



Volume 27 No. 1

JANUARY 2023

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February 7	General Meeting	Yacht Club	7:00 PM	Safety in the Workshop
February 25	Board Meeting	Little Italy	8:15 AM	All Members welcome

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### Board meeting January 28 notes (about 25 members attended)

Service Projects: Bruce Barbe: Our Place benches were delivered; Our Savior Lutheran Church playhouse: painting is pending;

Tellico Library shelves completed by Bruce Barbe and Ron Cirincione;

Three wheel chair ramps were installed/removed under Vince Evans supervision;

A team is required for Our Savior Lutheran Church project; but activity is on hold pending plywood acquisition. Don Schmidt coordinating.

Programs: Ned Miller: March meeting will have guest speaker, Jackie Vance of The Lacy in Lenoir City, on painting furniture.

**Old Business:** New Villagers gathering: February 2: Ben LaPointe will represent the club.

Tellico Village Welcome Orientation: February 7: Tony Grenis will represent the club. A second set of club marketing tools will be assembled.

Volunteer Opportunities: Larry Gardner (not present) has requested volunteers to formalize a kiln team.

Ned Miller would like another member for the Programs Committee.

Bob Ware stated that the Welcome Committee would like to introduce club policies and procedures all at once to the new members at the beginning of club general meetings. The Resource Book will be updated.

Website: Dick Hoffmann suggested that each Committee chairman update the pertinent section of the website to keep it current.

Ben LaPointe is working with Dennis Smith on the transition of the Club Historian position.

Ben will speak with Dennis as there was work in process to form a team to most efficiently digitize all club materials.

**New Business:** The board will discuss refining the rules for wood sale Special Requests. The Donor Log system will also be reviewed and the policy and accompanying forms published in the Resource Book.

# January Program Presentation

## Creating and Veneering Curved Laminations in a Vacuum Press

By TVWC Members Aaron Cox and Lloyd Donnelly

Project: Making Curved Veneered Doors for a cabinet each door being 17" L; 9 1/2" W; 5/8" thick.



Made a MDF bending form to match cabinet door curve.



Bendable plywood positioned on top of form.



Plywood glued to form using vacuum bag



# January Program Presentation

Cabinet door lamination (substrate) made by gluing up alternating layers of backing veneer and bendable plywood (flat) and then made into a curved substrate using vacuum pressure.



# January Program Presentation



Show veneer being glued to both sides of substrate at January meeting by Aaron Cox and Lloyd Donnelly



The final product



# February Program

## Safety in the Workshop - Dennis Smith

### Presenters

Name	Description/Problem	Tools Used
Dennis Smith	Making ½" square stickers for air drying lumber	Table saw
Wes McNeal	Accident Victims	
Ron Cirincione	Cracked blade	Club's 18" Bandsaw 142" x ¾" Timberwolf Blade
Bob Fagerlin	Edge jointing a small piece of hickory to get a good glue edge	Club's jointer
Scott Duncan	Cracks in turning blank	Lathe
Dick Hoffman	Widening a dado in a long wide board. Thought I was going counter the rotation cutter. But bit caught the other side of the dado and shot the board off the table	Table router
Dick Hoffman	Held long board by hand and spring back mechanism was clogged with saw dust	Biscuit joiner
Dick Hoffman	Disk was off center and blocks of wood the work piece rested on, gave way	Orbital sander
Chuck Turner	I put one foot on a 4ft ladder and the other foot on the top of shop bench. I reached across the bench to remove a board from a wall rack. When I lifted the board up to sit it down, the change of center of gravity caused the ladder to kick out. I lost my balance and fell to the floor.	Ladder
Glenn Nief	Fire	Flammable spray Paint Booth
Bill Nance	Turning Natural Edge Bowl with void	Lathe
Bill Nance	Cutting Bowl Blanks from logs	Big Bandsaw

# 2023 Spring Challenge - *Dennis Smith*

## At the February 7th meeting we will request ideas

If you have ideas for the next challenge, be ready to discuss them at the February 7th meeting. Any ideas would be appreciated.

We hope this list of previous Spring Challenges inspire you to think about what this years challenge could be.

Contact Dennis Smith 865-803-9235 [carvinwood@gmail.com](mailto:carvinwood@gmail.com)

### Club's history of Spring Challenge topics

2004	Boxes
2005	2 x 4
2006	Plant stands/holders
2007	Clocks
2008	Magazine racks
2009	Frames
2010	Lamps
2011	Refashioning: something old to something new
2012	All from 1 board
2013	Cubism: boxes and cabinets
2014	Jigs
2015	Wood grain
2016	2 x 4
2017	Rustic
2018	Beads of Courage
2019	Wood plus 2 other media
2020	No meeting (COVID)
2021	New technique
2022	Lamps/lighting

# Service Project - TV Library

Bruce Barbre was contacted by the TV Library, asking for help from TVWC. The shelves were sagging on two bookshelves in the Children's section (first picture). They wanted to stiffen the shelves, but also do in a way to provide some intermediate “booked” support for books as others were removed.

