

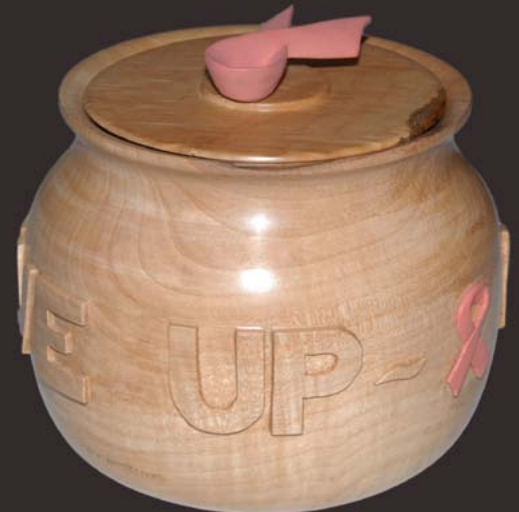


March 24, 2012

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"Never Give Up"
Maple Bowl with
Cherry Bow
(Painted Pink)
by
Jim Oates



Silver Maple Bowl
by
Nate Hawkes



The Wood Spinner

Central Virginia Woodturners <http://www.centralvawoodturners.org>

CVW Newsletter - March 2012

President's Corner

Happy Easter to all. Isn't this weather gorgeous? The unseasonably warm weather woke up the flower bulbs and tree blossoms, and the grass already needs mowing more often than I'd like. Yard work is starting to get in the way of turning. Speaking of turning, if you didn't attend Barbara Dills demo on March 24th you missed an outstanding performance of an extremely talented turner. We had one of the best attended demos in several years and the silent auction took in a record level of sales.

Our master scrounger of wood, Denny Martin and several other club members traveled to the Amherst area recently and brought back trailer loads of Black Walnut. I suspect you will see some of it in the silent auction this month. Also, I was recently contacted by a wood turner from Waynesboro, who was not a club member, who needs to dispose of a large volume of dried wood. He is donating it to our club. Most of it is thick slabs, with billets and boards mixed in. I need a few volun-

teers to help move the wood on a weekend starting around April 28/29. A pickup or trailer would be ideal.

Sadly, I won't be at the April meeting on the 17th as I will be in Florida looking in on my aging mother. I regret that I'll miss Don

Voas' demo of end grain turning. He is an excellent turner and an equally talented demonstrator.

If you haven't paid your 2012 dues yet, April 17th is the dead line to avoid being moved to the inactive member list. If you want to continue your membership and won't be at the meeting, please call or email me or Treasurer Richard Landreth at:
Tom 540-946-4891
tandjinva@comcast.net;
Richard 540-885-4209
retiredin2005@gmail.com



Be safe. Use your eye, ear, face and dust protection! I hope to see you all in May.

Turn'n Tom (Evans)

The next club meeting will be Tuesday, April 17, 2012 from 7:00 pm to 9:00 pm. Don Voas will demonstrate turning "biscuits" or end grain pieces. Bring items for Show & Tell, and names will be drawn for the gift certificate giveaway. There will be a Silent Auction, and the Club Store will be open.



March 24, 2012 Minutes
Crimora Community Center
Central Virginia Woodturners Club (CVW)

Officers

President: Tom Evans
Vice President (Programs): Dennis Hippen
Second Vice President: Nate Hawkes
Treasurer: Richard Landreth
Secretary: Jim Oates

Key Functional Support Offices

Librarian: Hal Green
Video Crew: John O'Neil
Newsletter Editor: Dennis Martin
Web Master: Tim Quillen
Store Manager: Kirk McCauley
Food Coordinator: Dick Miksad

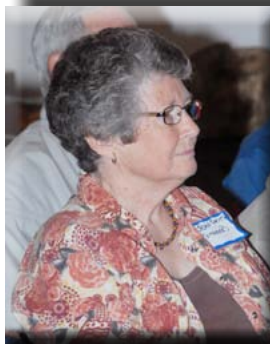
The General Meeting:

OFFICER'S REPORT

Attendance: 35

Guests:

Jim Lamb
Larry Mayer
Al Reason
Jean Smith
Bob and Martha Davis



The General Meeting:

Tom Evans opened the meeting promptly at 10:00 after a social hour with coffee and doughnuts.

New members and visitors were welcomed.

Treasurer's Report - The Treasurers report will be published in the newsletter. The current balance is \$1,434.00 and the equipment fund stands at \$636.00.

Those members that have not yet paid their dues will be moved to the prior members list if the dues are not received by the April meeting. Fifty-eight paid members are on the role as of March 24.

The Library has several items that have been checked out for an extended period. If you have one of these please advise Hal Green if you still have the item.

Tom announced a 50/50 raffle that will be drawn at lunch time. Proceeds were \$47.00.

Denny Martin announced he has Box Elder, Silver Maple and Jackson Prayer tree at his farm that is available.

