

East Tennessee

Woodworkers Guild

ETWG Newsletter

March-April 2024



Next Meeting July 8, 2024

The ETWG meeting will be in person at
Woodcraft 6:30 p.m., and broadcast via Zoom

Look for email notification closer to the event for Zoom Link or go to the ETWG website.

President's Message

I don't get a lot of woodworking done in the summer. There are too many outdoor activities that occupy my time. I'm between projects as well, which lowers my initiative a bit. To counter the lull, I have cleaned up the shop and hauled off the scraps to prepare for the next project. Sometimes, that's all the inspiration I need. Currently, I need a bit more of a push, even though I've got a couple of ideas for projects. A good rainy week in July may provide the needed incentive.

For hobbyist woodworkers like myself, the East Tennessee Woodworkers Guild can provide that inspiration. I'm looking forward to Lou Mansur's talk on stool making at the July meeting. Who knows, I may find that we desperately need some stools around the house. Even if the wife nixes stools, I'm anxious to hear how Lou drills the seat for the legs at the proper angles, something that I've attempted on a table with less than perfect success.

I make this plea in every newsletter and will shamelessly continue to do so until we've garnered participation from everyone. As president and ETWG board member, I want to continue providing this type of inspiring content. We've got a couple of ideas for future meetings, but we desperately need your help. If you have built something or learned a new technique, please consider doing a presentation at the meeting. Even though you may consider it simple, it may inspire others.

The second plea is for new blood on the board. If you have a desire to meet in the off months over a burger and a beer to share your ideas on meeting content, please let one of the board members know. The Guild is what the members make it. I know from experience that the path of least resistance leads to the shop, but participation in the Guild doesn't really take a lot of extra time. The reward of improved skills will be worth the effort.

Detailed Description of July Presentation *“Make a stool for the workshop, kitchen, home pub,…”*

Over the last few years, I've built a dozen stools of several designs. The work has been at least as rewarding as building a chair, and usually doesn't take as long. Stools are generally more versatile, useful, lighter in weight and offer greater design freedom. As a start, you can choose the seat height without restriction, rather than being tied to the typical chair seat height. Each piece can be tailored for its special application. You may need to swivel your body left and right for a project on your workbench. For that a stool with a round seat is well-suited. If you're at the drawing board or computer, focusing straight ahead, a directionally scooped seat is better and more comfortable

The presentation will focus mainly on the making, with a word about design. Construction of four-legged and three-legged versions will be covered, with a bit on a couple of novelty stools if there is time. Making and shaping the main components: seats, legs, and stretchers will be shown. Cutting and fitting the joinery accurately are crucial. We'll describe precise and reproducible methods for doing this.

Have a seat. Lou Mansur

Presentation-Dr. Adam Taylor

Our May presentation was a talk by UT Professor Adam Taylor titled "From Trash to Treasure: How Lumber is Graded." Dr. Taylor describes himself as "a wood scientist and the Extension Wood Products Specialist. I try to help people use more wood, and to use it better." Thanks to Tom Mueller for arranging this informative talk.



Dr. Taylor had some great stories and about wood grading and the many uses of wood in carpentry.

TNSL Act - Number 2 and Better Grade Summary

Dimension lumber only: 2" to 4" nominal thickness, 2" and wider.

Knots – Sound, firm, and encased knots, if tight and well-spaced, are permitted in sizes not to exceed the equivalent of one-fourth (25%) of the nominal width of the wide face of the piece. Knots appearing on the thickness faces of the piece are permitted in the same quality and size.

Holes - any cause and includes unsound wood except wane, unsound knots, loose knots and not firmly fixed knots, not to exceed the equivalent of one-fourth (25%) of the nominal width of the piece or equivalent smaller holes per 2 lineal feet. Holes on the thickness faces of the piece are permitted in the same size.

Unsound wood (except wane) – Not permitted.

Wane – 1/3 the (actual) thickness and 1/3 the width, full length, or equivalent, on each face, combined not to exceed 1/2 the thickness or 1/2 the width at any point.

Shake – Shake through at ends, limited as splits. Away from ends, shakes including through shakes up to 2 feet long permitted.

Splits – Equal in length to twice the width of the piece.

Checks – Drying checks on the face or edge not limited. Through checks at end are limited as splits.

Slope of grain – 1 in 8.

Warp – "Light"

Skips (or Scant) – "Heavy". If surfaced, may have skips in places up to 1/8 inch deep. If rough, may be scant in places up to 1/8 inch scant. The areas of skip (or scant) are not to exceed 2 feet in length in any one place.

Manufacture – Admit manufacturing defects not greater than 1/8" inch

Pitch and pitch streaks, Pockets and Stain – Not limited.

