thank

Paul for volunteering. He is willing to learn what is required and take the extra time to help make the Detroit Area Woodturners one of the best clubs in Michigan.





Ross Holmes President

Around Town

Turning Around America



"Sharing mobile arts education to and for the community."

DAW along with Woodcraft, Penn State Industries, woodturningonline, Boulter Plywood, and many others to support woodturning in areas of need. TAA, is a collaborative effort, and our mission is to empower people, person to person, hand to hand. We see the value of teaching art in all communities, at a time when so many art and craft programs have been cut. It is important for our individual and collaborative art practice to teach and travel. A mobile unit allows us to reach diverse audiences and to experience a larger number of people. The DAW has donated \$300 to this organization. Please follow their progress at;

http://www.turningaroundamerica.com/



DAW Meeting, January 2013

Sunday, January 20, 2013



Russ Holmes opens the meeting with a warm welcome to everyone in attendance and also welcomes several

visitors. With a larger than average number of show and tell items Russ quickly moved everyone's attention to the "show and tell" portion of the meeting.

DAW Scholarship

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Treasurer's Report

Philip Stevens, our newly elected treasurer gave



a year-round treasurers report. The report presented how the monies taken in for memberships and raffle tickets assisted in offsetting our costs. For 2012, the DAW operated almost exactly even, income to expenses. Phillip's presentation broke down by category how the monies were used within the DAW.

Shadbush Nature Center

Russ Holmes presented a check for \$1000 to Lauren James, the Nature Center Recreational Supervisor.



Shadbush Nature Center provides our organization with a meeting area, tables, chairs, and a storage facility for our lathe. All of the employees of Shadbush offer assistance with whatever needs we may have in regards to our meetings.

Lauren took time to come into our meeting and thank everyone for the donation. She explained their limited budget and how much this helps their organization.

DAW Club Website

The DAW Club Website is now located at: <u>http://www.detroitareawoodturners.com</u>

Newsletter

Please let me know what you would like see in the newsletter. <u>rmeeker26@gmail.com</u>



Segmented Turning with Dennis Montville

Segmented Turning with Dennis Montville is a lesson in preciseness. A combination of jigs, techniques, and an understanding of "out from center" is what impressed me. His magnetic board and pieces gave a visual perception of the effects one is trying to achieve. Dennis was kind enough to make many of his presentations available to all of us on our resource page of our website. So rather than misinform everyone with my reporting of this rather exacting technique to segmenting, I'm going to list all of the titles of these presentation pieces and provide a link to the website. (See the lower right section of this page for the information.)















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"Show & Tell"





Jack Parmenter





Alfred Schembri



Paul Neuburger



Chris Daniels

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"Show & Tell" (cont'd)



Chris Daniels



Craig Drozd



Gary Clay



Ken Kiernicki



Mike Leneway



Gary Clay

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"Show & Tell" (cont'd)





Philip Stevens





Ray Frase





Larry Westphal

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I wonder if any remembers the website with a good price on ebony?

http://www.gurianinstruments.com And then search: ebony dowels





Jerry Bufalini





John Vekovius





Roger Meeker



Russ Holmes wants you for breakfast



There is a breakfast get together Every Tuesday Morning at 8:00am, held at the Avenue Restaurant on Woodward Ave at 13 Mile Rd.

All are welcome.

There is a breakfast get together on the fourth Thursday Morning at 9:00am,held at The Corner Clock Restaurant on Hays & 23 Mile Rd.

All are welcome.

Reasons to join AAW

Benefits for all AAW members and membership types:

- Six issues of American Woodturner annually
- Access to all past issues of American Woodturner, online through the website Members Area.
- Marketing opportunities on our website for artists, collectors, galleries and museums
- Group rates for health and life insurance (US members only)
- Group rates for commercial business insurance (US members only)
- AAW members receive bodily injury insurance for chapter-affiliated demonstrations or events under the liability insurance that AAW provides to local chapters
- Eligibility to apply for AAW Educational Opportunity Grants
- AAW Forum and member-only access to articles and resources on our website

