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### Calendar of Events

April 2	General Meeting	Yacht Club		CANCELLED
April 2	Wood Cutting			CANCELLED
April 28 *	Board Meeting	Sloan's	8:15 AM	TBD
May 7*	General Meeting	Yacht Club	7:16 PM	TBD

*\*April 28 and May 7 meetings are likely to be cancelled – Look for a Club Email*

### Message from Bob Brown, TV Woodworkers President:

Considering our true inability to determine what is going to transpire over the next few weeks or months, the possibility of cancellation of upcoming events is highly probable. We must remain flexible and as soon as we feel there has been a turn-around, we will schedule and meet as normal.

Of course, we all realize that this corona virus is a curse on us, but it is also a blessing in that we can spend time that is not normally available doing the little and sometimes big and extensive things we have been putting off. When we do have our next General meeting, I expect a huge "Show & Tell" portion (*might make the whole meeting on this as our subject*). And should the pandemic extend into the coming months, we'll have a virtual "What I built in Quarantine Show & Tell" section in our Newsletter. So, as you build your Spring Challenge project, or build other projects during this time, please take pictures we can share with your fellow woodworkers.

While we have taken the initiative to cancel the mentoring for this year, we should be aware that the knowledge still exists within the club. Individuals needing specific answers or guidance should email: [tvwoodworkers@gmail.com](mailto:tvwoodworkers@gmail.com) and we will broadcast your request to the membership.

**Board Meeting:** The March Board Meeting was cancelled.

**Community Service Projects:**

On 3/12 a ramp was installed. Participants in building of the ramp were Tom Bolorgio, Robbie Pierce, Barry Brandt, Bill Schultz and Bob Brown. Additional approval and quality check by Lloyd Donnelly.

On 3/27, an existing ramp was removed, and material placed in storage by Rick Mannarino and Bob Brown.



**Programs:**

All Programs have been postponed. They will be re-scheduled as soon as the “social-distancing” requirement ends. Watch your email for announcements.

**Kiln Status:** Kiln is empty

**Wood Sale:**

Wood Sale was cancelled. It will be rescheduled just as soon as we believe it is prudent.

**Wood Cutting:**

Not scheduled at this time. We have 2 Oak and 2 Poplar Logs on site.

**2020 Spring Challenge**

This year our challenge is to make something that is all wood with moving parts. Glue and a fine finish are allowed but no metal of any kind. Qualification: All parts must be attached. The moving part just can't be a lid, unless the lid is hinged.

**Our Judging Categories:**

- Most moving parts/ most complex
- Most functional
- Most creative movement
- Most humorous/ comical/ entertaining
- Best of show

The Challenge will commence immediately with final exhibition taking place at the June General Meeting at the Yacht Club top floor.



## **General Meeting**

Upwards of 85 members and guests attended the March General Meeting.

Rick Larnerd presented “Recreating 18th Century Americana”. Rick walked us through how he custom builds Pennsylvania long rifles, New England fowlers, and flintlock pistols, as well as award-winning custom turkey calls. It was a fascinating presentation of both woodworking and gunsmithing craftsmanship.

Rick has published *The Thin Green Line: A Thumbnail Sketch of the Career of a Wildlife Conservation Officer in Rural NE Pennsylvania* (Montrose Publishing Company, 2009). *Coping with Grief: Surviving the Unexpected Loss of a Child* (Covenant Publishing, 2019). He has in the Works: *The Thin Green Line: 16 Years of Pondering* (a compilation of natural resource law enforcement-related newspaper columns and magazine articles written throughout the course of his career); *The Mystery of Gasparilla Bay* (a book for Tweens set in present-day Gulf coast of Florida involving pirate treasure, an alligator poacher, and a Florida Game Warden); *Terror on the Cumberland* (an historical novel loosely-based on actual events in late 18<sup>th</sup> Century Jackson County, Tennessee).

You can check out Rick’s Website: [www.gobblerknoblongrifles.com](http://www.gobblerknoblongrifles.com)  
And look for and follow Gobbler Knob Longrifles on Facebook and LinkedIn.





Rick Larnerd (*left*) explains how he custom crafts Pennsylvania long rifles, New England Fowlers, flintlock pistols and turkey calls, assisted by Ned Miller (*below*).



### **TOYS-4-TOTS:**

A TV Woodworkers Toys-4-Tots committee recently met with Sheriff Tim Guider and Debbie Hines, who manages the Loudon County Toys-4-Tots Program, to review the program. Club Committee members are: Jerry Mitchell, Charlie Anderson, Bob Ware, Jack Ernst, Bob Brown, Ned Miller (T4T's Committee coordinator).

