



Woodturners of St. Louis

A Monthly Publication of the Woodturners of St. Louis, Member of the American Association of Woodturners

August Meeting Sunday, August 25 1-4PM

**Woodcraft Supply
12511 Olive Street Road
Dierberg Heritage Center**

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JULY MEETING

We had 34 people attend the July 28, 1996 meeting.

We had 5 newcomers and several of them have already joined the club. The

newcomers are: Leon Kusher, Odell Daniels, Joe Emmons, Hal Harsin, and Russell Baring.

Announcements

Those who have not yet joined the local club or the national, please send your local dues of \$20.00 to Jim Wulfers, our treasurer, and \$25.00 for a general or \$30.00 for a family membership to: American Association of Woodturners
3200 Lexington Avenue
Shoreview, MN 55126
or call 612/484-9094, and charge your national membership. The national Magazine and the National Directory of members and turning resources is more than worth the price.

The Mark Twain Cave in Hannibal, owned in part by Robert Coleberd, 818-892-1121, is trying to establish an arts and craft center there. He has built a huge building and wants to have

woodturning, blacksmithing, pottery, ceramics, glassblowing, stained glass, candlemaking, woodcarving, demonstrations and gallery and gift shop there. He wants to staff it with local artisans. He has asked for a few people to volunteer to go up there in mid-September (after our symposium) and give him suggestions on equipment, tools and safety, and ideas for the gift shop. Any of those interested, please let me know.

Anyone interested in donating money or equipment to an organization now being formed called the African Blackwood Conservation Project in order to help save, replant, conserve, educate the public about Tanzanian Blackwood, also called mpingo, used in musical instruments and a favorite wood for ornamental turners, contact James Harris at P.O. 26, Redrock, Texas 78662, 210/839-4535.

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A new woodturning publication known as "More Woodturning" by Fred W. Holder, 950 South Falcon Road, Camano Island, WA 98292, 360/387-0349, (\$30.00 one year, \$50.00 two years) is due in October, 1996. He has a home page for the new publication at: [HTTP://Services.skagit.com/woodturning](http://Services.skagit.com/woodturning). He is looking for information links, writers, advertisers, and subscribers. He's an AAW member and editor of the Seattle Chapter Newsletter, currently the editor of Blackpowder Times and publishes the Blacksmith's Gazette.

The St. Louis Wood Carvers have shows in Collinsville, Kirkwood, and St. Louis. The St. Louis show will be November 30-December 1, 1996. Arrangements will be made so we can have a booth there. More details will be available at the next meeting.

Woodturning Schools

Arrowmont School of Arts

& Crafts, P.O. Box 567, Gatlinburg, TN 37738, 423/436-5860; and Dale Nish's courses is at Craft Supplies, 1287E 1120 South, Provo, UT 84606, 801/373-0919, have classes generally from March through August with world class instructors. The John C. Campbell Folk School, Route 1, Box 14A, Brasstown, NC 28902-9603, 1-800-365-5724, now has a new director for woodturning, Willard Baxter, from Tennessee. Willard is getting nationally and internationally known turners to come to John Campbell. Classes run this year from August through the first week of December and classes are already scheduled for January through March of 1997. By getting their course schedules and picking an instructor and time when you can go, any of these schools for beginning or advanced instruction can be a fantastic experience.

We received two new brochures for individuals offering woodturning, Abe Harper, 239 Buffalo Hollow, Berea, KY 40403, 606/256-5443. Course is for \$150.00 a day. John Jordan, 6320

Burkitt Road, Antioch, TN 37013, 615/941-1247, has three-day courses for \$500.00.

Of course, there are many other nationally known excellent turners who advertise for individual or small class instruction in their shops, and are listed in the back of the AAW Annual Directory, a most valuable publication for everyone who belongs to the American Association of Woodturners.

Show and Tell

Fletcher Hartline showed a double basin gold and silver leaf multi-axis turning and explained that when you do the leafing not to do too large of an area at one time. Only do an area that you can successfully work with and cover while it is properly tacky. He also had a face grain vase made of boxelder with lots of red that was beautiful, a multi-axis bat with a bump in it, and a set of graceful multi-axis turned legs for a tabletop that Binh Pho was working on.

Bob Schmitz had a beautiful piece made of ash with holes

in it and walnut with plastic wood put together with gorilla glue which he warned expands and is foamy. It was finished in tung oil.