Faces in the Crowd







DAW Photographer



Faces in the Crowd



























Faces in the Crowd





For Sale

For Sale: Delta 37-280 6 inch Jointer



Delta 37-280 6 inch Jointer \$75 Belt Guard Missing otherwise in good condition 6-inch cut capacity width and a 1/8-inch cut depth Single Phase, 1hp motor Contact Greg Smith 248-649-3565 Greg Smith <u>GregSSmith@aol.com</u>





Shop Talk and Tool Tips

DIY Faceplate Caliper

by Larry Litwin ~ Found on WoodCentral

The following set of postings illustrates and describes how to make the most useful caliper for faceplate work that I have used. If you buy it from a catalog they cost \$50 plus shipping. There's also something that recently came out that works on the same principle but costs \$70 plus shipping. If you make the one described below it costs about \$5 if you use brass rod and less than \$3 if you use steel rod. Everything can be found in any hardware store. You can modify the plan to make it custom suited for very wide flatish turnings (big plates & platters) or very deep narrow turnings with small openings (hollow forms). You can make it as big or small as you want. It takes less than a half hour to put together.

Materials list:

- three feet of $\frac{3}{16}$ " brass (\$4.49) or steel rod (\$1.79)
- one cable ferrule (\$0.49)
- two drops (nominal) of thin CA glue (cyanoacrylate—Super Glue)

Hint: When you get to the hardware store grab the rod first. Then check to make sure that it slides through both holes of the ferrule. These parts aren't machined to fine tolerances.

Note 1: In case you don't know what a cable ferrule is—it's a coupling used to make an end loop in wire rope. You pass the wire rope through one channel and back through the other in the opposite direction, leaving the size loop that you want. You then crimp the ferrule to hold the wire rope. (A picture of a cable ferrule is at right.)

Note 2: All bends described are made in the same plane. In other words the bent rod always lies flat.

Note 3: Please don't take offense at the detail. I realize most of you could do it from the pictures alone. The detail is for those who might need it. Step by step instructions are in the following posts, along with photos.





1. Take the rod and bend it to 90° about 1¼" from one end. A vise is very handy for this but it can be done with vice grips or heavy pliers.

2. Bend an approximate semicircle ending up with the straight portion of the rod at 90° to the original bend. This bend can be easily done by hand. (See picture at left.)

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3. Line up a square and make sure that the bend is at a clear 90°and mark the straight portion of the rod (opposite the first bend) where the straight edge crosses.

- 4. Bend the rod at 90° back toward the first bend.
- 5. Tweak the bends to get the first bend and the return bend to lie parallel and just touch.

6. Once you get everything bent, dry fit the ferrule.(See picture at right.)

7. Put a mark on the return bend where you want the caliper points to meet.



8. Cut the rod with a hacksaw on the mark.

9. Remove the freed straight section of rod. Grind both cut ends roughly spherical (round off the cut ends to smooth them and give a more or less single contact point). (See picture at left.)



10. Position the ferrule on the first bend with the open ferrule chamber up and make sure that the ferrule is in the same plane as all the bends. Put a drop of thin CA on the lower side of the the rod that is through the ferrule (on both sides of the ferrule). The CA will be drawn into the ferrule by capillary action. Note: You could also hammer the side of the ferrule that holds the first bend. I did that with the first one I made. I find the CA to be easier and look better. Note: You want the part of the ferrule that's going to house the sliding rod on top so you minimize any leakage of CA into it.



11. Once the CA has set. Saw off the excess part of the first bend that sticks out of the ferrule (on the side where the sliding rod will be inserted).

12. With a $\frac{3}{16}$ " drill carefully "size" the open part of the ferrule to clear any burrs or CA that might have leaked in.

13. Sand the straight rod with about 100 or 120 grit sandpaper. Lubricate the straight rod with something. You could use paste wax, Armor-All, Graphite, etc. I'm partial to Pedro's Extra Dry Chain Lubricant (it's used for mountain bike chains)

14. Insert the rod and tweak everything till you get a good point to point contact.



15. At this point you can find a rubber cap, some rubber hose, or some old aquarium hose with the right inside diameter and push it over the outside of the sliding rod all the way up to the ferrule so it touches when the caliper points touch. I do it this way so I can *re-calibrate*, if necessary. Other alternatives are to wrap tape around the rod at the ferrule, or mark a scale on the rod with a triangular file. I'm not obsessive/compulsive and seeing that the thickness is about 1/4" is good enough for me. I don't need to know that it's really $\frac{9}{32}$ ". Besides, if I really want to know I can measure the gap with a ruler.



