



Sycamore Bowl
by
Phil Evans



February 21, 2012

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Segmented Holly
Plate by
Hal Green



Nest of Bowls
by
Kirk McCauley



The Wood Spinner

Central Virginia Woodturners

<http://www.centralvawoodturners.org>

CVW Newsletter - February 2011

President's Corner

Well, the February demonstration sure was interesting and entertaining. Kudos to Dennis Hippen for trying something different- two turners at once. I really enjoyed watching two turning styles using different tools. Thank you Phil Evans for agreeing to participate. It can be a little scary if you are not used to speaking or performing before a group of people. I thought it was very creative how Phil arranged for his wood to break loose. The process of getting it remounted added a new tool to my turning memory.

Don't forget, everyone, there is NO regular meeting in March.

We will have an all day demonstration by the "Queen of Different", Barbara Dill, on Saturday March 24th. Doors open

@ 9:00am for "tea and crumpets" and the demonstration runs from 10:00-3:00 with a lunch break. PLEASE, RSVP to Jim Oates when the meeting notice comes out. WE need a good estimate of attendees or we risk running out of food.

Finally, DUES are DUE. All dues must be paid no later than the April meeting to remain on our active member's list and to continue having access to the web site and receive newsletters. I'm looking forward to seeing you all on the 24th. Come on Spring!

CVW President,

Tom Evans



The next club meeting will be Saturday, March 24, 2012 from 10:00 am to 3:00 pm. for Barbara Dill's demonstration. Bring items for Show (no Tell), and names will be drawn for the gift certificate giveaway. There will be a Silent Auction, and the Club Store will be open.



February 21, 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

Attendance: 54 members and guests.

Visitors Recognized:

Larry Carpenter
Tom Reeves
Dave Chezle
Adrianna Arbo-Yak

The following officers were not in attendance:

Jim Oates.

The General Meeting:

OFFICER'S REPORT

Tom Evans turned 65 and still can conduct business flawlessly.

Discussion centered on the new mikes and receiver John O'Neal had obtained off the internet. Some work is required to bring less interference from the lathe controls.

Dennis Hippen, Programs VP, announced that the Barbara Dill Demo will be held Saturday March 24 - \$15 for members \$20 for non-members free for students. Set up at 2:00 Friday The 23rd. Dave Potter volunteered to provide coffee for the occasion.

Richard Landreth - caught a nail in a bowl he was turning and had to have 8 stitches. His wife won't allow him in his shop without a full face mask. Not a bad idea for any of us.

Don Voas - Prayer Tree report - Donations from OASIS show came \$1693.00 and that has now ended.

Four proposed new venues:

1. Virginia Historical Society - 50/50 purchase up front or 70/30 on consignments
2. Virginia Confederate Museum needed large quantities
3. VMI Lexington - Two locations: Stonewall Jackson House and Hall of Valor located at Newmarket but probably need a bigger volume than can be provided.
4. Grand Caverns is the best offer at 75/25.

Grand Caverns Day - Dennis Hippen made a few brief comments about **Grand Caverns Heritage Day's** events that will be held on June 16, 2012, and individual wood turners are welcome to bring their turnings for sale from 10AM -?. Miles Everard has handled the reserving of a space and paid a small fee. Miles will have his signature Trolley Car on site and he indicated that there is plenty of room for interested turners to join him in the same area. Call Miles at 540-949-7947 to participate. Go to www.GrandCaverns.com for more information on the all day celebration activities.

Entering the CVW web site and newsletter in the annual AAW competition was discussed. Members will vote - Mars Champaign and Nate Hawkes volunteered to be National judges.

Tom Evans discussed what the club would do in bad weather. We cancel if Augusta County closes schools and will post it immediately on web site.

The silent auction was followed by Show and tell. Denny Martin, Jim Kueck and Kirk McCauley won the \$10 gift certificate drawing.



