



Space Coast Woodturners

Newsletter of Space Coast Woodturners – July 12, 2023

Submitted by Paul Jackson – Secretary .

Russ Bremmer opened the July meeting of the Space Coast Woodturners at 7 PM at Melbourne Makerspace. There were ~16 people at the meeting in person, including three visitors: Jim Tramontana, Harold Friddle, and John Bordewin. 7 members joined on-line via Zoom.

Old Business

We have enough pens on hand for most of the Honor Flight events through the rest of the year. We are putting together an order for more pen kits and bushings. Anyone interested in turning pens to contribute can pick up kits at the next meeting.

New Business

Russ reminded us that we are a sponsoring club for the Florida Woodturning Symposium. In the past, excess symposium funds were distributed to the sponsors for educational expenditures. Under new rules, these funds can only be distributed to organizations recognized by Florida as non-profit. John Conway has done some initial research into what this entails. The first step is to register as a corporation. Sally Deabenderfer has created an initial draft, but this requires a fee and annual renewal costs. Paul Jackson moved that the club proceed with the registration. Bill Lutian seconded the motion. The discussion noted that distributions in the past were typically around \$1,200, more than offsetting the registration costs. The motion passed and the effort will proceed.

Treasurer

Sally Deabenderfer reported that the club had \$4,409 in the treasury.

Vice President

John Conway is recovering from back surgery and did not attend. Russ noted that the schedule is pretty much set for the year, but we don't have any workshops planned.



Secretary

Paul Jackson reminded members that a 10% discount is available for in-store purchases at Rockler in Altamont Springs. When checking out, let them know you are a member and they will note it in their log. Note that Space Coast Woodcarvers also participates, so make sure the right club gets logged. After 20 purchases, the club will receive a gift card. The nearby Woodcraft also offers 10% discounts to members, but no further club incentives.

Show and Tell

Russ Bremmer	Wire wrap – Tree of Life. Brass and copper wire, walnut frame Knife and Sheath. Antler and leather Mushroom with live-edge cap. Cedar
Bill Lutian	Lidded Umeke Box. Cindy Drozda design, unknown wood
Ric De Torre	Urn. Cedar (hurricane salvage) with poplar top and base. Custom blend polyurethane and linseed oil finish
Chris Urban	Pen. Deer antler Pen. Resin casting

Demonstration – Jeff Hornung (Remote) – Morocco Blue Bowl

Jeff participated via Zoom and introduced himself from his shop in St. Louis. He is the proprietor of The Walnut Log: <https://thewalnutlog.com/>

He advised that club members can get a 10% discount on orders with the coupon code “spacecoast” (all one word) through August 12. He is featuring Chameleon powders and flakes, an iridescent colorant typically applied over gold leaf sizing.

Jeff also advised that he was recording the demo and will provide a link to the edited video once it is ready. Once we have the link, we will post it on the website in a member login protected area to respect Jeff's intellectual property.

Jeff began with a blank of kiln-dried maple. He prefers grade A, with very little figure, since the piece will be heavily textured and colored. Ash or white oak are other options, but the open pores may compete with the texturing when applying the liming wax. The blank is sized for an open shallow bowl to allow access for the texturing tools. The blank is drilled and mounted on a worm screw in the chuck. Jeff used a bowl gouge to true up the outside and used a series of pull cuts to rough out the shape of the bowl exterior. He then moved the tailstock out of the way and used push cuts (bevel supported) to clean up any tearout and refine the shape. He then formed a foot and prepared a recess so the piece can be reversed later and held in expanding jaws. Jeff prefers this to a tenon so he can texture and color the entire bottom and not need to match colors after removing the tenon. The dovetail of the recess was formed with a wide parting tool ground on an angle matching the dovetail on the jaws.

Jeff recommends sanding only to 220 grit. Higher grits may burnish and heat the wood which may affect the penetration of the dye. The texturing is done with the large and small Sorby Spiral and Texturing tools. The small tool does not have a bearing and the cutter spins on a brass screw. Jeff orients the cutter so the bevel is opposite the screw to prevent it from loosening while in use. The tool rest must be adjusted so the center of the cutter is at the spindle center. Turn at 500 rpm for both sizes of tools. The cutter must be held in place against the wood until the pattern is established. Pulling away and reintroducing the tool will ruin the cut.



Jeff began his design at the center with the small tool, cutter vertical, and the handle at ~45 degrees to the lathe center, holding it until a pattern of petals emerged. The second cut was with the cutter vertical and the handle aligned with the lathe center producing a series of radial cuts. Jeff outlined these with grooves cut with a diamond point carbide tool. He noted that the point is sharp, with no radius. He continued texturing, showing the effect of adjusting the angle of the cutter and the angle of the handle. The tool may want to skate to the left, so minor adjustments may be needed. Keep the handle of the tool in the horizontal plane parallel to the lathe bed.

When at about 6" in diameter, Jeff switched to the large tool. The single bevel cutter behaves like the small one. A double bevel cutter held vertically produces a band of dots. At the high point in the curve of the bowl, more end grain is in play increasing the risk of tearout. Jeff used the double-bevel cutter and moved it back and forth to create an orange-peel effect in this area to hide any tearout.

Once the texturing was done, Jeff increased the speed to 700 rpm and used a handful of shavings compressed into a ball to burnish the piece. The dye used was Chestnut Spirit Stain (alcohol-based). You can mix your own with Trans-tint, but Jeff prefers the consistency of the prepared dye. Jeff applied the royal blue dye to the piece with a Richeson atomizer (<https://www.dickblick.com/products/richeson-atomizer/>)

He wore goggles and ran the lathe at 250 rpm. It doesn't need a lot, but ensure good coverage in the valleys of the texture. The alcohol dries quickly so liming wax can be applied right away. Hampshire Sheen is one recommended brand, but Mylands comes in a bigger can and is more cost effective if doing a lot. Apply with a paper towel folded into a pad, filling all the texture. Run the lathe at 250 rpm and use the paper towel to remove the excess. Fold a small piece of cotton into a pad (must be small, all safety caveats about fabric at the lathe apply) and buff at 700-1000 rpm.

Jeff likes a gloss finish and uses either Minwax spray acrylic or Rustoleum 2X gloss clear enamel. Don't spray with the lathe running, but once applied run the lathe at the lowest possible speed to prevent runs or slumping.

Raffle

Sally Deabenderfer	Block of Wood
Tenon Jig	Harold Friddle
DVD – Tool Sharpening	Nelson Palmer
Block of Walnut	Ric DeTorre
DVD – Mike Mahoney Bowls	Bob Cusumano
Block of Wood	Bill Lutian
DVD – Beth Ireland (Share the Wealth)	Ric DeTorre
Lidded Box (Bring Back)	Tom O'Brien



The Chapter's Purposes, in addition to supporting the general purposes of the AMERICAN ASSOCIATION of WOODTURNERS, Inc., are to:

1. Provide a meeting place for local woodturners
2. Share ideas and techniques regarding this craft
3. Trade woods
4. Exchange ideas about tools
5. Exhibit finished projects

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