Maple Platter by Nate Hawkes





CENTRAL VIRGINIA WOODTURNERS CLUB MONTHLY FINANCIAL REPORT
 AS OF : 3-25-2012

\$1,717	OPENING BALANCE	
	REVENUE/DEPOSITS	
	\$140.00 Dues	
	\$545.00 Demo Entry Fees	
	\$97.00 Silent auction	
	\$317.00 Club store sales	
	\$47.00 Raffle	
	\$100.00 Change Fund	
	\$.00 Equipment Fund	
	\$26.00 Other (DVD Sales)	
	\$124.35 Reimbursement from Equipment Fund for new microphone	
	Deposited: 3-25-2012	
\$1,396	TOTAL REVENUE/DEPOSITS	
	EXPENDITURES	
	\$40.00 Dues reimbursement for club resignations	
	\$29.00 Bank fees for returned checks and balance adjustment	
	\$100.00 Change fund for demonstration	
	\$29.00 Check orders	
	\$169.00 Annual Insurance	
	\$35.09 Keys, Chair Glides, and Table Covers	
	\$440.00 Demonstrator's Fee	
	\$192.19 Food for Demo	
	\$632.49 Club Store	
	\$12.00 Equipment Fund	
(\$1,679)	TOTAL EXPENDITURES	
\$1,434	CLOSING BALANCE	Checking Account)
	Excludes:	\$30.00 Treasurer's change fund
		\$30.00 Club Store change fund
		\$636.00 Equipment Reserve Savings account
	Total exclusions	\$696.00

NOTE: * At the end of the March meeting we had 58 paid club members
 Some totals are rounded to even dollars for ease of reading



Show and Tell was Show only.
 Telling about each project was eliminated to reserve the time for Barbara Dill's demonstration.

Show pieces created by members begins on the next page.....

Show and Tell:



Nate Hawkes – brought five Silver Maple cored bowls; 3 were natural edge. The smallest was bark on and he also had one walnut bowl.

Dennis Hippen – had 4 large Jackson Prayer Tree Oak bowls cored and finished nicely. Amazingly there were no cracks in any of them. Dennis must be in consultation with Starke. That coring machine is working well.





Don Voas - Had a very attractive Box Elder platter; a Cherry bowl with a narrow foot and a broad brim, cherry a bowl with a higher brim and one turned end grain that made each distinctly different.



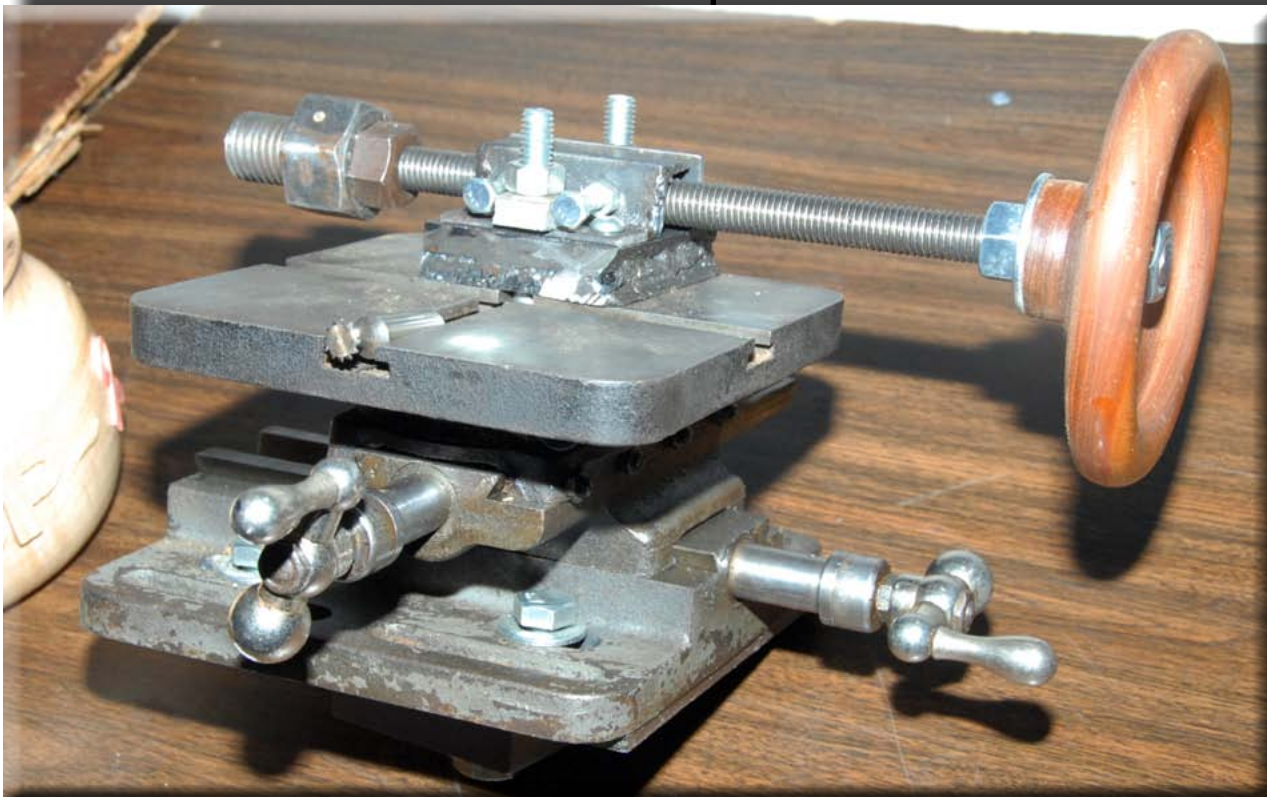
Charley Wenzel - Showed a Mimosa hollow form bowl with a very distinctive grain.