This picture shows the caliper being used to measure the side thickness. Note: This (obviously) can be done while on the lathe as well.

Here we see the caliper being used to measure bottom thickness. Note: Perhaps not so obviously, this can also be done while the bowl is on the chuck by working through the gap in the jaws.



Commentary on "DIY Faceplate Caliper" by Roger Meeker, Newsletter Editor

Here are a few samples of the calipers we made (Ken Kiernicki, Jack Parmenter, Alfred Schembri, and me, Roger Meeker. They're easy to make, they work great, and can be made for different measuring situations.

Finally here is the caliper being used to determine bottom thickness of a reverse chucked bowl working through spaces in the





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Cole jaws.





I've been to Alfred's shop many times and it's always fascinating, but before we take a tour let's learn a little more about Alfred.

Alfred's been married for 37 years to his lovely wife Pamela, they had 2 children Andrew who's 27 and Alison who is 32. Alison is married and has one son 3 years old. I'm sure by the time Alfred's grandson turns 5 he'll be more technically advanced at turning than most of the club members. Alfred is originally from Malta, educated in Malta through his college years. He worked in the hotel industry where he originally met Pam and on a side note, he played a little semi pro soccer. Upon moving to the US Alfred worked at a tier 1 automotive prototype shop, both as a machinist and the shop operations manager. He eventually ended up working for General Motors where he retired about 4 years ago. Enough of the background info, let's get down to shop talk.

attached two-car garage. He built a standalone 2 1/2 car garage to house his baby "a shiny bright red Corvette".



When I 1st saw this photograph I asked Alfred, "was he riding a chicken or were those his legs". When you 1st walk into a shop, directly to your right is a Powermatic band saw and his 3520 Powermatic lathe. As you can see in the next photo on the next page.

Alfred's shop is located in what used to be an





If you look straight ahead when entering the door you'll see his table saw, miter box saw, and joiner.



The back wall is an array of shelving. Beneath the table saw extension is a bank of drawers and if you look close enough you'll notice whenever he had an opportunity to add drawers, he did.



Ron Sztumerski is seen in the foreground drinking what he claimed was bottled water. Every time he was asked, "are you sure that's water" he answered, "Absolut lee". Kitty corner to the outside entrance of his shop you can see the entrance into his home plus some additional storage and an automotive tool cabinet.



On the far right of this photo you'll see his workbench. In the next photo you can see the same area from a different angle.



Making full circle of Alfred's shop we come back to a better view of the lathe work area. He has multiple



banks of racks to house his wood turning chisels, he has a bank of drawers to house sandpaper, and a



sanding station on a movable cart of drawers. And



in this corner you'll find dust collection, air compressor, supplemental gas heater, and a bench mounted drill press. The next few shots show wood storage and rough cut bowls.





I almost forgot to show Alfred's newest edition to the shop. It's a Powermatic air filtration system, works on a remote with 3 different levels of air cleaning. I personally can attest to its functionality on removing most of the dust particles from the air.



If you go into the new garage where "baby" is housed, you'll see a portion of the wood Alfred plans on turning.



It runs the length of the garage, roughly 4 1/2 feet high and 2 to 3 rows deep.

Alfred is definitely organized and knows where every single thing in his workshop belongs, everything has a home. What's a little different with Alfred's organization is neither myself nor Jack Parmenter can figure out where anything is located. When we ask Alfred, he almost always says, "in the 3rd drawer from the top on the right-hand side". Alfred's workshop is always open to anyone who's willing to learn turning techniques, in my opinion he's the most proficient technical turner in the club. If you ever have a mechanical question, he's the guy to ask.

Alfred has become a very good friend, if it's within his power he's willing to help, truly a good person and an incredible woodturner.

Watch for the next installment of "Shop Visits"!



Before Chainsaws - Mind Blowing Stuff

Story Submitted by Glenn McCullough



Logging Monster Trees

Today's post is an amazing look at a period of our history that wasn't that long ago involving the challenges loggers faced every day to earn their wages. Remember this the next time you think your job is demanding.