Ron Cirincione volunteered to lead the effort and Bruce Barbre assisted, in short order they completed and installed the solution (last two pictures)

Before



After



# Corn Sheller - *Ben LaPoint and John Johnson*

Ben LaPoint volunteers several times a year for the Tennessee Naturalist Program. He supports this effort by educating school-age children in early 19<sup>th</sup> century tool knowledge and use. For example, during last year's Pioneer Days (Nov 15-19) over 3000 school age children were able to learn of all phases of pioneer life including tool use.

Ben was asked to see what could be done with an antique corn sheller, so he brought the corn sheller to John Johnson, who volunteered to look over the device and restore it.

John (single-handedly) disassembled the corn sheller, replaced the about to fall off crank handle, bored and sleeved the egg shaped bearing blocks, welded and turned the worn out shafts. Then he replaced the end legs and the top with new white oak pieces. The Corn Sheller was then finished with linseed oil and turpentine, a finish used at the time this type of device was in use. Lexan panels were also installed so you can see how the machine works.

John  
Johnson



Jessica Whitehorn, Program & Volunteer Director, who accepted the rebuilt corn sheller for Audubon Acres - Elise Chapin Nature Sanctuary, located in Chattanooga.



Hand-cranked corn shellers have been around since the early 1800s. **They became widely used because they did, and continue to do,** the job of separating corn from cobs very well.



## Member participation requests

### **Historic TVWC documents/items volunteer request**

The club is revising the role and activities of the club historian, and is looking for volunteers to assist in converting archived print materials to digital media. If you have access to a scanner and are available to help us digitize our historical records,

**Contact Ben La Pointe, [benclapointe@gmail.com](mailto:benclapointe@gmail.com)**

### **Areas Requiring Additional Help or Backup:**

2023 Picnic coordinator. **Contact: Bill Nance [williamnance77@gmail.com](mailto:williamnance77@gmail.com)**

### **Meeting Programs:**

Requests for future program ideas - *Neal Wilson*

At every meeting we try and have a guest speaker, or member participation event. If anyone has a program idea, or wants to provide a certain woodworking experience you have, **Contact Neal Wilson [crawil@charter.net](mailto:crawil@charter.net)**

### **Mentoring:**

TVWC Mentoring program is a great source for beginner to advanced skill development.

**Contact Tony Grenis, [tonygrenis@gmail.com](mailto:tonygrenis@gmail.com)**

# January 28 Board meeting

Everyone is welcome especially New members

- we always learn a lot from New members.

**Board meetings are held 8:15 a.m. at Little Italy, two Saturdays prior to the general meeting. Everyone is welcome.**

Our goal is to promote further knowledge and expertise of the woodworking craft through meeting programs, mentoring classes, and sharing of experience. The Club and it's members are active in helping local non-profit organizations with community service projects, all through our woodworking.



# Wood Operations

Wood Operations financial results for January 2023:

Wood Sale 1/20/2023:

Number of members purchasing wood: 31

Wood from Kiln: 940 BF

Donor wood set aside: 226 BF

Available to Members: 714 BF

Sales of wood from Kiln: \$645

Total Cost of wood from Kiln: \$717

Result from Sale (\$72)

Average purchase per member: \$21

Estimated left over: 69 BF

Out of Barn inventory Sales: \$351

Wood Operations January balance: \$575

## Woodcutting January 24

- Robbie Pierce.

Twenty-four participants facilitated the walnut and cherry cutting. The calculated useable board feed was 709. The next wood cutting is not scheduled, pending approximate kiln drying schedule.

Club turning blanks available in the Barn



# Wood sale Jan. 20

- Nancy Kessler

The sale went well with 32 participants



# Show and tell

SEGMENTED BOWL by Barry Brandt

“This was my first turned segmented bowl thanks to the tutorage of Bob Fagerlin who lead a mentoring class on segmented bowls. This bowl has eight layers of twelve segments with alternating maple and walnut segments. The dimensional precision of each segment was the key to this project. Thanks go to Bob and the TVWC mentoring program.”



SERVING TRAYS by William Buelow

Walnut Cherry and Rosewood

Hackberry, Purple Heart, Cherry

The walnut/rosewood/cherry tray is simply made by gluing strips of wood together, rounding the ends and attaching drawer pulls that matched the cherry center strip. The Finish is butcher block conditioner.