Be careful when tuning memosa, because the dust can be an irritant. Be sure to wear a good respirator, or preferably a full-face air filtration system like the Trend - contact Phil Evans for more details about his brand.... editor.



Jim Oates – brought a Tiger Maple lidded bowl with a pink ribbon finial and “Never Give Up” carved around the middle. The lidded bowl was to celebrate the 10th anniversary of his bride’s having won the battle over cancer. Jim’s carving abilities are frequently shared with club members and guests, but this piece is particularly special. See the front cover for pictures of all three sides.

Jim also brought a shop built threading machine for hollow forms, boxes and lids. Built on an X-Y table frame, it is modeled after the very nice and very expensive Baxter threading machine. Nice job.





Kirk McCauley – had two extremely large Monticello Tulip Poplar bowls. One had a brass spike from one of the fasteners for the cable used to ground the lighting rods in upper sections of trees to protect the aged trees. Both were very thin natural edge bowls nicely finished. Regretfully Kirk didn't bring in the gouge he was using when he found the spike.

Stark Smith – Had three cored White Oak bowls with natural edges, and the smallest had the bark on it. That new coring machine is working well. Starke has refined ways to keep white oak from cracking.





Bill Jones - brought in a large unfinished platter still attached to the face plate that has good possibilities when finished. All club members are encouraged to bring in any turning to obtain advice or recommendations from some of the more experienced turners. It is a great way to learn new techniques and how to deal with problems. Experienced turners have faced just about any problem out there, and are ready to help in any way. The club appreciates Bill and others that are willing to bring in partially completed pieces or pieces that have major flaws. Note Dennis Hippen's experience of an exploding bowl in the February newsletter. Perhaps we should have an "Ugly Bowl of the Month" contest to encourage members to bring in their "Good Grief" bowls, which would help many that are relatively new to wood turning.....Editor.



Denny Martin - brought a simple scraping tool that he has yet to test. It is a simple piece of round bar stock with a 1/2" hole and set screws for a carbide round-nose router bit mounted in the end. It is a copy of someone on the Internet that makes a similar tool. A brief test report is expected at the next meeting.



The Silent Auction functions as a means for those that have too much wood to share it with those that could use pieces to turn. Maple, Cherry, Montecello Yellow Poplar, Oak, Walnut, Memosa and other species regularly are available. The

Silent Auction



bids provide additional needed income for the club. Often nice pieces sell for only \$1 - \$5. Members have a long history of sharing their valuable wood supplies.



Turners Resources.....by Editor

A recent edition of AAW (American Association of Woodturners) magazine, the *American Woodturner*, provides the following in their Calendar of Events section: Sept. 15-16, 2012, Virginia Woodturners' Symposium, Expoland in Fishersville. Featured demonstrator, Jimmy Clewes, will demonstrate both days. Hands-on sessions set this symposium apart from others with 4 rotations of 12 workstations each. Attendees will receive in-depth, up-close, hands-on woodturning instruction from individual mentors. New turners welcome. Visit virginia-woodturners.com for developing information. (Repeat)

Reminder: It was proposed at the January, 2011 meeting that members with their last names beginning with A to M come early for set up, and those beginning with N to Z stay late to clean up. You are encouraged to do both.



Turners Resources.....Continued

Available Wood at the Martin Farm



Stonewall Jackson Prayer Tree - A substantial amount of Prayer Tree wood is still available, and much of it is solid wood. Estimated weight 4,000 lb.



Grottoes Box Elder - Several nice pieces of this exceptional box elder are still remaining. The red color of the heartwood is outstanding. Estimated weight 1,200 lb. Charlie Conners also has a supply.

Cemetery Norway Maple

- A few pieces of this maple are remaining. Estimated weight 400 lb.



Waynesboro Silver Maple - A substantial amount of Silver Maple is still available. Pieces are as large as 4' and as small as 16". It has some ambrosia staining. Much would make excellent natural edge, bark-on pieces. Estimated weight 8,000 lb.



Amherst Black Walnut - A trailer load of Black Walnut is waiting to be turned into something useful. Recently acquired, the pieces range from about 40" to about 10". This wood had been cut some time back and the bark is slipping. Some of this wood could be candidate material for platters. Estimated weight 9,000 lb.

Contact Denny Martin - Bring your own chain saw or I can assist with my Stihl. I even have a loader/backhoe to assist with moving and loading this wood. You may even be offered a tour of the farm & shop.

