



The DoveTale

October 2002

Officers of Woodworkers of SE Texas

President	Cliff McLean, 727-6287
President elect	Waid Gauthier, 735-8392
Secretary	Laura Seelen, 962-7224
Treasurer	Howard Hartman, 835-0564
Newsletter	Richard Hicks, 982-5226
Shows	Rod Ruppel, 898-7041
CP Project	Dean Partridge, 722-7647
Toy Project	Bob & Laura Seelen, 962-7224
Programs	to be appointed
Purchases	Jerry Shivers, 794-2274
Membership	Richard Hicks, 982-5226

Members:	73	Present:	23	Visitors:	0
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Our Next Meeting will be November 25th

At Acadian Cypress and Hardwoods

October 28th Meeting

In spite of the bad weather, we had a good turnout for our October meeting at Don Lemp's shop.

Howard Hartman reported our balance has dropped to \$1,880.70 – still not enough to make a trip to Mexico.

Dean Partridge reported that he and Sam Tobey finished the Christmas card racks. The folks at the Dr. Sharkey Center have the racks and they're filling them with cards and installing them in the area Market Basket Food Stores.

Lew couldn't make the meeting, but he sent 2 more boxes of toy blanks. Looks like we will have quite a few toys this year – just not as many as last year. Thanks to everyone for helping out. Please bring your finished toys to the November meeting

The nominating committee met and Waid Gauthier reported that Rod Ruppel agreed

to run for President-Elect (only if no one else wants it). Howard agreed to run for Treasurer. They were unable to identify a candidate for Secretary. Joel McLean was nominated from the floor to run for the Secretary. The club will vote for officers at the November meeting and nominations will be accepted from the floor prior to the vote.

New Member



Jerry Heckman
builds fancy boxes from picture frame stock and wants to learn more about "corners"

Show & Tells



Sue Caldwell
An assortment of key rings and a cut-off from a Dymondwood slab



Jewel Hymel
A bit extension shaft especially made for forstner bits



Gerald Brennan
Built a birdhouse out of some old cedar fence boards. The boards had a nice, gray patina and

Gerald made a solution, by dissolving some steel wool in vinegar, that turned the fresh cut edges a matching gray.



John Phelps
An early Christmas present - a new Lie-Nielsen No. 4 1/2 plane

Program

Don Lemp hosted our meeting and presented our program. He showed us some special things he did in his shop. Don installed the piping for his dust collection system under the slab. This



Ray Ward
Made some dovetailed drawers for the cabinets he recently installed in his shop



sure keeps it out of the way! He installed special voltage sensing switches from Sears that



Jerry Heckman
Brought two 'fancy' boxes he made from picture frame moldings

automatically start his dust collector when he turns on a tool. He built a nice,



Howard Hartman
Made a cutting board from scrap walnut and maple



long table along one wall so he can safely cut long boards on his radial arm saw and compound miter

saw. If you have the room, this makes working alone in your shop a whole lot easier and safer,



Joel McLean
Made a hockey game board. He also made a bank shaped like a penguin and a new ballpoint pen



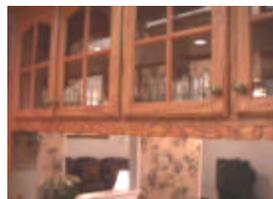
Don built a homemade air cleaner for his shop. He built a plywood box with a large hole on each side.

He put a squirrel cage blower inside with

the fan discharge mounted in one of the holes. Then he put air filters in front of the other holes. The fan is quiet and it moves a lot of air - which is cleaned by the filters. Don says he thinks it works pretty good because the filters sure do get dirty fast!

Then Don took us on a tour of his beautiful new home. Don did a lot of the interior woodworking and it really made the house special.

Don did a lot of the work on the kitchen cabinets. He made them out of red oak with a honey maple stain. They featured a lot of glass-paneled doors, fluted corners, crown molding on the tops and hand carved flowers on one of the panels. Don added a few 'custom touches' of his own to the cabinets. He made a special rack for his hidden trash can. He also added two holes to a built in cutting board so the cut items could be moved directly to a bowl mounted under the board and the residue could be moved to a trashcan.



Don has three raised ceilings (I think they are called mansard ceilings) in his home and he did some special woodworking on each one. In the kitchen/dining area,



he did some mother of pearl and ebony inlays. The diamond shapes are mother-of-pearl outlined in ebony that complements the inlaid maple and ebony stripes. In the master bedroom, there were vines, butterflies and birds.

In the living room, he carved and colored some roses. All the joints were beautifully mitered. He said he had a lot of trouble finding the color stain he wanted. He finally got Sherwin-Williams to custom-mix some.



The floor in the sunroom was something I had never heard of - stamped concrete. Don explained that the concrete is poured, colored and then 'stamped' with a stencil mold (kind of like a cookie cutter) that makes it look like random shaped bricks. He put two coats of sealer on the floor after the concrete dried. It made it look like it had a real good wax job.



Don, thanks for hosting our meeting and showing us your shop and new home!

