

Welcome

President John Loftis welcomed a large turnout for the November meeting for the veneering program by David Frechtman who was originally scheduled for the October meeting.



Guests

Charles Morrison of Forney located NTWA from the club's website.

Neil Zackey got the award for traveling the furthest for a club meeting. He's from Fairfax, VA and came as a guest of Mike Maness.

Jim Brook of Dallas like to build furniture.

Bill Hughes of The Colony like to build boxes and wooden planes. He's been on our mailing list and decided to attend.

Announcements

John talked about the email sent to all members regarding Farmer's Branch looking for volunteers to do woodworking demonstrations at their

Historical Park, specifically in the crafts field. Please review the email sent 11/14 if you have an interest in helping them out.

Dallas Makerspace is expanding their woodworking shop by adding \$10,000 in new equipment. The new location is near I35 and Valwood at 1825 Monetary Lane, Suite 104, Carrollton, TX 75006 and they are still looking for paid instructors. For more information on Dallas Makerspace visit their website at www.dallasmakerspace.org.

Jim Brooks is retiring as a cabinet maker and has oak, cherry, walnut and mahogany for sale – approximately 800 bd. ft.

Shop Questions

Norm Burgess needs to replace the bearings in his Makita 2030 jointer and is looking for a source for the bearings. Steve Jenkins suggested Pervis Bearings.

Munawar Soomro asked about the best way to preserve a drawing done on a sheet of veneer. Jim Newby and David Frechtman suggested placing it on two layers of acid free paper on a backing of MDF and cover it with glass, but don't glue it down. David said spraying it with lacquer may cause the paint to run.

Show & Tell



Pete Yarnar showed off cutting /cheese boards made of Mesquite.



Mike Hollander made this Shaker box using Maple bands.



Jim Newby made a dart board cabinet using bead-board and walnut.

Bill Jacobs made this extension handle for his router depth adjustment screw.



Dale Osborn brought in his water based Timbermate wood filler. Says it is the best he's used and it's available at Woodcraft.

If it dries out you can just add water to bring it back.

He did caution that the natural color is too white if you're just clear coating.



Keith Johnson made a 10' x 10' bookcase out of Alder.

Wendell Brough showed off his scroll-sawn cross dedicated to firefighters.





Bill Crawley showed off pictures of some of the projects he took to the Mesquite Festival.

Dan Chenault brought back his "wilt" that won a blue ribbon and best of show at the Texas state fair. Way to go Dan!



Ron Winch did his first relief carving for this lidded box.

Raffle

Jim Newby: Dewalt Compact Jigsaw kit.

Wendell Brough: General Cordless Engraver.

John Crawley: Irwin Quickgrip Clamp Set.

Program



David Frechtman talks about his passion with veneer.

David Frechtman started out his woodworking career by building a house and doing other carpentry work. His interest in design drove him to securing one of a very limited number of openings at the North Bennet Street School in Boston in February 1993 where he worked his way through the apprentice, journeyman and instructor levels.

David wanted to go to this school to learn joinery techniques so he could better execute his design ideas.

The course followed a strict curriculum of making a mallet, oil stone box, hand plane tuneup, sharpening tools and dovetails. All this had to be accomplished before the student could start an actual project. The first project for all students was a toolbox.

One of David's early projects became his signature piece, a Demi-Lune Hall Table made from an extremely rare piece of quilted mahogany. This table enabled David to express many of his pent-up design ideas.



David's award winning Demi-Lune table he designed and built at the North Bennet Street School



David discussed the process of veneering including the use of a veneer hammer which is not used like a traditional hammer. The flat end is used to squeeze the air and excess

glue out from under the veneer, much like a J-roller, but more effective.

The glues that David recommended using for your veneering projects are:

1. Hide Glue: 150 grain; doesn't move with heat and humidity and doesn't shrink.
2. TiteBond Cold Press glue
3. TiteBond yellow glue: let it dry then use a hot iron to secure the veneer to the substrate.
4. DO NOT use contact cement!

David uses a vacuum bag to secure the veneer to his substrate. He says 24" of mercury = 1200 psi which is more than enough pressure. You should do one side at a time and leave each side in the vacuum bag for 20-25 minutes.



Use wax paper between your caul and the veneer and the veneer should be placed veneer side down in the bag. He also recommends rounding the edges and corners of the caul to keep from punching holes in the bag.

David prefers to use a veneer saw to trim the excess veneer. To prepare your saw for use, flatten both sides on a stone. Use a #8 mill file to remove the tooth set and put back on the stone to hone one side at a 25-30° angle. He uses a straight edge to insure straight cuts and says on cross-grain cuts, don't pull the saw off the edge; push it from each edge to insure you don't tear out.



David carefully matches the grain to each piece of veneer and secures them with blue painter's tape because it stretches which pulls the pieces together and then peels off easily.

David prefers to use MDF for a substrate and not plywood, but says if you use plywood, rotate the veneer 90° to the grain of the plywood. He also recommends that you veneer both sides of the substrate.

One of the tricks David uses to give veneer depth is "sand shading." He demonstrated this technique by making some veneer leaves and putting them in sand heated on a hot plate.



This shows a sand shaded leaf inserted into David's veneered sample.

David closed by advising club members to order their veneer only when ready to put it down to keep it highly flexible, soft and flat.

Next club meeting:

Dec. 16th, 2014

7:00 p.m.

The Party Barn

Christmas Potluck

Sign up for dishes at

<http://www.perfectpotluck.com/meals.php?t=BGXJ0262>

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