CENTRAL VIRGINIA WOODTURNERS CLUB MONTHLY FINANCIAL REPORT
 AS OF : 2-28-/2012

\$1,259

OPENING BALANCE

REVENUE/DEPOSITS

\$299.00 Dues (includes \$440 deposited in December)

\$30.00 Demo Entry Fees

\$52.00 Silent auction

\$334.00 Club store sales

Raffle

Change Fund

\$150.00 Equipment Fund

\$10.00 Other (DVD Sales)

\$1.00 Donation

Deposited: 11/7/2011

\$1,519

TOTAL REVENUE/DEPOSITS

EXPENDITURES

Kirk McCauley - Reimbursement for Club Store purchases

\$23.00 Meeting Supplies (badges, pens)

\$61.00 Deposit to Equipment

Quarterly Rent for Crimora Building

\$60.00 Two-year subscription for Woodturning Design

\$124.00 New Microphone

-\$268 TOTAL EXPENDITURES

\$1,867

CLOSING BALANCE

(Checking Account)

Excludes: \$30.00 Treasurer's change fund

\$30.00 Club Store change fund

\$624.00 Equipment Reserve Savings account

Total exclusions \$747.00

* At the end of the January meeting we had 57 paid club members

* We have totally reimbursed the Equipment Reserve Fund for the bulk purchase of Anchor Seal

NOTE:

Some totals are rounded to even dollars for ease of reading

Visiting the AAW Members Gallery Forum | found that our very own Roger Chandler has posted some of his turning from the SJPT white oak. Nice job Roger. Wouldn't it be nice to have more work from CVW members represented in this way. I have spent some time on this site to see what others are producing and studying form & finish.....editor



Show and Tell:

Fred Williamson - Explained that the Monticello Poplar has been dated back to 1822. He also discussed the benefits of CBN grinding wheels and brought his grinder that sported two of these heavy wheels. He also explained how a hand held butane lighter can be used for detailing bowls.



Tom Evans - Showed a large Wild Cherry bowl with a lot of embedded fence wire that made turning challenging. He also showed a natural edge Walnut bowl and a spalted Oak bowl.





Phil's large sycamore bowl is being held up by Dennis Hippen - great picture of Dennis



Phil Evans - showed several Walnut bowls and a huge Sycamore bowl. He is working on an electrical hoist to lift pieces onto his lathe that he may consider producing for others.



Hal Greene - Brought another of his very nice segmented bowls or small plate he had made with the tutorage and supervision of Jim Higgins. Hal also displayed a hackberry bowl with thin black crushed stone and epoxy border near the edge.





Dennis Hippen - had a spotted bowl. He was unaware of how the spots were created. He also showed two natural edged Stonewall Jackson Prayer Tree bowls.

Stark Smith - had a hickory bowl and an old red oak bowl that was nicely finished.





Kirk McCauley - had 7 bowls made from one cherry burl by using the Oneway coring tools. It is a great way to maximize income from a nice piece of wood.



Bill Jones turned a very nice bowl out of black cherry. Bill, sorry I didn't get a better picture of you.....editor. You can vote to replace the newsletter editor.....Please





Rolf Gebel - Brought some nice bells he had made out of various woods and a nice box made from kiln dried Cherry.

Don Voas - Shared a crotch bowl and a wormy Stonewall Jackson Prayer Tree (SJPT) white oak bowl with texturing that was partially turned at a demo at the WTOV meeting by the maker of Serious Lathes and other tools. Tasteful texturing was done by a tool that was partially made from a kit sold by Highland Hardware.



Sorry, Don, but somehow I failed to get a decent picture of your bowls. Would you start a petition to get the newsletter editor fired?



Nate Hawkes - Brought an assortment of lidded boxes and showed his first pen which was a carpenter's pencil. The lids fit as nicely as a Raffan box.



Gary Dale - Showed his goblets made from wood and a Monticello Poplar and a Cherry bowl.



One was made of zebra wood. Sorry, Gary, but we failed to record the details of the other goblets.