HARDWOOD LUMBER GRADES STANDARD INSPECTION

	FAS	SELECT	#1 Common	#2A & 2B Common	#3A Common	#3B Common	FAS Limits
Minimum Size Board	6" x 8"	Same as FAS for species being graded	4" x 6"	3" x 4"	3" x 4"	3" x 4"	Pith = SM in inches Wane = 1/2 Length Knot = 1/3 SM
Minimum Size Cutting	4" x 8" 3" x 7"		4" x 2" 3" x 3"	3" x 2"	3" x 2"	Not less than 1 1/2" wide containing 35 sq. inches	Warp = Entire board must be flat enough to S2S to S.S.T. Wane in Selects Per. 6" & Wider. FAS limitation applies to Better Face. #1 Com side: 1/3W x 1/2 L. #1 Com side: 1/3W x 1/2 L. Widen: Wane added together. Length can be on both edges.
Basic Yield	SMx10 63-113%		SMx8 66-275%	SMx4 50%	SMx4 33-175%	SMx3 25%	Splits = not to exceed 2x SM or 12" which ever is greater Widen: Wane added together. Length can be on both edges.
Formulas to Determine Number of Cuts	SM 4 (4 Max)		(SM±1) 3 (5 max)	(SM) 2 (7 max)	Unlimited	Unlimited Sound Cuttings	First Lineal Foot Rule: Applies to both ends of Board, to contain not over 25% unseasoned wood.
SM Needed to Take Extra Cutting	6 - 15' SM		3 - 10' SM	2 - 7' SM			Per. 4" & 5" Wide 1/3 W x 1/2 L applies to both faces. Add widest Wane together. Add total length of wane from both edges.
Extra Yield Needed for Extra Cutting	SMx11 91-23%		SMx9 75%	SMx8 66-275%			Note: This chart summarizes the main requirements for the standard grades. For complete information, consult the appropriate sections of the NIELA Rule Book.
Special Yields	97% Rule: 3 min. fast with any length; 25" & wider with #11 SM, SM 11.4 for yield	97% rule on Better Face	2" JSM to be 100% clear or SM±11 in one cutting on Better Face 97% Rule	1' SM-100% 2' SM-SM X 3	1'SM, SMx5 #2A Common Clear Face Cutting #3B Common Sound Cuttings	#2A Com on Better Face and Reverse side of cuttings must: will also qualify for #2A Com	

COURTESY OF THE NATIONAL HARDWOOD LUMBER ASSOCIATION

<https://nhla.com/services/nhla-grading-rules/>

Show and Tell



Angelo Belluci with another of his beautifully crafted end-grain cutting boards.

Show and Tell (cont.)



David Peterson shows a box with a challenge to open the box, the box has a secret combination sequence that makes it secure.



Ron Alexander shows a special bowl that was turned by Tom Sciple.

Show and Tell (cont.)



Bill Key shows a chair leg template and back splat and describes the Tom McLaughlin presentation to was sponsored by the Guild.

Membership

Please contact Mike Casey or any member of the board if you need a nametag.
mecasey4235@gmail.com

A new Membership Directory is available to members. Be sure to pick one up at the meeting.

Membership Dues for 2024 will be collected at the meeting, See Charlie Cutler.

Mail your check for **\$50** to Charlie Cutler.

East Tennessee Woodworkers Guild

% Charlie Cutler

1631 Laramie Lane

Seymour, TN 37865

Juried Membership

In perusing the membership contact list, you will notice that about one in five is designated as having juried status. The term denotes the highest level of achievement in woodworking, as rated by a jury of the most accomplished woodworkers within the Guild. Juried members serve as a resource, who can be consulted on a wide range of questions ranging from design, to specific techniques, tools and methods.

To seek juried status a member may request that their work be evaluated. To help decide whether work is ready to be considered by a jury, it is recommended that you start with self-evaluations. First, do your pieces meet your own highest standards? Be honest and critical. Second, as objectively as you can, compare your pieces to recognized works of merit.

Examples may be those displayed at the ETWG Master Woodworkers Shows, at national shows generally acknowledged to highlight the finest furniture and woodwork, and within highly distilled magazines like Finewoodworking. If your work does not do well by comparison, in your judgement, then delay your request to be juried. Make some improved pieces based on what you have learned.

If you are ready to take the leap, contact Lou Mansur our ETWG standards committee chairman mansurk@comcast.net.

Your Guild

How can you be more involved?

- We are currently looking for someone to take Bill Key's place as Education Committee Chair. Contact any Member of the Board if you have an interest in being more involved. Bill and has done a wonderful job, but it is time for someone else to step up. If this position doesn't fit there is most likely another position that will help you be involved.

Guild Staff

Board of Directors and Special Advisors

President	Mike Casey
Director Treasurer	Charlie Cutler
Director Secretary	Tom Ehrnschwender
Director	Jim Vogelsang
Director	Lou Mansur
Director	Jeff White
Director	Bill Key (end of term)

Committee Chairs and Project Coordinators

Education Committee	Bill Key (end of term)
Standards Committee	Lou Mansur
Membership Committee	Mike Casey
Door Prizes	Charlie Cutler
Newsletter	Tom Ehrnschwender
Web/Audio Visual	Jim Vogelsang
Photographer	Tom Zachman
Assistant Photographers	Brent Quarles & Pat Bryan