The hackberry, purple heart tray was made by 1) creating a template with gentle curves from MDF 3/4 inch board. 2) The template was clamped to the hackberry and the board cut in two using a 1/8th inch router bit. The same template was used for all three cuts. 3) A 1/8 inch strip of purple heart was placed between the halves then glued and clamped. The following day the process was repeated with a 3/8 inch router bit and a three insert strips, Two of purple heart and one cherry was inserted, glued and clamped. These three strips equaled the size of the 3/8 inch router bit. 4) The 3rd day the same process was repeated with another 1/8th inch router cut and insert. Next, a base was added to raise the tray high enough to allow one to get fingers under the tray. The finish is two coats of wipe on poly and beals wax system for the final finish.

It is necessary for the inserted strips to be exactly the same width as the router bits or the strips will not align as they cross each other on the tray. In summary: the width of the hackberry removed by the router bit is replaced with a different wood of the same width. This is my first attempt and might try one more. I think different widths for the inserts would look better than the same widths.

# Show and tell

## CHERRY BOWL WITH FEET

By Scott Duncan

Tellico Village Woodworkers

January, 2023

“I’ve been asked to provide some commentary regarding the bowl I presented at the recent TVWW meeting. The unique characteristic of this piece is the elevated foot that was divided into 4 equal feet.



- Bowl design must consider the relationship of the **foot** geometry to the **bowl** geometry.
  - What is the diameter of the foot relative to the maximum diameter of the bowl?
  - What relationship of these diameters is pleasing to the eye?
  - Is it an “art” piece or intended to be a utilitarian piece?
- I “green turned” (while it was wet) this bowl more than one year ago with an elevated foot design in mind. It was to be more of an “art” piece than destined for daily use.
- When I decided to finish turn this piece, I made a rough sketch noting the diameter and depth of the bowl and the foot. (the foot is like a small upside down bowl)
- I selected a four-jaw chuck larger than the final diameter of the foot. Thus, the tenon became the foot.
- I mounted the now dry bowl using a jam chuck and live center and trued up the tenon.
- I then mounted the bowl on the large tenon and shaped the bowl per my sketch.
- I then mounted the bowl on the rim with tailstock support and shaped the foot.
- I used the index head on the lathe to determine the centerline location of the feet, 90 degrees from each other.
- Using a compass, I scribed the width of the feet using the four centerlines.
- I sketched the arc between the feet to find a pleasing shape.
- I made a paper template of this shape and transferred the shape to the other feet.
- Using a rotary carver (Dremel) with a carbide burr, I shaped the feet.
- I refined the shape using an oscillating spindle sander and then hand sanded the sharp edges.
- The finish is 6+ coats of Minwax Wipe-on Polyurethane, wet sanded and then buffed using a Beall Buffing system.”

# Show and tell

## WALL SHELF by Nancy Kessler

“While I think everyone can look at my simple shelf and visualize how it was made, I'll provide a step-by-step of the process.

I had one white oak board from a club cutting to make a simple shelf. I like a mixed media creation, so I designed it to have four veneered shelves, a diamond plate metal backing, and oak sides. The shelf was really "designed on the fly" (No Sketchup for me!) After milling the oak, I crosscut it, and determined the spacing of the four shelves. Setting both boards with "inside up," I used a dado blade on a radial saw, cutting both sides at one time to guarantee exact conformity. Planning ahead for the method to hang the shelf, I decided on an Egyptian clip of 3/4" oak. With this in mind, I then cut the dado for the metal backing on the table saw. To visually lighten up the weight of the sides, I cut out large circles between the shelves. I looked around the shop for anything circular, and found that the round discs for my Worksharp fit the bill. Bandsaw and scroll saw action, sanded, and routed brought the sides to life. The shelves are veneered from a dark, "chippy" burl. To keep the mdf from soaking up all the yellow glue, I prepped it with diluted yellow glue. With each shelf stabilized in a vise, I started veneering the exposed edges with blue tape as my "clamps." Using 1/4" x 1/4" x 2" cauls kept the veneer, which was overcut by 1/4" from bending over the sides. After drying overnight, I filed the edge veneer flush. For the topside/bottom side of the shelves, I again overcut them by about 1/4".

I yellow glued one side, vacuumed sealed it for about 30 minutes, removed it, and finished glueing the other veneered side, and vacuum for a number of hours. Using a file, all the veneer was trimmed flush. While I consider this a simple, woodworking 101 project, the assembly was not as simple as I had planned. Glueing and clamping four shelves and metal backing to the sides in one swift task made for a truly hairy affair! Next time (there's always a "next time" right?) I will cut that backing dado wider - it was a tight fit, adding to the difficulty. A fun shelf to make, and I think most, if not all members can successfully make something very similar! “



# Show and tell

GNOMES by Dennis Smith

The nose and hat are essential to each gnome. The nose is turned on a lathe. It has about a 3/4" long by 1/8" diameter stem that is used to attach nose to body in a 1/8" hole. The stem on the nose goes through a small hole in the faux fur and the body. CA glue is used to attach fur to body. The hat is what gives a gnome its character.