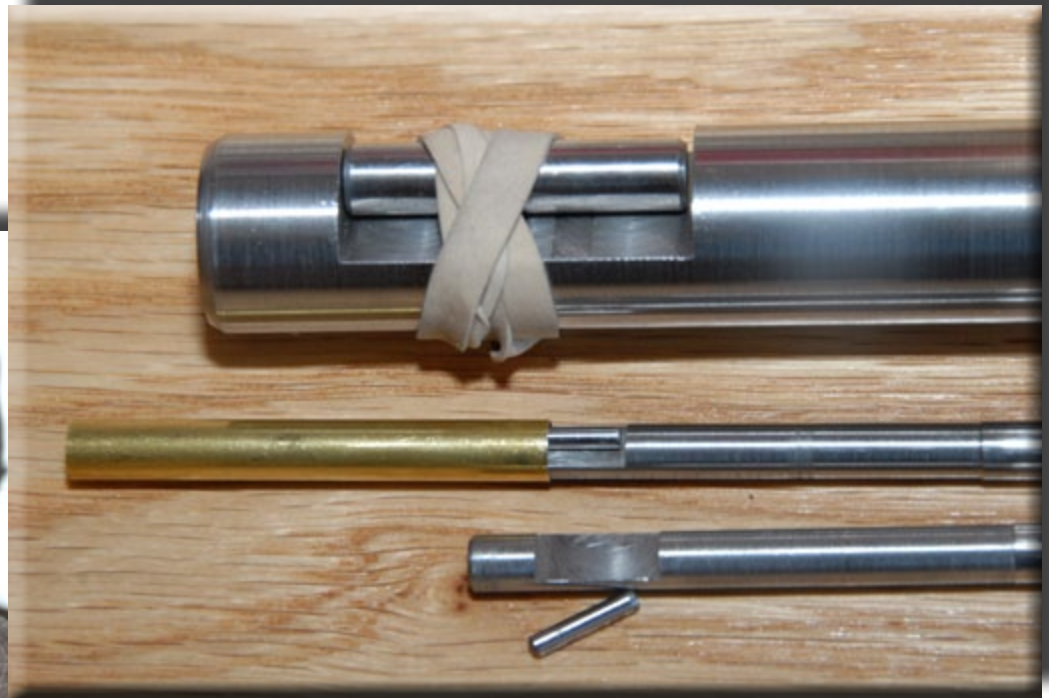




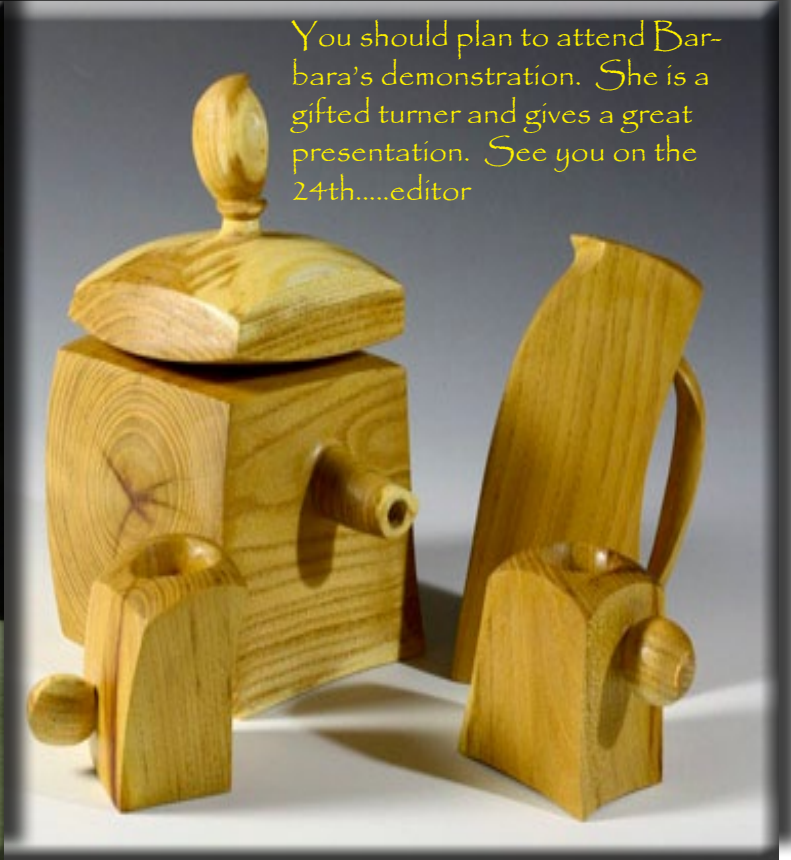
Jim Kueck - Shared a nice Apple bowl and a Cherry crotch bowl. Sorry, Jim, that I didn't get better pictures of your work.....editor.