Buy & Sell Section

Turners Resources.....Continued

Buy & Sell Section: This space will be dedicated to featuring things that are for sale (i.e., tools, lathes, wood, turned items) or things that members are seeking to purchase. Please submit the items you wish to sell with any pictures prior to the publication of each newsletter. Because the newsletter completion date is so variable I suggest you call or email the newsletter editor with your information. Ads are usually run for two months. If you are seeking to purchase something and want to advertise in this venue please submit a written description to the editor:

Dennis (Denny) Martin, 272 Buffalo Branch Ln., Swoope, VA 24479
540-337-7716 ursus@mgwnet.com

Lathes For Sale Repeat - (From Starke Smith) Starke, I am taking your advice and making plans to get a Powermatic 3520B lathe. However, I need to get rid of the two machines I have first. If you run across anyone who wants either a Shopsmith Mark V or a Powermatic Model 45, please ask them to contact me at 'mayeralm@comcast.net' or call me at home - 540-885-6984. I will negotiate on the price for either or both. I have attached pictures in case you need them. Both are in good running condition. I re-conditioned the Powermatic (re-painted, new 1 x 8tpi spindle, new Leeson 3/4 hp motor and new belt on the step pulley). The Shopsmith includes a bandsaw and a biscuit joiner attachment plus lots of accessories. Thanks for anyone you send my way.....Larry Mayer (Gail's husband)





Buy & Sell (Continued)

From Lucy Cruise, Sec. of the Smith Mtn. Lake Woodturners, via Roger Chandler & Starke Smith
 Hello fellow woodturners.

As secretary of the Smith Mountain Lake woodturners I agreed to help one of our founding members, Johnny Weaver, post a notice of sale of his woodturning equipment. Johnny is retiring and is selling his equipment. I secured your e-mail addresses from my personal contacts as well as contacts listed for local symposiums. If you would, please forward this information on to the proper person in your respective clubs, Johnny will appreciate your efforts.

For Sale: Woodworking Equipment

Contact: Johnny Weaver
 540 721-4183 H
 540 352-8599 C

Stubby 750 by Omega wood lathe. Like new. Less than 30 hours of use - stand included	\$ 4500.00 OBO
Jet 1214 mini lathe. 3 extra tool rests. Extra heavy duty stand.	\$ 300.00
Oneway stronghold set of collet jaws	\$ 50.00
Jet model DC-100 dust collector (like new) Extra hoses	\$ 350.00
Two (2) Jet filtration systems, can be hung from ceiling	\$225.00 each
Lingomat moisture meter- Mini Lingo E model. 6%-36% H2O.	\$65.00
Central Machinery 7" joiner. 1hp. New.	\$175.00
Delta planer. 12" x 6". 2 extra set of knives. Stand included.	\$200.00
Craftsman 10" table saw-Cast iron bed. NO MOTOR. Carbide tooth blade.	\$75.00
Oxygen-Acetylene torch kit with bottles, gauges (US Made), and cart.	\$300.00

Equipment is located at Smith Mountain Lake Va. Feel free to call with any questions or additional information needed.

Thank you for your help.

Lucy Cruise



Contributors Section

From Jim Oates:

Denny,

I was on the AAW (web) site and saw a new feature for beginning woodturners <http://www.woodturner.org/community/Archivednewsletters/#top>

This looks like it is worth a membership for any beginning woodturner with a lot of basic info that experienced people don't usually remember to pass on as well as a good selection guide on lathes and their capabilities for after the turner gets a little experience and gets a better idea of what their interests are. There are also some good references on sharpening and tool selection that answers a lot of beginner questions. I wish they had this when I started. I would have advanced faster with this kind of information. This section alone would be worth the dues for a beginner.

Jim

Note from Editor: From the AAW web site (above) you are directed to an article and several videos entitled "Welcome to Woodturning Fundamentals!" I agree with Jim that this would have been a great resource for me when I began turning several years ago, although I find it still provides insights and suggestions that are even now - after making countless mistakes and poor decisions - helpful. Again, repeating the recommendations from the previous page, being a member of the AAW and receiving the magazine and emails, provides the woodturner with invaluable information. If you aren't a member you are encouraged to do so.

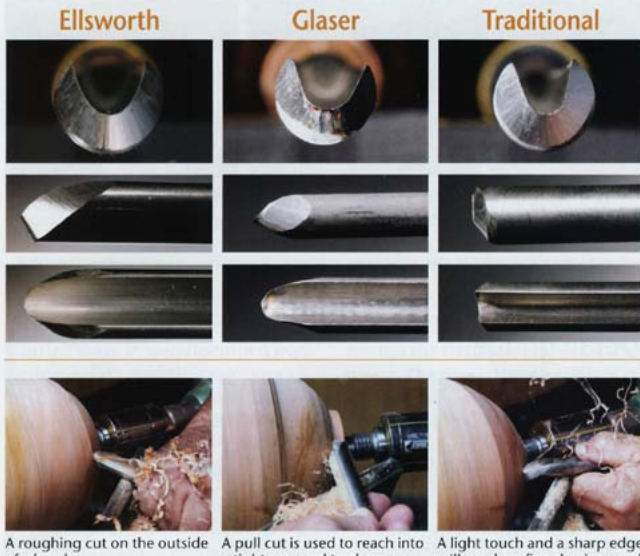
Contributors Section

This is a new section of the newsletter that will be dedicated to articles, emails, and topics that are provided by our membership. You are encouraged to write articles, product or tool reviews, make suggestions about club meetings or the newsletter, or provide pictures and some text about something or someone that interests you. I would be most pleased to help in any way, including the photography or writing or with suggestions on topics. Please give me a call or send an email to Denny Martin (540-337-7716 or ursus@mgwnet.com)....editor

Contributors Section

Turners Resources.....Continued

Bowl gouge profiles



A roughing cut on the outside of a bowl.