Dennis usually makes the hat first. The fur color also adds to their character. No two gnomes should look the same. This is a great way to use scrap pieces of exotic wood for the hats."



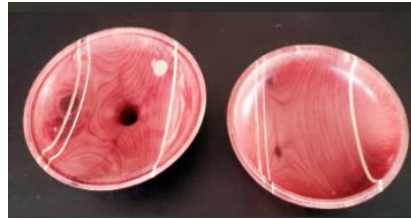


# Show and tell

IMPOSSIBLE HOLLOW FORM by Dick Hoffman  
White Oak Veneer and Burl, Locust Cherry and Cedar

## Split Middle

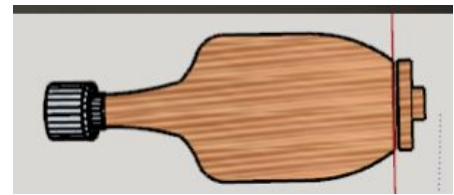
Turn 2 shallow bowls and glue the edges together



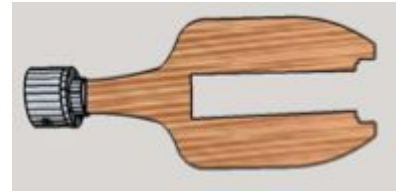
Glue joint hidden by burn lines or other embellishments



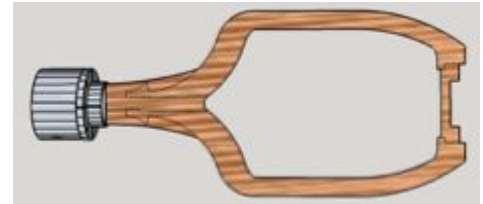
Turn through the bottom Plug hole with cut-off from the same blank. A Glue joint will be almost invisible on bottom



1



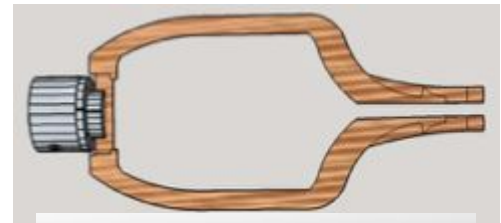
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3



4



5



6

# Show and tell

## CHRISTMAS TREE ORNAMENT DISPLAY CABINET by Glenn Nief

This is one of my longest "what do I do with it" projects. Over 20 years ago I purchased bevelled glass for 2 Flag boxes and by mistake received the glass in this shape. The glass company apologized, sent me the correct shape and told me to keep what they originally sent.

So for over 20 years I was thinking, "what do I do with it".

I followed thru and made two Cabinets, one for my wife's hand painted Christmas ornaments, and one for my hand made wooden Christmas ornaments.

Made with Cherry, Black Walnut, and Oak woods with Red and Green dyed veneer borders around frame and drawer. 1" Bevelled 3/16" thick glass. Size is 24" tall by 12" wide by 3" deep. Long continuous wooden hinge with locking door. Green felt lining in display area and red felt lining in drawer. 33 feet of small battery operated led lights. Inside are a few of the wooden Christmas ornaments I have made.



2022



2021



2020



2019



2017



2018

# Show and tell

BEADS OF COURAGE BOX by Roger Calendine

Chestnut Oak and Cherry



“The Beads of Courage box I made was my 1st venture for that program. I used scraps of chestnut oak and cherry that I planed down to about 5/8 inch thickness. I applied a dark stain to the lid cherry to provide a contrast to the sides left natural. All pieces were coated with 2-3 coats of sanding sealer shellac. I mitered the corners and made a dado groove to hold a piece of 1/4 inch plywood for the bottom when I glued the corners together. I used a Forstner bit just large enough to allow the bead to slip into the top, but not go all the way through. I used a smaller Forstner bit to finish the hole, thereby keeping the bead seated below the surface. I used another piece of cherry on the bottom of the lid to make sure the bead was contained and also to provide a fit of the lid to the box. The pieces assembled and more coats of shellac applied. I used wooden axle pieces with stained heads to insert into the mitered corners for both reinforcement and for a decorative feature. I glued magnets into recessed holes in the lid and mated them with steel wood screws on the tops of the sides to help hold the lid in place but allow easy opening.”

BEADS OF COURAGE CHEST by David Brunson

Cherry Wood, - This beautiful Box has inlaid lettering “BEADS OF COURAGE CHEST” on lid, and “FAITH HOPE LOVE” on the front. Lid has a handle with a Courage Bead inlaid in the top. The joints are an Isolock design that Dave programmed and cut with a CNC router.

The lid has a slot for depositing the beads. This may be the first box with that feature.

Each side has carved angels (not shown)