Gary Johnson showed "Turning # 2" a beautiful upside down vessel made from purple heart and yellow heart suspended on a mono-filament fish line that would spin for 15 or 20 minutes on a beautiful base made of purple heart that was blackened with a torch.

Steve White showed how he drills holes at an angle into wood and then drives different colored dowels in at different angles so that when the piece of wood is turned, the dowels appear either as circles or tear drops. He also showed how to make pen mandrels from drill bits with a #2 Morris taper that he buys at surplus stores. He showed the fishing reels he's made from turned wood, an egg beater fishing rod, and explained the importance of properly displaying your work at craft shows and galleries. He will bring a sample of his collection of fishing lures to a future meeting.

Jim Wulfers fell in love with

myrtle wood when he was at a Provo, Utah symposium with Dale Nish and a class with Richard Raffan and showed us a beautiful myrtle platter and some miniature wooden barrels. He showed how a piece of wood with a straight edge can be used to check the bottom of the bowl to be sure that it is flat, and he loaned his new eccentric chuck to John Buehrer, who has turned some nice things with it and will bring to the August meeting.

Binh Pho showed his tea pot done in the Mike Hosalik style and donated it to the club. It is a creative and beautiful work. Binh also showed his Tea for Two, an artistically designed two spout tea pot with a cherry wood top that was darkened with lye and water and neutralized with vinegar. One tablespoon of lye to a gallon of water will work. It was suggested that an alkaline solution that's used to clean air conditioner coils will also darken wood. Be sure to neutralize the wood.

Dave Skinner showed his bottle stoppers made from taugua nut and dogwood.

Ken Schaefer had a beautiful piece from spalted sycamore and finished with urethane oil. Ken had a series of pieces of wood with different coatings on them, HUT wax, deft, and urethane oil and water-stained and tested all of them. He came to the conclusion that the urethane oil was the most water resistant. A series of charts showing the relative resistance will be included in a future newsletter.

July Program

Our July Program was about the Provo conference, National Conference and Arrowmont sessions attended by some of our members. Gary Johnson, who demonstrated how to make segmented bowls at the national AAW conference in Greensboro in June, showed photographs of the Instant Gallery at national, discussed some of the demonstrations that he had seen and how going to the National conference gets you excited to go back to your shop and turn, turn, turn. Gary also showed a

12-volt automobile tail signal light hooked to a little 12-volt battery charger with 2 wires taped to your turning tool, an excellent source of light to put inside a thin walled vessel so that you can see how thin the wall is.

When the light tone is constant, the wall thickness is constant, (you have to watch for end grain which will appear lighter) but a ridge will show as a dark line. 12-volt auto taillight works because the vibration doesn't break the filament. It costs a few dollars instead of the few hundred dollars that fiberoptic systems cost. Frank Sudol from Canada demonstrated his 12-volt system at the national.

Binh Pho demonstrated some new hook tools he bought at National and showed a parting tool with a moon shaped curve cut out of the top half which will allow you to use the parting tool on a curve, because the moon shaped portion fits around the outside curve of a bowl. Binh also attended a session at National on how to shoot slides for effective jury show presentation and concluded that instruction that Binh and Dave Wahl had previously given

covered the bases on what makes an affective slide. Binh emphasized that good slides are necessary to get into a juried show, because often a juror will only look at a slide for three seconds.

John Buehrer attended David Ellsworth's class at Arrowmont before going to National. His Arrowmont experience made him a better and happier turner. Like everyone who attends Arrowmont, he is again awed by the sharing of information and knowledge that is given by the top turners. That sharing really comes through at Arrowmont. The club voted to send a donation to Arrowmont's new woodturning center, which will be for wood working, woodturning, and wood carving.

Odell Owens, who also attended Arrowmont, encouraged anyone who wanted to have a wonderful woodturning experience to go to Arrowmont.

Jim Wulfers attended Dale Nish's Provo turning conference and handed out notes (a copy is included as pages 6 & 7 of this

newsletter) from Utah about the square edge bowl by Stuart Batty, the barley twist by Stuart Mortimer, a thin stemmed goblet by Allan Batty, how to chase threads by Bill Jones, the Saturn box by Hans Weissflog, and how to make a spear point scraper by Richard Raffan. Jim attended Richard Raffan's course after the conference and confirmed that there is an international family of sharing woodturners. He had a great time and learned a lot.

Bill Hammann also attended the National AAW and explained that he learned as much from the other participants as he did from the demonstrations. He was also awed by the Instant Gallery.