A pull cut is used to reach into a tight area and to clean up torn grain. For an even finer shear-scraping cut, rotate the tool slightly clockwise and drop the handle.

A light touch and a sharp edge will produce fine shavings and a cleanly cut surface on the outside of a bowl.

From Fred Williamson: "I am attaching two shots scanned and resized from the Oct 2011 American Woodturner. I think they are most useful for describing bowl gouge grinds and resulting cutting angles that can be done with them. For the newsletter? fred". The article is a Guide to Gouges by Joe Laresse (Pg. 21-25).

You are encouraged to become a member of the American Association of Woodturners (<http://woodturner.org/>) as an excellent wood turning resource for both beginners and professionals. Among other reasons, membership provides a Members Only section that provides access to Symposium information, archived issues of previous editions of American Woodturner magazine (worth the price alone), a membership directory, section on teaching guides and several other topics.

Medium bevel, positions one through five

Tool Placement for Cutting Inside a Bowl



Ellsworth-grind bowl gouge



Traditional-profile grind



Glaser gouge, ground with a long bevel



Demonstration:

Barbara Dill - Multi-Axis (MA) Turning



Dennis Hippen introduced Barbara Dill, the guest demonstrator for the day. Barbara is a member of the Richmond Woodturners and has recently had an article on her unique multi axis woodturning published in the American Association of Woodturners Journal. She has been doing serious multi axis turning since 2006 although she did her first as early as 1993. She began by working on developing a system of planning her MA turnings and explained this system well in her Power Point presentation. Her technique makes daring use of high speeds to make intermittent turning more smoothly. Beads result from turning to the solid wood and arcs can be "air" turned to make a wide variety of forms. Her 4 quadrant pass out explained parallel and twisted forms that can be made using a variety of centers. It also helped to achieve effects by explaining the proper planes to locate centers.



Barbara Dill's demo started with basic techniques and progressed to much more sophisticated and technically challenging multi-axis (MA), multi-piece turning projects. It became abundantly clear as her demonstration progressed that the variations on the MA theme are limitless.



By simply moving one or both ends of the axis (either the center of the drive center or the center of the tailstock live center, or both) amazing things begin to happen.



Not unlike turning bowls with a natural edge, MA turning requires the adjustment to a "hit-skip" style of cuts. Note the "ghost" or "air" wood as the piece turns. It was also observed that not unlike many professional turners, Barbara turns at exceptionally high speeds. This in turn provides a more finished product. At one point the RPM counter on the lathe read 3,440, which is considerably higher than the editor has ever worked on a piece. It is important to remind readers of the previous newsletter which provides important recommendations on setting lathe speeds and safety. Turning a large bowl at this speed is asking for trouble.....editor.

