

November 2018

Membership

2019 Dues will be \$30 and we will be collecting them at the December and January meetings.

The next meeting is on December 12.
See you there!

Wood Turning Lessons

At the last meeting we discussed an anonymous donation for a day of woodturning lessons with Dick for a beginning turner. We had 5 submissions to be in the drawing and the winner of the lessons is Dan Bevilacqua. Congratulations, Dan!

Club Challenge

The club challenge for last month was to make a turning from a fir 2x4 OR a Mortar and Pestle. The submissions were great! See the pictures later in the newsletter. The challenge for the December meeting is to make an ornament. We will have our usual drawing for a \$10 Craft Supplies gift certificate.

The December meeting is when we draw a lucky ticket from all the club challenge tickets for the year (yes, we have been keeping them) for a \$150 Craft Supplies gift certificate! So, bring your ornament for an additional chance at the big drawing, Note that you do not need to be present to win – all tickets from all the challenges have a chance at winning.

Finances

At the last meeting we had two donations totaling \$150 and \$60 from the wood raffle for \$210 in income.

We had no expenses this month which brings the club balance to \$1112.54



Member Bio – Tracy Casselman

Tracy is a founding member of the PVWA and currently serves as the club vice-president.

I was raised in central New York and like many kids growing up in the 1970s, I first encountered woodturning in high school shop class. My first project was a lamp. Fast forward 25 years and I am sitting in a deer stand, in the Upper Peninsula of Michigan, contemplating life.

My father had just retired, without a hobby, and was spending his time watching TV and waiting for the next side job (he was a heavy equipment operator). I realized then that I need something to do when I retired and that if I wanted to be good at anything by then I needed to start now. So I visited with a local woodturner, who helped me turn a bowl. Then I bought a lathe and began making shavings. I was hooked!

After a year of struggling on my own I met Steve Promo who introduced me to Gary Wiermiller. I took a one-day class with Gary that turned woodturning from a struggle to fun. A year later Steve and I started the Hiawatha Woodturning Club. The club is still going strong.

My academic training is in Forest Biology and Wildlife Management. I have spent the last 25 years working for the US Fish & Wildlife Service and currently supervise the staff at 5 National Wildlife Refuges in southern Idaho. I am blessed with a wonderful wife of 22 years and two beautiful daughters who love to learn. Together we enjoy most any non-motorized outdoor activity. Except looking for wood; I've burned them out on that one.

Learning to turn in the UP, I was privileged to have free access to an abundance of high-quality hardwoods. My friends were foresters and loggers who allowed me to scavenge from their job sites and told where there was good material for the taking, especially burls. Initially I focused on bowls. Then I met Bill Hussey, a woodturner from the hill country of Texas. Bill and his wife spent summers in the UP and he always brought his Jet mini lathe. Bill taught me that, at craft fairs, the money is in the small stuff. From him I learned to make spinning tops and bottle stoppers.

I moved to Idaho nearly 10 years ago and have spent most of my free time during the past decade with my girls. As they have grown and gained independence I am finding more time to turn, but boy am I rusty. I am extremely thankful to Bob, Kelly and Dick for pulling this club together and to all of you who make it fun.

WOOD FINISHING – SHALLAC & LACQUER

(Part Three)

By Dick Anderson

In the last newsletter we covered oils, varnishes and blends of oil and varnish. Oils are usually classified as non-curing, partial curing and curing, which describes the degree of reaction of the oil with oxygen to harden.

Other common woodturning finishes include shellacs and lacquers, that harden or cure through evaporation of a solvent rather than oxygen reactive. Shellac flakes are dissolved in denatured alcohol that evaporates leaving a surface finish rather than a penetrating finish. Lacquer is a synthetic of cotton or wood cellulose dissolved in an acid then mixed with a resin and an oily plasticizer to allow for movement in the wood.

Shellac is a multipurpose alcohol-based finish with some good and some bad qualities. It is easy to apply, dries fast, brings out the character and beauty of the wood grain, and being food safe is used as a coating on candies and medicines. On the flip side it cannot be used as a wipe-on finish over alcohol based dyes, has poor resistance to water, alcohol, alkali and heat, and it has a shelf life. If not fresh, shellac will not work well as a sealer under a lacquer or varnish finish.