Dave Wahl showed photos of all of the tables at the AAW Instant Gallery and the different tables showing turnings by each of the chapters. Dave, who hates vibrations, showed how taking two pieces of sheet galvanize with a hole drilled in the end of each piece, put on a shaft with the grinding wheel, and balance them the same way a tire is balanced

by moving the two pieces of metal until the weight is distributed so there is no heavy spot, then a final balancing can be done on the grinder itself.

Joy of Turning

Ken Schaefer explained that we have 12 "responsible persons" to coordinate, not to do alone, different responsibilities for the September 14, 15, 1996 Joy of Turning. Richard Hong is in charge of the wood list and Dave Wahl the equipment and those lists are attached to this letter. We need 7 lathes for Leonard Hartline, a general 260 for David Ellsworth, and a lathe with a 1-1/4" x 8 TPI, #2MT for Al Stirt. Anyone who has the wood call Richard, 227-6793; or equipment, call David 993-4843; Call Dave Skinner 227-2256, if you can help with registration or door prizes; and Binh Pho 469-8902 to help with the Instant Gallery.

Door Prize

Wood Craft donated four prizes and members brought four more, so we had eight wonderful door prizes. Han

Neumann drew the names without peeking.

August Program

John Buehrer will demonstrate open bowls with the David Ellsworth grind and time permitting some hollow vessels. Jim Wulfers will demonstrate some things he learned from Richard Raffan including the use of Raffan's spear point scraper. Some final organization for the Joy of Turning will also be covered. Everyone should plan to be there

Challenge

The challenge for August is an open face bowl of any size or wood. Don't forget to bring things for Show-N-Tell, including blow-ups and disasters; and if you have any new tools, techniques, finishing tips, or problems to share or discuss, please bring them to the August meeting.

Calendar

September 14-15, 1996
Joy of Turning
Viking Conference Center
Holiday Inn Southwest
I 44 & Lindberg Boulevard

St. Louis, MO

Classified

Lathe For Sale
Craftsman, tubular frame, motor, switch, two tool rests, four tools on wood base and casted stand. \$100. Call Ace Trueblood at 965-3753 (Kirkwood, MO).

Bonnie-Kline Lathe, 4 Face Plates, extra drive belt, 3/8" Jacobs chuck, 3 jaw chuck, screw chuck, deep hole drilling guide, lathe mounted on a walnut stand. \$350

Call John Mulholland at (618) 785-2377 (Baldwin, IL)

Membership Directory

Chuck Dombek will be putting together a directory of members showing names, addresses and phone numbers. At the August meeting he will have a printout of the current information in the database for each member. Each member should review the sheet to verify that the information is correct. Chuck hopes to have the directories printed for the September meeting.

NOTES FROM UTAH - 1996

JIM WULFERS (314) 739-1819

STUART BATTY - England - Square Edge Bowl (approx. 8 x 8 x 3" -Redheart)

WORKING SEQUENCE:

- On screw center, top of bowl toward headstock, rough out underside of bowl with "V-cut" and form spigot to mount in 4-jaw chuck - face off center.
- Reverse the blank and secure in 4-jaw chuck. Form outside profile, work from center out (down hill) - rough at 1200 rpm, finish at 2000 rpm - tool rest close as possible - continue cutting sweep of gouge further than you think you need to because of the illusion while the work is spinning.
- Remount on screw center, finish shaping inside of "legs" and shape outside of bowl - do not remove spigot yet. Use steep bevel gouge to create deep, sharp corner at junction of legs and bowl.
- Remount in 4-jaw. Hollow inside of bowl - use "soft" entry with gouge (shallow bevel grind). Continue sweep of gouge on inside of bowl through bottom dead center.
- Mount bowl on scrapwood jam chuck, finish turning bottom of bowl (tap on scrapwood to remove bowl - the vibrations loosen it).

TIP - Sand Redheart through 400 grit - darker woods / finer grit.

STUART MORTIMER - England - Barley Twist

Definition: "SINGLE BIND" - Longitudinal travel of twist is equal to stock diameter.

- Turn stock to diameter. Mark with 8 longitudinal lines. Divide length of stock into easy fractions ($1/4$ - $5/16$ - $3/8$ ") and mark circumferential lines. Mark 8 diagonal lines around stock connecting whichever intersecting lines produce the desired twist. Can be Right or Left hand twist.
- Cut alongside diagonal lines with fine toothed saw - do not cut too deep - "chase" the saw kerf with a round wood chisel (gouge), cutting downhill (with the grain). Widen the groove with a series of rasps - vary the angle of the rasps to make the twist wider. Knock off the shoulder of the twists (grooves) with a small block plane. Sand with paper wrapped around a round edged board approx. $2-1/2" \times 24" \times 3/8"$ thick.