Next Meeting

Acadian Cypress and Hardwoods will host our next regular meeting on November 25th at 7 PM. We'll vote for officers and sort the toys so if you have some finished ones, please bring them (or send them) to the meeting. It looks like we'll be a little short this year and everyone we finish will bring joy to a needy child.

Be sure to bring a chair and a show & tell.

Saturday Program Meeting

Legacy machine at Waid Gauthier's shop

We had a good turnout (19 members) for Waid's Saturday meeting. He presented a program about his new Legacy machine. I



I guess a good description would be a hand-powered lathe with a plunge router attachment. Everything on this

machine is heavy-duty - it's built for accuracy and durability. There are three different bed lengths available (48", 60" and 72") and you can get it with or without a drive motor. Waid has the 60", hand-powered model. The Legacy is primarily used to make decorative moldings like flutes, ropes and barley twists.

The first step in making a piece of molding is to turn the square blank round.



Find the center of the blank and mount the precision center spur on the blank. Properly aligning the centers

will yield the largest diameter round blank. Then mount the blank in the Legacy by inserting the drive spur in the



driving wheel and the supporting the other end with a live center. Use a straight or bottom-cleaning bit for the

rounding cut. Set the depth of cut to yield the desired diameter turning and set the travel stops for the router carriage

so the bit will leave a shoulder on the blank and miss the mounting screws and other metal parts. Now, start the router and crank the handles to turn the blank and advance the router down the length of the blank. It's a bit awkward, but once you get the hang of it, it's pretty easy. But this is also where you wish you had spent the extra money for the motor!

Each type of molding uses a different shaped router bit. The bits for the rope



and barley twist molding also come in a range of sizes and are matched to the desired size of the molding. The gears

are selected based on the type of molding you're making. If you're doing fluted moldings, you use a special index wheel to position the stock for each pass of the router.

Now, set the proper depth of cut for the



molding you're making and crank away! Slow, smooth movements make the best molding.

It normally takes multiple passes to produce the desired molding shape. You will need to sand the molding by hand or with a flap sander when you've finished the routing process. While the machine is fairly complicated to operate, it comes an excellent instruction manual and video.

Waid, thanks for taking the time to show us your Legacy machine.

Saturday Program Meeting

Lyman Frugia on boring bars & bowls

This was Lyman's second meeting and he started this one where the first one ended - using a boring bar to turn deep vessels and bowls. We had really nice weather and a good turnout.



Lyman made his own boring bar from 1" square tubing. It's basically a large frame with a long bar on one side. A replaceable cutting tip (usually like a round nose scraper) is mounted on the end of the bar. A special steady



rest keeps the bar from twisting and keeps it level while it's cutting. The result is a very stable cutting tool that you only have to guide when using.

To turn deep vessels like vases, mount your blank on a faceplate and bring the tailstock up to support the workpiece. Then turn the outside of the blank to the desired shape. I install a wheeled steady



rest to support the vase while hollowing out the inside. You can start the hole with a drill bit or

just start using the boring bar. Go slow and easy to keep the tool from chattering and follow the outside profile, going deeper each time. Measure the thickness

of the sidewalls with a caliper and the depth with a depth gauge. Lyman uses a



homemade gauge consisting of a crosshead with a hole, a dowel and a screw to tighten the crosshead to the dowel. Commercial versions are also available from woodworking catalogs.



Lyman also makes his own 'deep vessel sander' by taking a long piece of 1/2" dowel, cutting a kerf in

the end, and gluing several pieces of sandcloth in the kerf with epoxy. When the sandpaper wears out, he just cuts the end off the stick and starts over again.

Lyman also uses his boring bar to turn



bowls - especially natural edge bowls. Lyman follows the same steps on bowls that he uses for

vases. He usually drills a hole in the center of the blank as a depth indicator. He turns the interior of the bowl until he gets the bottom of the bowl even with



the bottom of the hole. Lyman uses the thin version of super glue around the edge of his natural edged

bowls to keep the softer sap wood and bark firmly attached to the bowl during the turning process. The boring bar is a good alternative to a bowl gouge because

you can maintain really good control over the cutting tool with very little effort.

Lyman offered some additional turning tips:

- Lyman makes most of his vases and bowls with thick walls. It gives the items a good weight, makes the walls stable and the items won't break if they are dropped.
- He finishes his turnings with several light coats of Mohawk spray lacquer.
- The bottom of your turnings should be slightly rounded, otherwise they look like they are glued to any surface that they sit on.
- Covering the ends with melted wax can seal fresh 'green' wood and keep it from cracking.
- If you're turning 'green' wood, you can cover it tightly with a plastic bag to keep it from drying too fast.
- If your lathe allows it, set your belt tension a little loose – that way it will slip if you get a catch instead of breaking something.
- Be sure to wear a dust mask when turning, especially if you are turning spalted wood – it can be very hazardous.

Lyman always has a display gallery of his latest work for us to see. This gallery



included bowls, vases and pepper mills. He also had a large selection of bowl blanks, mostly mesquite, and he offered every

attendee a free blank. There was one stipulation: you had to bring the finished bowl for show & tell by the January meeting. I believe that almost everyone left with a blank so we can expect to see a lot of bowls at our next two meetings!

Lyman, thanks for a very good meeting and for the bowl blanks!