Denny Martin - showed a pin chuck that is a simple, quick release way to mount and dismount spindle turnings. He



made a small one to be used to rough-sand the outer surface of the 7mm brass inserts for pens and pencils. These chucks can be made in just about any size/diameter, and created in just about any shop with hand tools like a hack saw and a file.



Barbara Dill Demo

Barbara Dill will be providing an all-day demonstration for the CVW club on Saturday, March 24 at the Crimora Community Center. The regular monthly meeting scheduled for March 20 will be canceled.....editor.

Barbara's first experience with carving wood was in 1988 at a carving class in Richmond, VA. Wood became her passion and in 1989 was able to retire from a 21 year career in nursing. She first studied woodturning in 1990 at Arrowmont with Michael Hosaluk; then in '91 with Ray Key; then in '92 with David Ellsworth. She has attended symposiums, workshops and demos through the years. In 1998 she started teaching beginning woodturning at the Hand Workshop in Richmond (now the Visual Arts Center).

She was always fascinated with multi axis turning and in 2006 her focus turned to multi axis turning. Tired of running into dead ends with her candle holders, she decided to see if there was a way to sort out the confusion of this aspect of turning. If an obsession is to wake up with a new "what if" most mornings, then she was obsessed.

Barbara enjoys teaching and sharing her knowledge. She has made an instructional DVD and has published articles in the American Woodturner. She was an Emerging Artist at the 2011 National Symposium and will demonstrate at SWAT in Texas, and at the Appalachian Center for Craft and at Arrowmont, as well as turning clubs in many states.

"My interest is to experiment with the many forms that can be turned on a lathe without the use of jigs or chucks. I'm just not a very good jig maker"....Provided by CVW Secretary Jim Oates.

If you would like to see more of Barbara's exquisite work please visit her web site:
<http://www.barbaradill.com/>

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.

Silent Auction



The 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

Fredericksburg Woodworking Show: The show was a bit disappointing. There seemed to be fewer vendors and demonstrators than in years past, and the acoustics were terrible and hampered many of the demos. The large woodworking vendors (i.e., Powermatic, Rockwell/Delta) were again absent, although Hammer displayed a few of their excellent machines. Wood Mizer had a very nice display in the front.



Two new tools were there: 1. a new capture system by Carter (the company that makes band saw guides), and 2. a CNC router by Legacy Woodworking Machinery that did excellent carving and augmenting on round or flat surfaces. The Carter capture system used rollers in the capture part and had a sturdy laser, and it appeared to be very well made.

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 virginiawoodturners.com for developing information. Also in this excellent magazine is an article about how to create and sign the bottoms of bowls and other turnings. As usual the photos of examples are well done. (Repeat)



Turners Resources.....Continued

THE ANDREW (STONEWALL) JACKSON PRAYER TREE

THIS WHITE OAK WOOD IS STILL AVAILABLE. BE AWARE THAT THE LONGER YOU WAIT THE MORE SEVERE YOU WILL FIND THE CRACKING AND CHECKING. SOME OF THIS WOOD IS REALLY NICE WITH A LOT OF FIGURE IN THE GRAIN, YET SOME IS A BIT PUNKY AND MAY NOT BE WORTHY OF MOUNTING ON THE LATHE. YOU ARE ENCOURAGED TO MAKE ARRANGEMENTS TO GET SOME OF THIS VALUABLE WOOD BY CONTACTING THIS EDITOR (DENNY MARTIN - 540-337-7716) OR PETER SHOEMAKER IN MT. JACKSON (540-984-3133). PETER HAS A SUPPLY OF SMALLER PIECES, WHILE I AM STORING SOME OF THE LARGER ONES. BRING A CHAIN SAW, AND THE LARGER THE BETTER. I WILL BE HAPPY TO HELP SAW AND