ALLAN BATTY - England - Thin Stem Goblet - $1-1/2" \times 10"$ tall - EBONY

- Turn stock round, then mount in 4-jaw chuck.
- Hollow inside of cup, sand, and apply finish.
- Shape outside of cup, sand, and apply finish.
- Stuff a piece of cloth into cup and support with live center.

From this point on, DO NOT TURN LATHE OFF until finished !!!!!

- Rough turn stem section to approx. $1/2"$ diameter.
- Starting at cup end, turn stem to final diameter - approx. $1/8"$ - using gouge, then skew. work approx. $3/4"$ of stem at a time. Make cuts toward tailstock end.
- When stem is finished, shape base of goblet.
- Sand and apply finish to base and stem.
- **PRAY !**
- Move tailstock away, supporting goblet in your hand, and part off.

ALLAN BATTY - continued

TIPS - Gouge angle: 30 degrees optimum for spindle work.

- Burr on scrapers: leave on for open grained wood, remove for close grained.

BILL JONES - England - Chasing Threads

- Use low speed - Use oscillating motion as you slightly roll chaser clockwise (inside thread)
- If fit is too tight, don't reduce diameter with chaser, use scraper.
- When learning to chase threads, start with coarse thread - it's easier to master.

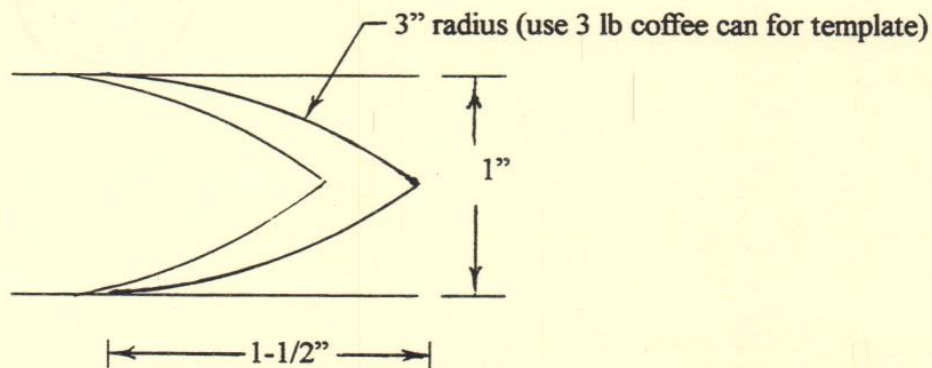
HANS WEISSFLOG - Germany - Saturn Box - 3" to 4" dia. Burl

- On band saw, slice off section of Burl for lid.
- Turn to cylinder between centers.
- Mount in 4-jaw chuck and hollow inside (use cardboard template), rough outside to shape and part off.
- Mount lid on jam chuck and finish turning outside (use template).
- Mount bottom section between centers and form spigot at bottom end of blank.
- Secure spigot in 4-jaw chuck, hollow center of bottom (use template). Form shoulder for lid.
- Turn "Ring" and sand it. Fit lid to bottom, rough turn outside of box bottom, part off.
- Mount on jam chuck, finish turning outside of box bottom (use template).
- Make angled parting cuts on both sides of ring with thin tool ground from needle file.

RICHARD RAFFAN - Australia - Spear Point Scraper

- Start with 1" wide scraper and grind as illustrated.

- **DO NOT** Allow Both Edges of tool to contact work at same time !!!



- This tool is very versatile for working the outside of bowls, plates, etc.

August, 1996

MEMBERSHIP APPLICATION * WOODTURNERS of ST. LOUIS

Name _____ Date _____

Street Address _____

City _____ State _____ Zip Code _____

Phone Number _____ Occupation _____

Mail this application along with your check for \$20.00 for one year's dues to:

**Woodturners of St. Louis
11808 Birmingham Drive
Bridgeton, Missouri 63044**

**Applications for membership in the American Association of Woodturners
are available at each Chapter meeting**

Woodturners of St. Louis
c/o Chuck Dombek, Editor
113 Fiesta Circle
St. Louis, MO 63146



David C. Wahl
10041 Conway Road
St. Louis, Missouri 63124

**AUGUST MEETING
IS August 25th!**

63124+1237