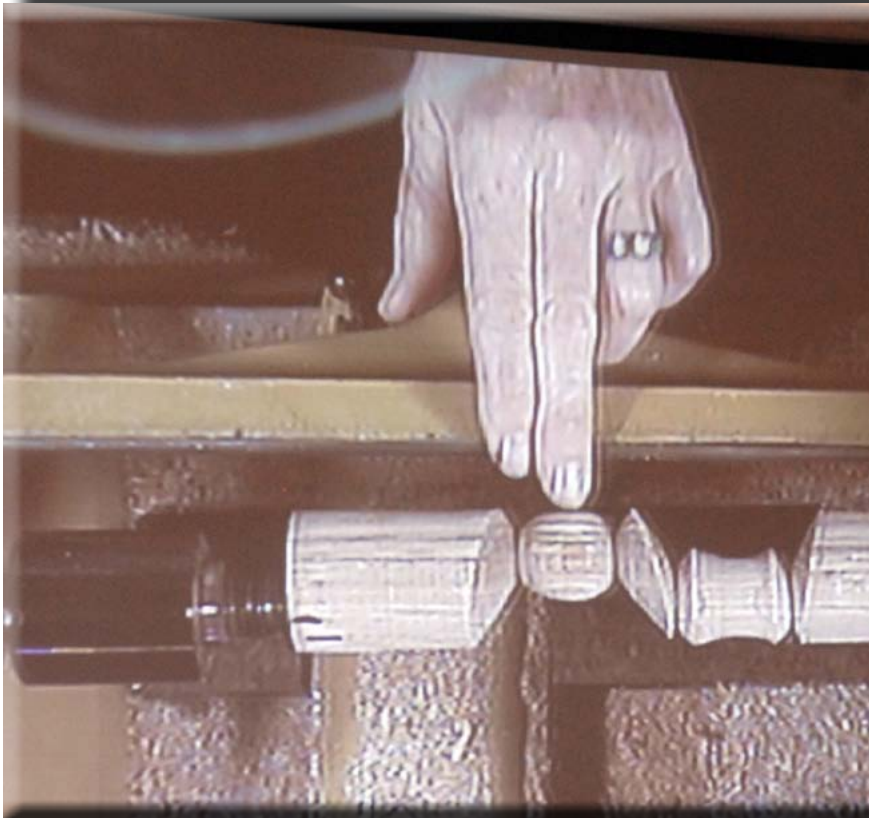




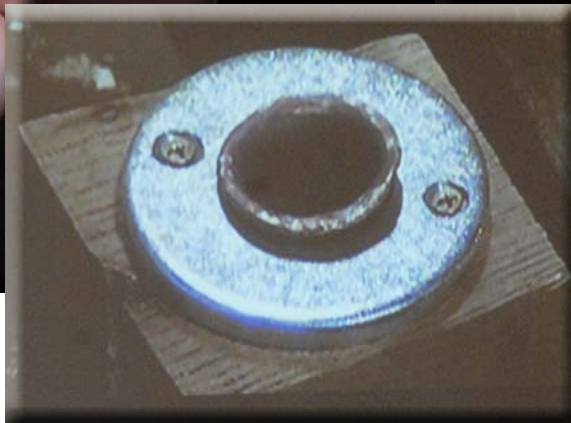
Barbara prefers a 4-prong drive center with an adjustable centering pin. She used this drive center for all her turnings. Surprisingly she used very few turning tools.

Moving both axis the same amount in the same direction can result in cones. Be aware, however, that MA turning does take some practice.





By moving both axis and frequently stopping the lathe to check progress, the variations realized are astounding. Unique candlesticks can be the product. Barbara even makes a copper cup to hold the candle out of a copper pipe cap.



The end cap edges are beat flat with the round end of a ball-peen hammer.



Thinking and planning are important. Organizing these ideas will result in one of four options (see below the handout Barbara provided - available on her web site).

HOW TO ORGANIZE THESE IDEAS

RESULTS/OUTCOMES:

ARC ↓

CIRCULAR ↓

VARIABLES:

AXES: QUADRANT 1: PARALLEL, ARC

-PARALLEL AXIS

(DOES NOT CROSS THE CENTER AXIS)

-PROFILE :

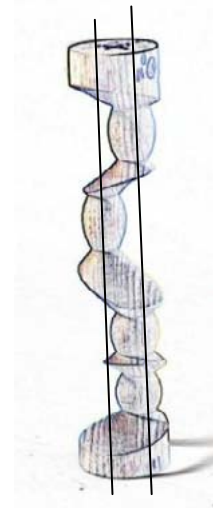
(STRAIGHT, V-CUT, AND/OR CURVED PROFILES)

(OTHER VARIABLES

INCLUDE: AXIS: 1) THE MANY OPTIONS FOR AXIS PLACEMENT AND NUMBER OF AXES USED; 2) DISTANCE FROM CENTER AXIS; 3) THE WAYS TO CONNECT THE AXES; 4) WHICH AXES TO USE TO FINISH THE PROJECT and PROFILE: 1) SYMMETRY OF PROFILES AND DEPTH OF CUT); 2) THE SIZE AND SHAPE OF THE WOOD



QUADRANT 3: PARALLEL AXIS, CIRCULAR



QUADRANT 2: TWISTED AXIS, ARC

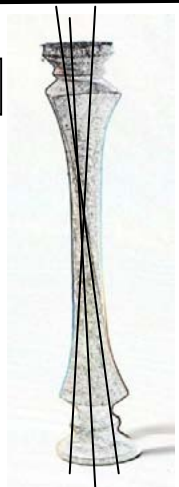
→
TWISTED AXIS (CROSSES THE CENTER AXIS)

PROFILE :

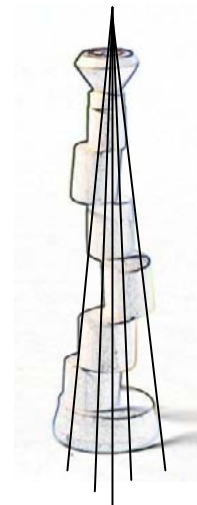
(STRAIGHT, V-CUT, AND/OR CURVED PROFILES)

(OTHER VARIABLES

INCLUDE: AXIS: 1) THE MANY OPTIONS FOR AXIS PLACEMENT AND NUMBER OF AXES USED; 2) DISTANCE FROM CENTER AXIS; 3) THE WAYS TO CONNECT THE AXES; 4) WHICH AXES TO USE TO FINISH THE PROJECT and PROFILE: 1) SYMMETRY OF PROFILES AND DEPTH OF CUT); 2) THE SIZE AND SHAPE OF THE WOOD