I HAVE A FRONT-END LOADER TO ASSIST WITH THE LOADING....EDITOR.
(Repeat)

Editor's Comment - The creation of this newsletter takes many hours of effort to take the ~120 pictures each meeting, edit these photos in Adobe PhotoShop, match the photos with the text (that in large part is generated by our most talented secretary, Jim Oates), arranging the text and photos in a program called Indesign and exporting this file to a .pdf file that is small enough to be sent as an email (Jim Oates distributes the newsletter each month). I am finding little time to turn or do other things. Consequently, in conference with our most esteemed president, I have decided to provide a Shop-of-the-Month article every 3rd month rather than every month. In lieu of this article I am requesting that

Notes:

each Officer and each Functional Support Officer (see page 3) provide at least one article per year on a subject of their choice. They can include pictures (I can assist with the photos if they like). Additionally, in many other club newsletters it is common for other club members to submit articles as a valuable contribution to the newsletter. Any club member can submit an article, which will help make this newsletter more informative to all members. An article might be a review of a new tool or new DVD. It might be a collection of pictures with accompanying text about a project or some focused on safety. It may also be an article on a particular species of wood. I would be glad to help and offer any kind of assistance.....Editor.

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.



Gorgeous Box Elder Wood Available

The owner/operator of Begoon Tree Service contacted Don Voas about a large box elder tree that they were removing from the property of some very nice folks in Grottoes. Both Charlie Conners and Denny Martin were asked to bring their trailers to help remove the wood for club members. The base log is ~40" across. Both Eddie Bagoon and Tracy are occasional wood tuners and have provided nice wood to the two Valley clubs in the past. Eddie was a founding member of the WTOV club. Remember the



Begoon Tree Service (540-867-0288)(ebegoon@comcast.net) for excellent tree removal and other tree services.....editor. Contact Charlie or Denny if you are interested in turning some of this beautiful wood.



Buy & Sell Section

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 - (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)





Shop Safety

(From Dennis Hippen) Hello Turners,

I had a bowl explosion today!!! I had finished turning a 11-12" diameter X 5-6" H stonewall jackson prayer tree bowl that I was real proud of and was going to remove from lathe and place in an alcohol sauna.

I decided to leave on the lathe and turn the speed up to hopefully get rid of some moisture. I was at about 1500 rpm and zipped to 3200 rpm and just when the lathe hit top speed the "implosion"!!!! This is a first!!!

GOOD NEWS is I had practiced lathe safety and was way to the left of the bowl/lathe with hand on switch! NO wood shrapnel sticking out my body!!! Tiny piece hit my work boot from ricochet!

The NOT SO GOOD News is bowl is GONE. One photo is a light diffuser with hole in it and small chunks still in fixture. Other photo are the sections of bowl that I found so far. Chucks shot to far rear wall/light fixtures and knocked mass of dust unto bowls that had just had finished applied. AND the good news is my work shoes are BROWN!!! Be [especially] careful of SJPT wood.....Dennis



(From Jim Oates) Maximum Speed in RPM for a bowl is approximately 9000/Diameter
Minimum Speed in RPM for a bowl is approximately 6000/Diameter
These apply after the blank has been turned round and is in balance and no cracks are observed. You will know why these are important after you read about Dennis Hippen's experience below with a piece of oak

(Email from Hank Marien to Roger Chandler) Roger,

Energy equals mass times velocity SQUARED!!! When you double the speed you get at least four times the energy. That's why even a few hundred rpm change can tear a bowl apart - even as small as 7-8 inches in diameter. Wet turning complicates things because the bowl is flexible and is not stable. Dennis' incident, as well as remembering yours, got me a little spun up. My physics book gives me these numbers:

For a spinning object $F = m V^2$ over radius. For a 12" bowl, recommended max rpm is 750 rpm.

