

WOOD CHIPS

April 2001

Next meeting April 9th at 7:00 PM at Consolidated Lumber located off
I-35 West on 67th Street in Merriam Kansas



Kansas City
Woodturners
Club
Local Chapter of
The American
Association of
Woodturners

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Camera:
Don Grimes
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LAST MONTHS PROGRAM

With about 57 visitors and members present President Woodhouse kicked off jigs and fixtures night at the March meeting. He offered 3 ideas to make turning safer and easier, using duck tape over expanding chuck jaws to eliminate accidents, a depth gauge for bowls and a sand paper organizer.

Chris Kunzle was spotted excitedly drawing plans and taking photos of the sand paper organizer, with the obvious intention of replicating it in his own shop. Chris then showed several collet chucks he uses to hold small turnings on the lathe and a giant chuck (26") from lexan used to reverse turn bowls.

John Shackelford teamed up with Pete Stiglich and produced a jig to sharpen the 3 pointed skew chisel. John also showed several face plate jigs he uses in sphere turning.

Chip Siskey has designed a jig to make skew chisel sharpening on a belt sander easy and uniform.

Kent Townsend found a band saw circle cutting jig on the internet, built it, and brought it to the meeting.

Bob Davis built a lathe steady rest which uses in-line roller blade wheels.

Pete Stiglich built 3 spring loaded transfer punches to aid in rapid, accurate drilling on the lathe.

We have all seen Kevin Neelley's segmented work and now we know how he

does it. Kevin showed a cutting sled that accurately cuts his segmented pieces, a lathe dust-collecting hood, a velcro sanding disc cutter that works on the drill press and several wooden calipers.

Don Gruis also shared his segmented bowl cutting jig, and a method of cutting glass that utilizes the lathe, sharp tools, fire and a puff of air. He says it works and had several bottles he had cut using "The Method". Don promised to show us how it is done at a future meeting.

April Program

Russ Blaser will demonstrate hollow form turning and discuss the tools and techniques he uses in his work.

SET -UP AND CLEAN-UP

Jim Faherty
Jerry Darter

REFRESHMENTS

Merle Schneck

Note: If you can't do this, you need to find someone to take your place. Thanks.

SATURDAY WORKSHOPS

On the fourth Saturday of each month from 8:30 am to noon at consolidated lumber you can use the club's lathes to improve your turning skills. Knowledgeable club members will be available to answer your questions and assist you in learning new work methods.

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SHOW AND TELL

Rod Lambie showed a large segmented vessel from spalted hackberry. Good work
Larry Transmier turned about 40 good looking pens using his own design and also brought several jigs he uses in his pen work.

Jerry Darter brought in an oversized baby pacifier with a segmented ring, a giant hyperdermic syringe and a wormy persimmon bowl.

Chris Kunzel showed a platter from Mexican Chechen burl that he started turning at the tool show and later finished at home.

Kenny Gorseline turned and showed a nice segmented mahogany jewelry box.

Chip Siskey is still turning natural edge bowls and brought his most recent one. Looks good.

Danny Moreno showed a "smallish" vessel (About 18" wide and 14" deep) turned from aromatic cedar. Danny explained he used plastic wrap to hold the vessel together during final turning.

Raffle

Don Gruis sold a whole bunch of "green things" to several members for \$1.00 each. It cost me a dollar also, I had bet Don he wouldn't find any green thing buyers.

Member News

Our own Sandy Moreno applied for and received a grant from the AAW to implement a turning program for youth. Sandy's project will focus on troubled and under privileged children throughout the metro area. Information on the AAW's grant program is available on their web site, let me know if anyone needs a copy.

New Members

E. David Burks
Larry Transmeier
Larry Ramsey
Bill Henry

Visitors

Jay Nichols – Ken Majors
Jim Reynolds – Bruce Page
Pat Campbell – Rick Sakugchi
Rick Holland – Mike West
Charles Ball – Wayne Clevinger
Keith Majors – Gary Lesuer
Keith Kellum – Dave Chaffe

Woodworkers show

Chris Kunzel reported that the tool show went well. Most of the above visitors and new members were a direct result of interest expressed in our club at the show. A lot of good turners from our club demonstrated at the show giving our booth the appearance of a turning seminar. A special thanks to Bob Huff for the use of his trailer in moving our equipment to the show.