The group discussed the current program; whether it is meeting the needs of the children and how we can improve the program. After the meeting, Debbie provided extensive data on the requests they have received from families over the past several years, including numbers by age, sex and types of toys most asked for. This should provide better guidance to our club members as they decide what toys to build.

The committee is also working on how we can best organize and manage our Toys-4-Tots efforts. Some Club members, who have not previously been involved in coordinating our T4T program, have volunteered to do so this year. We could use a few more to help coordinate the effort – please email Ned Miller if interested.

The revamped program will be ready and communicated before the Toys-4-Tots kickoff. Unfortunately, no date can yet be set.

## **Lender Tools:**

An additional 41 lender tools have been added to the Club's Lender Program. A full list of Club owned, and member lender tools can be found on the Club's Website under "TOOLS AVAILABLE TO MEMBERS".

Note that the list is sortable by column. Contact the specific tool Owner/Keeper to coordinate use and supplies details.



**Tom Towler**  
Rochester Hills,  
MI

## **New Members:**



**Rob Girardi**  
Rob worked in the industrial lumber dry kiln business since 1979 after getting my degree in Wood Science and Technology.



**Gene Proffitt**

From northern Kentucky. Gene has started his shop and wants to get into the finer points of woodworking.



**Vince Evans**  
Originally from Goshen, NY, and only 6 weeks in the Village, Vince wants to move on from doing minor home projects.

## Tellico Village Woodworkers is now in **Tellico Life**.

To access the Tellico Village Woodworkers Website from Tellico Life:

From the Tellico Life home screen, select "Clubs&Orgs."  
Scroll down and click on TV Woodworkers Club



## Did You Know?



The black diamonds that are printed on almost all standard measuring tapes are called "Stud Finders." Its purpose is to show you the exact center between two studs on your wall. You can find the first mark is at 19.2", and then it repeats at 38.4", 57.6", 76.8" and 96" inches. To make it simpler, if you are sure that your home was built using standard 16" stud spacing, you can use these brands to find out exactly where the studs are. There is no need to buy an electronic stud finder!

## Tools & Tips



### **Super-Strong Sandpaper**

"I do a lot of finish-sanding freehand, without a sandpaper block, so I can smooth edges and get into nooks and crannies. But the finer grits are usually bonded to thinner paper and, at least for me, the paper is too thin and ends up tearing long before the grit wears out. So, I apply duct tape to the back of the sandpaper. The sandpaper is still flexible enough to sand a tight radius and it's far more durable. You can use this super-strong sandpaper like a shoeshine rag." — Chuck Merchant

**From Our Members Shops**

“Volkswagen Hand & Foot Card Game Carrier” by **Ned Miller**



Dining Table & Chairs in Walnut by **Hugh Aukerman**



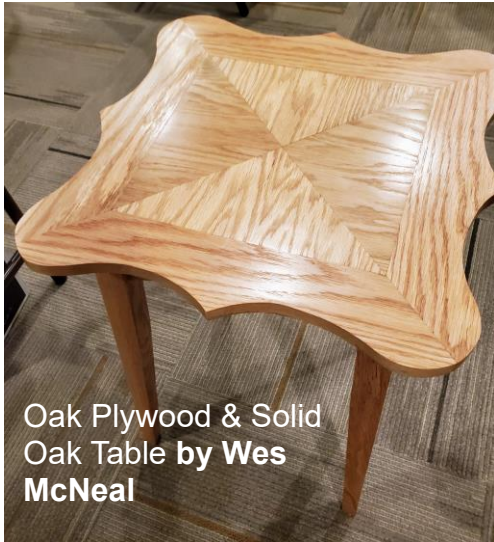
**Randy Brabant**



**Bill McKeel:** Cherry, Walnut, Walnut Burl Jewelry Box



Member "Show & Tell" (continued)



Oak Plywood & Solid Oak Table by Wes McNeal

David Brunson:  
Three Beads of Courage boxes



Walnut

Beads of Courage Box using Quarter-sawn Sycamore by Bill Van Brunt



Cherry



Red Cedar Pen Holder by Dave Breen



Cherry



## SHOP TOOLS & TIPS:

### **Reproducing Moldings with a Router**

There are two good reasons to acquire the skill of making moldings on the router table. One is that it enables you to reproduce profiles for repairing furniture or architectural millwork. The other is that it allows you to incorporate elegant moldings into new work without being limited by stock shapes.

Quite often, commercially available moldings appear different from historic profiles because much of their detail has been lost. A molding that has been fed through a sticker machine has not only lost its crispness, but also the play between light and shadow — not so when molding is made with a router.