Speed	Force Multiplier
750	1
1000	1.82
1500	4.04
2000	7.14
3000	15.96
3200	18.27



When Dennis took the lathe speed from 1500 to 3200, he increased the force by 4.52 times, or over 18 times the recommended level of force. Also assuming the bowl came apart at 3000 rpm, the pieces were moving about 107 mph (157 fps). Please feel free to check my numbers and rant!

Just sayin, Sobering when you think about what might have happened. I'm glad Dennis was not hurt. Cheers!.....Hank



Demonstration:

Slated as: Wood Slayers Of Crozet. The tandem of Phil Evans and Nate Hawkes on separate lathes whopping on Green bowl blanks with lots of chips and less chit/chat.

Nate Hawkes and Phil Evans demonstrated safe bowl turning. They included methods of safely mounting wood on the lathe, and demonstrated turning practices using several alternative mounts. Phil showed his Trend battery-operated face mask and air filter system, and offered club members the opportunity to buy a Trend at a considerable discount. Phil lost a piece in the chuck confirming the need for all turners to make safe practices a habit. Phil and Nate demonstrated a technique to re-mount a broken or damaged piece that decided to leave the lathe by utilizing Nate's simple spur system in his chuck. Both the Powermatic 3520 and the Jet 1642 were



brought in front of the meeting, a green piece of wood was mounted on each lathe, and Nate and Phil made the chips fly. Ribbons of wood flowed from both lathes, one from Nate's use of a large bowl gouge, and the other from a carbide-tipped roughing tool in the hands of Phil (he later used a gouge). Both would occasionally stop to talk, but most of the evening was spent watching them make a mess of the floor. Although direct observations were difficult, the visual technology of projecting on a screen or through a television from the cameras operated by Fred Williamson and Tim Quillen provided ample viewing. John O'Neil made the system run.



Nate, known for his habit of talking to wood, clearly was dissatisfied with something, or perhaps he was singing to himself. Maybe a chip found its way into that cavity below his nose.



Safety was stressed at several points during the demonstration. Nate wore a traditional face shield, and Phil wore one of the battery-powered Trend face shields and filtration system. Phil shared with the group the fact that he knows someone in the company and said he can arrange a substantial discount for members. Trend makes two different air circulating face shields/helmets. If you are interested you should contact Phil for details. Check out: <http://www.woodmagazine.com/blogs/woodworking-blog/2010/04/09/trend-airshield-air-circulating-face-shields/>



Nate chose to make a traditional bowl out of ambrosia maple, while Phil turned a natural-edge bowl. It was impressive to see so many wood chips and ribbons in the air at the same time. The volume of wood chips on the floor set a new record. How quickly they roughed out their bowls was also impressive.



Turning green wood is fun. Turning dry wood is most often slower and won't produce the ribbons of departing wood like wet wood.



While Nate talks, Phil worked on hollowing his natural edge bowl.



Some folks actually thought Nate knew what he was talking about....amazing.



Using a bowl gouge angled up and cutting with the side of the fingernail grind, Nate makes a smooth finishing cut on the inside of the bowl. (Note the fine shavings) He learned this technique from our own Fred Williamson.



With planned precision Phil's partially turned bowl left the lathe in an effort to show the group how quickly these departures can happen, and why safety equipment and practices are so very important. In reality the tenon on Phil's bowl was unable to withstand the pressures of turning the center of his bowl. The tenon remained in the chuck, while the bowl bounced to the floor.





Phil's tenon-less bowl (the tenon broke off in the chuck) was quickly re-mounted on the Powermatic with a blade-like chuck attachment that Nate had. They mounted the broken bowl and adjusted it until it turned true; however, time did not permit them to turn a new tenon and finish the bowl.



Nate forgot to bring his calipers, consequently he was unable to accurately gauge the bowl thickness. He planned to finish turning the bowl at home, let it dry for a day or two, sand it and apply a finish.