Web Sites

Thanks to Bud and Ann Schenke our club now has it's own web site. Meeting dates, suppliers, our newsletter and lots of other info can be found at:
www.kcwoodturners.org.

Danny and Sandy Moreno also have a web site at www.turnaboutwood.com The site offers metro wide info on area woodturning groups, and biographical info on Danny, along with woodturning instructional classes offered through his business.

Kevin Neelley's site was recently featured in the UK's woodturning magazine. It has information on Kevin, his turning business and offers plans on how to build many of the segmented turning jigs Kevin uses to produce his work.
www.turnedwood.com

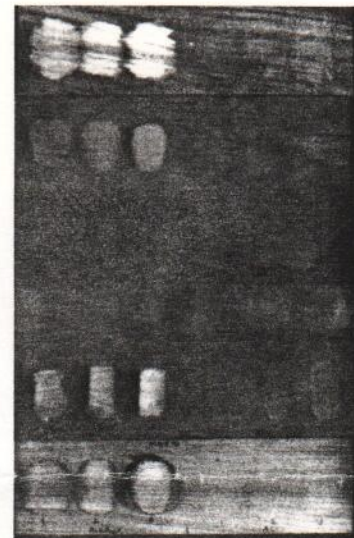
Bleaching Wood

By Dick Veitch

A turned item can be considerably enhanced, or destroyed, by the addition or subtraction of colour. My motivation to try bleaching came from ineffective use of stains on dark woods. Certainly staining changed the look of the item, but not enough. I thought a pale line or two on dark wood would be an enhancement. When working with chemicals always work in a well ventilated area. Wear gloves and safety glasses and a mask if you have one that will stop fumes. Have plenty of water available. After use wash all vessels and equipment carefully. Mix products only in glass vessels. To achieve good results bleach only part of a piece. Turn a raised band of grooves or beads, or simply have a band of wood with a groove at each side, for the section that is to be bleached. A small groove at the edge of each band will help keep the bleach from flowing to the wood that is not to be bleached. Sand the item to at least 300 grit and make sure the grooves you have cut are cleaned of debris, before beginning the bleach process. For an alkali bleach two separate solutions are needed: a 35% solution of hydrogen peroxide and a 20% solution of sodium hydroxide. For these chemicals have white vinegar available as a neutralising agent. To use this, mix together small quantities, just 10ml of each solution, immediately before you want to use them. This solution will degrade quite quickly and lose its bleaching power. For an acid bleach, Liberon Wood Bleacher is about a 5% solution of oxalic acid. It bleaches well with results that are different to those obtained with alkali bleach. Use water as a neutralising agent. Apply the bleach sparingly with a cotton swab, dabbing it on, or use a small artists brush (synthetic fibres are recommended for the alkali bleach as natural fibres are seriously degraded by this mix). After all of the band or bleach area is wet, allow the piece to dry. Repeat the process, allowing complete drying between applications, until the colour of your choice is achieved. Now complete sanding of the item and apply the finish of your choice, bearing in mind that finishes which darken wood will also darken the bleached area. Bleaching



more than three times may cause some turnings to check or crack, particularly in the end grain. Bleach will seep through the end-grain sides of thin bowls and discolour patches on the inside. Bleaching does not hide technical defects. Sanding scratches and torn end grain will still show. Placing the bleach-wet piece in the sun speeds up the bleaching and drying process but may also crack the item. Any type of metal such as bits of steel wool left on your bowl will cause a stain because of the interaction of bleach and metal. The directions call for neutralising after each application of bleach. I didn't find that necessary in most instances but wiping off the dry foam left by alkali bleach with white vinegar can help you to see what is happening. Also, I didn't neutralise the surface at the end of the process. Be aware, however, that the white "dust" from the bleaching process is still slightly active when moistened. The changes in wood colour caused by these bleaches differed greatly from species to species and even the same species from different locations. Swamp kauri from Ngatea was turned a reddish brown by the acid bleach and creamy by the alkali bleach, while swamp kauri from Mangatawhiri was made brownish cream by both. Puriri was barely changed by the acid bleach and turned yellow by the alkali bleach.



Timber types top to bottom: puriri; swamp kauri from Takanini; swamp kauri from Mangatawhiri; swamp kauri from Hunua; pohutukawa; metal. Tests from left to right on all timbers: 1, 2 and 3 applications of alkali bleach; 1, 2 and 3 applications of acid bleach.