Before chainsaws were invented, the logging industry in the United States & Canada was a seriously challenging occupation and we are only talking about 125 years ago. In the Pacific Northwest there were forests full of monster trees and cutting them down was done by hand. A friend sent me these photos and I had to share them with you.

Look at the length of the two-man hand saw and heavy duty axes they used to drop these tremendous trees. It is almost inconceivable to think of cutting a tree this size with a hand saw.



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The work required very strong men (and horses) working long days for minimal pay. Could you imagine doing this to earn a living?





After a tree was finally felled it took a week or more to cut it up into sections that could be managed (somehow) and transported by train to a lumber yard.

Maneuvering the logs down the mountain to the train was a complex job. I didn't do any research on this, but I would be willing to bet that many men lost their lives doing this dangerous work. One slip and a hunk of wood as big as a hotel is rolling your way! The other question that begs an answer is how did they get those logs onto the flatbeds of that train?



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Hollowed out logs became the company's mobile office. Can you imagine stacking such logs to build a log home? Two courses would produce a 30 foot ceiling. Maybe that's why it was easier to hollow out a tree.

A long time before anyone ever thought of a mobile home or RV hollowed out logs were also used to house and feed the logging crews.



We are accustomed to our modern conveniences like electricity and gasoline powered chainsaws, and it is always such a mind-boggling experience to see how such monumental tasks were performed before these conveniences appeared on the scene.

Commentary on "Before Chainsaws - Mind Blowing Stuff" by Roger Meeker, Newsletter Editor

Could any of this wood fit on Ray Frase's lathe? The answer, yes absolutely! In fact, the image (directly above) of the RV was one of Ray's very 1st hollow forms.



Common Name(s): Box Elder, Boxelder Maple, Manitoba Maple, Ash-leaved Maple

Scientific Name: Acer negundo Distribution: North America (most commonly in central and eastern United States)

Tree Size:35-80 ft (10-25 m) tall, 1-2 ft (.3-.6 m) trunk diameter Average Dried Weight: 34 lbs/ft3 (545 kg/m3) Specific Gravity (Basic, 12% MC): .42, .55 Janka Hardness: 720 lbf (3,200 N) Modulus of Rupture: 8,010 lbf/in2 (55.2 MPa)* *Estimated bending strength from data of green wood at: 5,220 lbf/in2 (36.0 MPa) Elastic Modulus: 1,050,000 lbf/in2 (7.24 GPa)* *Estimated elasticity from data of green wood at: 870,000 lbf/in2 (6.00 GPa) Crushing Strength: 4,950 lbf/in2 (34.1 MPa) Shrinkage:Radial: 3.9%, Tangential: 7.4%, Volumetric: 14.8%, T/R Ratio: 1.9

Color/Appearance: The sapwood of Box Elder is typically a pale white, sometimes with a yellow/green hue similar to Yellow Poplar. The heartwood is a grayish/yellowish brown, frequently with red or pink streaks. The red coloration is due to a pigment found in a fungus (Fusarium negundi) that commonly afflicts the tree. Much of the reddish coloring becomes a more subdued pink or brown/gray upon drying.

Grain/ Texture: Has closed pores and a fine texture. The growth rings are usually faint and non-distinct.

Rot Resistance: Poor durability, rated as non-durable to perishable. Heartwood is subject to heart rot and insect attack.

Durability: Apple is rated as non-durable for heartwood decay.

Odor: Box Elder has a distinct and unpleasant scent when wet, which mostly subsides once dry.

Workability: Easy to work with both hand and machine tools. Turns, glues, and finishes well.

Allergies/Toxicity: Box Elder, along with other maples in the Acer genus have been reported to cause skin irritation, runny nose, and asthma-like respiratory effects.

Price/Availability: Seldom used or available in lumber form, Box Elder is occasionally harvested in small quantities by hobbyists or specialty sawmills. Prices should be moderate given Box Elder's commonness, though figured pieces and/or burls are likely to be more expensive.