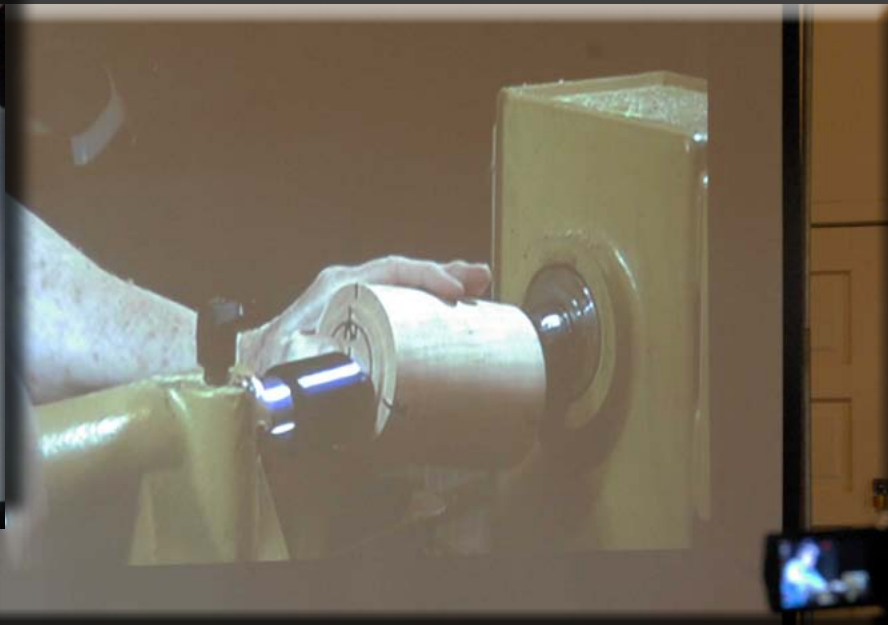
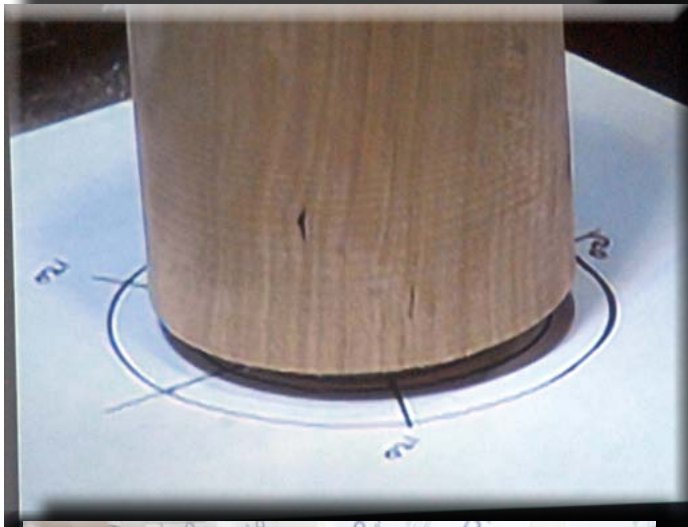


QUADRANT 4: TWISTED AXIS, CIRCULAR





It was clear Barbara Dill has given many demonstrations. Other than a few glitches with the audio system, which she handled most professionally, her presentation was very well organized, her teaching technique was exceptional, and her props/examples provided a small sample of the variety of MA turnings possible.



Those that were unable to attend miss some great treats for the break and an great lunch

A simple template speeds that marking of the quadrants.

By marking three quadrants on both ends of a piece, and progressing in a 1-2, 2-3 and 3-1 manner, a spiral turning can be the result.



A simple plywood template was used to gauge the width of a tenon for her 4-jaw chuck. Great idea and easy to make.





Other than a traditional parting tool, Barbara used only a traditional ground bowl gouge (above), and a double bevel spindle gouge ground with wings (below).



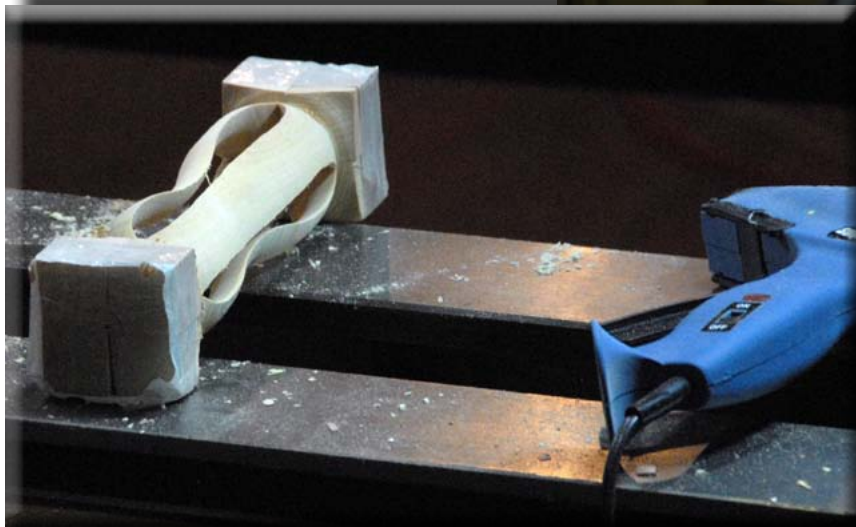


Combining four identical pieces of wood with a dab of hot glue on each end and wrapping the ends with fiberglass reinforced shipping tape, Barbara turned a simple design on the outside edges. They were then separated, rotated 180 degrees, and re-glued and taped to again be turned.