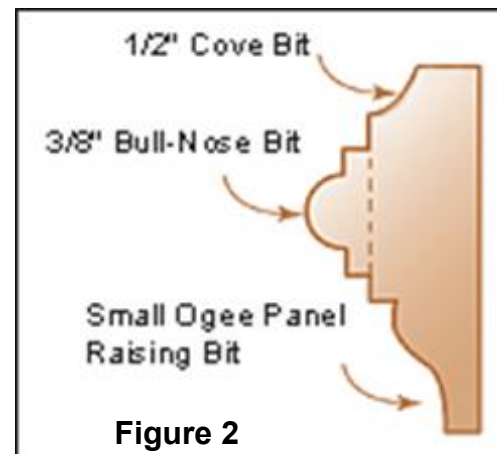
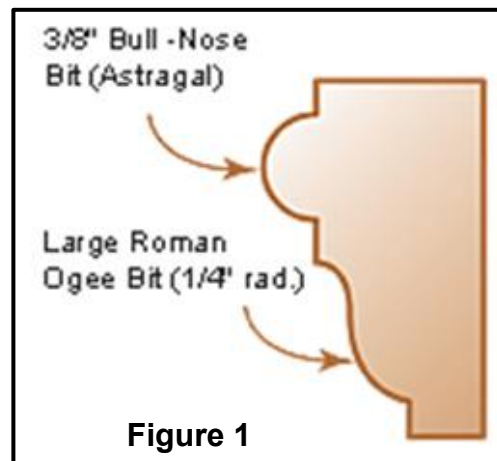
Begin by arranging the complete profiles of more than one cutter together. Depending on the scale, this can either be a single piece of wood or several pieces built up to produce the required size.

For example, the profile shown in Figure 1 was a common late-19th-century door panel mold composed of an astragal and reverse ogee. It is one of the easier moldings to reproduce and illustrates the importance of the cutting order of the individual pieces.

In this case, the astragal is milled first, allowing the ogee bit to cut to the required depth. Be sure to take several passes to complete heavy cuts and that the stock is supported, and keep your fingers clear of the running bit by using a push stick. To complete the molding, the bearing must be removed from the ogee cutter to ensure that the top curve is as full as possible. Without doing this, the S-curve becomes half-hearted. Sometimes the pilot bearing gets in the way, and so plunge bits (like a core box) tend to be more versatile than guided cutters (such as a cove).

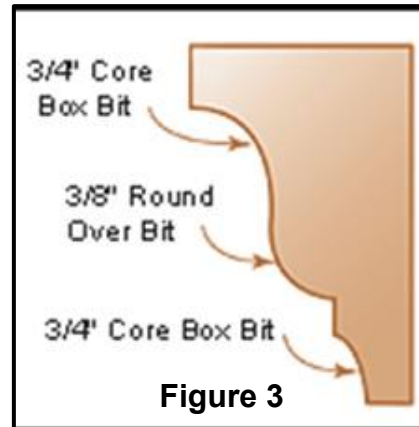
Figure 2 shows a built-up molding of a chair rail. Since this one requires a bit more planning, it's helpful to draw each section in order to visualize the final result. To determine the cutting sequence and whether the moldings are all run from the same end, take a piece of stock of the required size and put the router bits up against it.

Another technique is to blend different shapes together smoothly in the same piece of material. Sometimes the entire surface of a bit is needed, whereas other situations might call for only certain portions to be used. This requires a careful set-up for the height of the cutter and the location of the fence since the awkward junction of two shapes leaves a line that draws the eye.



## Reproducing Moldings with a Router (page 2)

The profile shown in Figure 3 is a large reverse ogee and cove as would be found on a brick mold. The best approach is to cut the concave curve of the ogee first, using a core box bit. This will also leave a nice even surface below it. Use a plunge round over to complete the ogee. This is actually a two-step process that involves cutting a rabbet with a straight cutter to remove the waste and then gluing wooden support pieces to the fence in order to support the workpiece and keep it from tipping. Cutting the cove on the edge is easy enough, but again, support pieces are needed on the fence.



Occasionally a situation comes along that seems to defy even the most creative lateral thinking. Usually, it involves an element that either curves back over another or cannot be reached by a conventional router bit guided by a fence. Before having a cutter custom made, consider whether the problem can be solved by running the piece at an angle. For some situations, simply ripping a bevel of the required angle on the table saw and using that face down on the table is enough, but for others a carriage must be built.

The fence in Figure 4 holds the stock at the correct angle and supports it as it passes the bit. Like the other more complex techniques for making molding, using it means a bit of planning in terms of cutting order and having the needed tooling on hand, but the end results will be well worth the extra effort. A.S.