Fresh shellac is a good wood sealer, especially on oily woods such as rosewood, tulipwood, cocobolo, bubinga, padauk, and ebony, however I prefer lacquer when I want to seal a turned wood. I have used a 'sanding sealer', which is lacquer with a stearate additive that serves as a lubricant for sanding. Sanding sealers have been reported to weaken the bond with a final finish of oil or lacquer or varnish; however, I haven't found much difference. My primary finishes include Tung Oil, lacquer, Mahoney's walnut oil and cyanoacrylate.

Lacquer: Acrylic lacquer is a finish intended for steel thus is applied to automobiles, because it cures hard and has little flexibility compared to nitrocellulose lacquer. Because wood moves with moisture changes it requires a finish with flexibility or cracking of the finish can occur. Wood finishing lacquers are easy to apply with sprayers or by wipe-on, are quick to dry, successive coats will blend with the previous coats if applied in the right time frame, and works well as a wood sealer. The disadvantages of lacquer are its toxicity, flammability, and limited resistance to acids, alkali, solvents and scratches. On non-tereen ware I will often use lacquer as a sealer under my oil finish.

I prefer using a wipe-on lacquer finish on small woodturnings such as pens, bottle stoppers, finials, etc. However, on pens made with very unique, colorful, stabilized and exotic woods or antler I will apply a cyanoacrylate finish.

More information on finishing is available in either Bob Flexner's or Michael Dresdner's books.

November Demo on Ornaments

By Dan Bevilacqua

Dan did his first ever demo at the November meeting on Christmas tree ornaments and did a great job.

Watch the video at <https://youtu.be/zhb1Ls4VSuo>



November Demo on Ornaments

By Dan Bevilacqua



The 2x4 Challenge



The 2x4 Challenge



The 2x4 Challenge



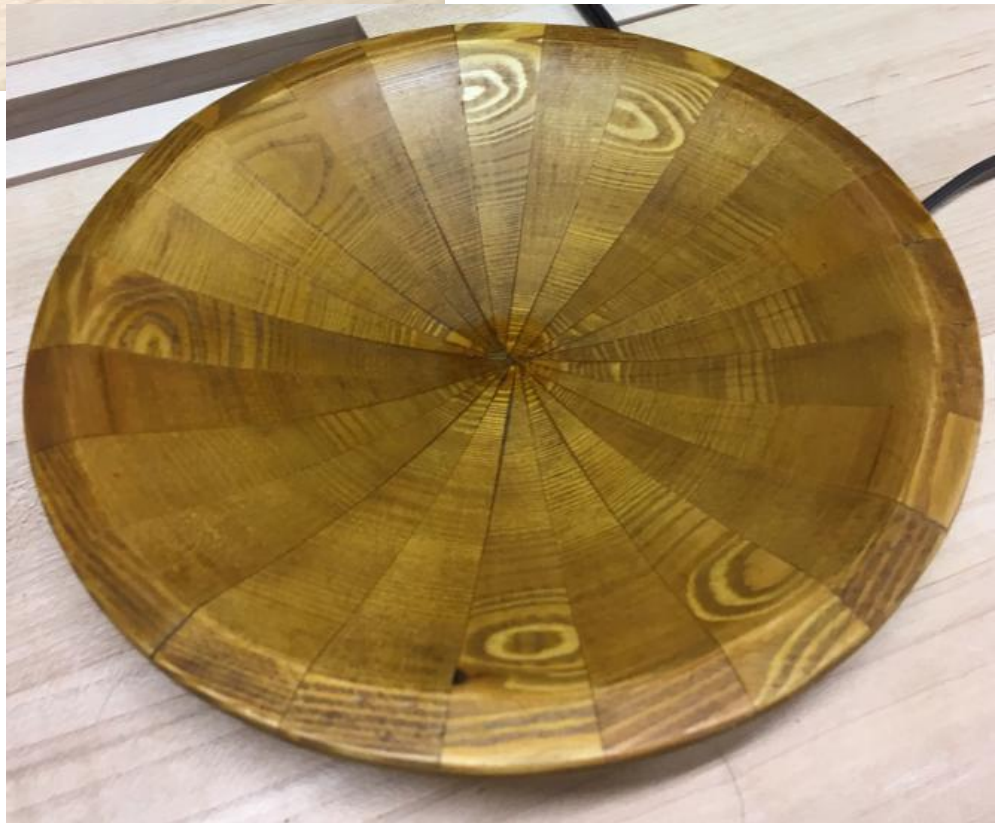
The 2x4 Challenge



The 2x4 Challenge



The 2x4 Challenge



Mortar and Pestle



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