Parting the pieces and re-gluing and taping these same pieces after rotating them 180 degrees and turning them resulted in a particularly impressive result as seen below.

Hot gluing and taping four identical pieces of wood and turning them as above, was a variation on the MA process



These pieces would make an extraordinary candle holder.



Some of my first MA turnings. Middle one is the very first try after I saw some MA turnings in 1993

ONLY BASIC TYPES OCCUR WITH MULTIPLE AXES; ARC AND CIRCULAR

Cut is shallow, never reaching the solid wood.

Cut goes to the solid wood of new axis

CIRCULAR TYPE

- HORIZONTAL CROSS SECTION IS CIRCULAR
- WHY?
NEW CUT IS DEEP ENOUGH TO GO TO NEW "SOLID WOOD" AND CREATE A NEW CYLINDER

BASICS OF THE AXES #1

Axis Placement

Any number of axes can be used.
The placement of the axes can be geometrically asymmetric in the plane parallel to the center axis, or in different planes, close to the center of the spindle or the center of the spindle.

And on and on...

Multiaxis Conceptual Model

Variables	Arc Type	Circular Type
<p>Parallel Axis (Does not cross center axis)</p> <p>Other variables Profile: straight, curved, or V cut, symmetry, depth of cut</p> <p>Axes: number of axes used, the many options of axis placement, distance of new axis from center, various ways to connect the axes, the axes used to combine a spindle to another separate element</p> <p>Wood: size and shape of wood</p>		
<p>Twisted Axis (Crosses center axis)</p> <p>Other variables Profile: straight, curved, or V cut, symmetry, depth of cut</p> <p>Axes: number of axes used, the many options of axis placement, distance of new axis from center, various ways to connect the axes, the axes used to combine a spindle to another separate element</p> <p>Wood: size and shape of wood</p>		

Barbara stressed the importance of planning and learning the basics. Her excellent slide (PowerPoint) presentation made these concepts more clear. She would show examples from the many she brought for her display table.

BASICS OF THE AXES #1

Axis Placement

How this looks while turning:

AXES TWISTED AT BOTH ENDS;
SAME PLANE

CENTER AXIS ON RIGHT; NEW AXIS ON LEFT

AND, IN WHICH PLANE ARE THE AXES, IN RELATION TO THE CENTER AXIS

Figure 2. These planes intersect the center axis. The diagram can help with visualizing placement of the new axes in relation to the center axis and to each other.

BASICS OF THE AXES #2

THE DISTANCE OF THE AXES FROM THE CENTER AXIS

Center

END VIEW OF SPINDLE

BASICS OF THE AXES #3

TRANSITION POINTS BETWEEN EACH AXIS

V cuts on center axis

Discs
Curved discs
Bead on axis

BASICS OF THE AXES #4

CONNECTING THE SPINDLE TO A PROJECT OR FINISHING A TURNING ...WHICH AXIS?

ANY AXIS CAN BE USED, EVEN AXES THAT WERE NOT USED TO MAKE THE SPINDLE

CENTER PARALLEL TWISTED

BASICS OF THE PROFILE #1

1) SYMMETRY OF PROFILE ELEMENTS

SYMMETRICAL AND ASYMMETRICAL PROFILES

BEADS

COVES

ANGULAR CUTS

SIZE/SHAPE/ORIENTATION

OTHERS

Hosaluk

Sferri

Stoney Lamar

Escoulen

Barbara Dill's PowerPoint (slide) presentation was very done. It added variety to her demo, and it was the best way to describe some of the more abstract ideas and concepts the MA turning offers. Bringing this information to her audience would have been impossible without this technology. We would like to thank Barbara for allow us to include a few of her slides in this newsletter. To learn more acquire Barbara's excellent DVD on MA turning.

HELPFUL HINTS

- Turn spindle round
- Press holes in wood between centers
- Number **CONSISTENTLY AND CLEARLY**
- Use chalk to find axis **IF CONFUSED**
- High speed and sharp tools
- About tools (type, sharpening angle)
- Safe driver vs. four prong drive center
- Sanding
- Depth of cut
- Make sample pieces and take notes

If you are among those that missed Barbara's demonstration you missed a very good one. It is no wonder she is in demand by many clubs. Barbara has also been a demonstrator at the Virginia Woodturners Symposium in the past. Not only is she a well prepared demonstrator, she is a very nice, gracious lady that is willing to talk and help. The club and those that attended the demo are most fortunate to have her grace our humble gathering.....editor.

To see pictures of Barbara's studio and shop visit:
<http://photographybyjoelle.com/blog/?p=3266>.
To contact Barbara or to purchase her DVD please visit her web site: <http://www.barbaradill.com/>