Common uses: In woodworking, Box Elder is used mainly for ornamental and decorative purposes, with lumber exhibiting reddish pink heartwood streaks being the most commonly seen. Dyed/stabilized burl blocks for use in turning projects are also offered. Common uses include: turned objects, small ornamental objects, wood pulp, charcoal, boxes, and crates. Comments: Sometimes called "Ash-leaved Maple" because of it's non-typical leaves, (see below), Box Elder is technically considered a maple tree (Acer genus). It's lumber is softer, weaker, and lighter than almost all other species of maple, and Box Elder's overall strength, as well as it's strength-to-weight ratio are poor.

Scans/Pictures:

Box Elder(sanded)









Box Elder (leaf-illustrated)





Links **Suppliers**

Hartville Tool http:/www./hartvilletool.com 800-345-2396

Woodturning Supplies **Craft Supply**

http://www.woodturnerscatalog.com 800-551-8876 Woodturning Supplies

Packard

http://www.packardwoodworks.com 800-683-8876 Woodturning Supplies



Klingspor http://www.woodworkingshop.com

800-228-0000 Abrasives and woodturning supplies

2Sand.com http://www.2Sand.com 877-644-7445 Sanding Supplies

Choice Woods

http://www.choice-woods.com 888-895-7779 or 502-637-1190 Wood, Turning Stock, supplies



Landfill Lumber

www.landfilllumber.com 586-563-0441 Victor Lewandowski - Wood, Turning Stock

Richard Lauwers 810-724-2263 Kiln dried oak and maple



Rockler http://www.rockler.com 800-279-4441

Woodworking and Hardware

Woodcraft http://www.woodcraft.com 800-225-1153 Woodworking and Hardware

The Sanding Glove http://www.thesandingglove.com 800-995-9328 Sanding Supplies

Log 2 Lumber - Chuck Lobaito www.loa2lumber.com 248-535-5035 log2lumber@gmail.com Portable Saw Mill

When ordering be sure to inform the store of your Detroit Area Woodturners membership (Discounts may apply - usually 10% or Club Credit)

Links -Woodturning Information

AAW - National Organization American Association of Woodturners

Detroit Area Woodturners (Shelby Twp, MI) Web Site: http://www.detroitareawoodturners.com/

Grand River Woodturners Guild (Grand Rapids, MI) Web Site: http://www.grandriverwoodturners.org

Arrowmont School of Arts and Crafts Web Site: http://www.arrowmont.org/

John C. Campbell Folk School Web Site: http://www.folkschool.org

Al Stirt: Woodturner, Artist and Teacher Web Site: http://www.alstirt.com

Michigan Association of Woodturners (Holly, MI) Web Site: http://www.michiganwoodturner.org

- Blue Water Area Woodturners (Richmond, MI) Web Site: http://www.bluewaterareawoodturner.org
- Ohio Valley Woodturners Guild (Cincinnati, OH) Web Site: http://www.ovwg.org

Marc Adams School of Woodworking Web Site: http://www.marcadams.com/

Woodcraft of Sterling Heights (586) 268-1919 Web Site: http://www.woodcraft.com

John Jordon Woodturner Web Site: http://www.johnjordanwoodturning.com



Need Your Help

From the Editor

Articles are due at the monthly meeting, for example submit at or before the October meeting for the October Newsletter and should be submitted to Roger Meeker at <u>rmeeker26@gmail.com</u>.

Member Projects

If you have a woodturning project that you would like to showcase to our club members, you can send me detailed information about your project with pictures.

Articles on New Woodturning Techniques and Tools

If you come across an article or wish to write an article on a new wood turning technique or if you care to write a review or forward on review of a new wood turning tool. Any photos would be helpful.

Shop Talk

Everyone has a different way of doing things in their shop and everyone's shop is different in many ways; whether it's size, location, or physical layout you are probably doing something that would be helpful for others to see.

Members Questions & Answers

Members are asked to submit woodturning, finishing and tool questions to our resident experts to answer. There are no dumb questions, someone else in the club may have had the same questions.

Classified Ads

Ads for woodturning and woodworking related items are free to members. Send detailed information with pictures.

Wood to Turn

Do you have wood, need wood or know about wood that is available for turning? Let me know and I'll pass it along

From the Editor, Again

Let's make this newsletter something interesting, if you send it, we'll publish it.

Footnote

If possible, please send a digital file (I don't type very well). Thank you!