

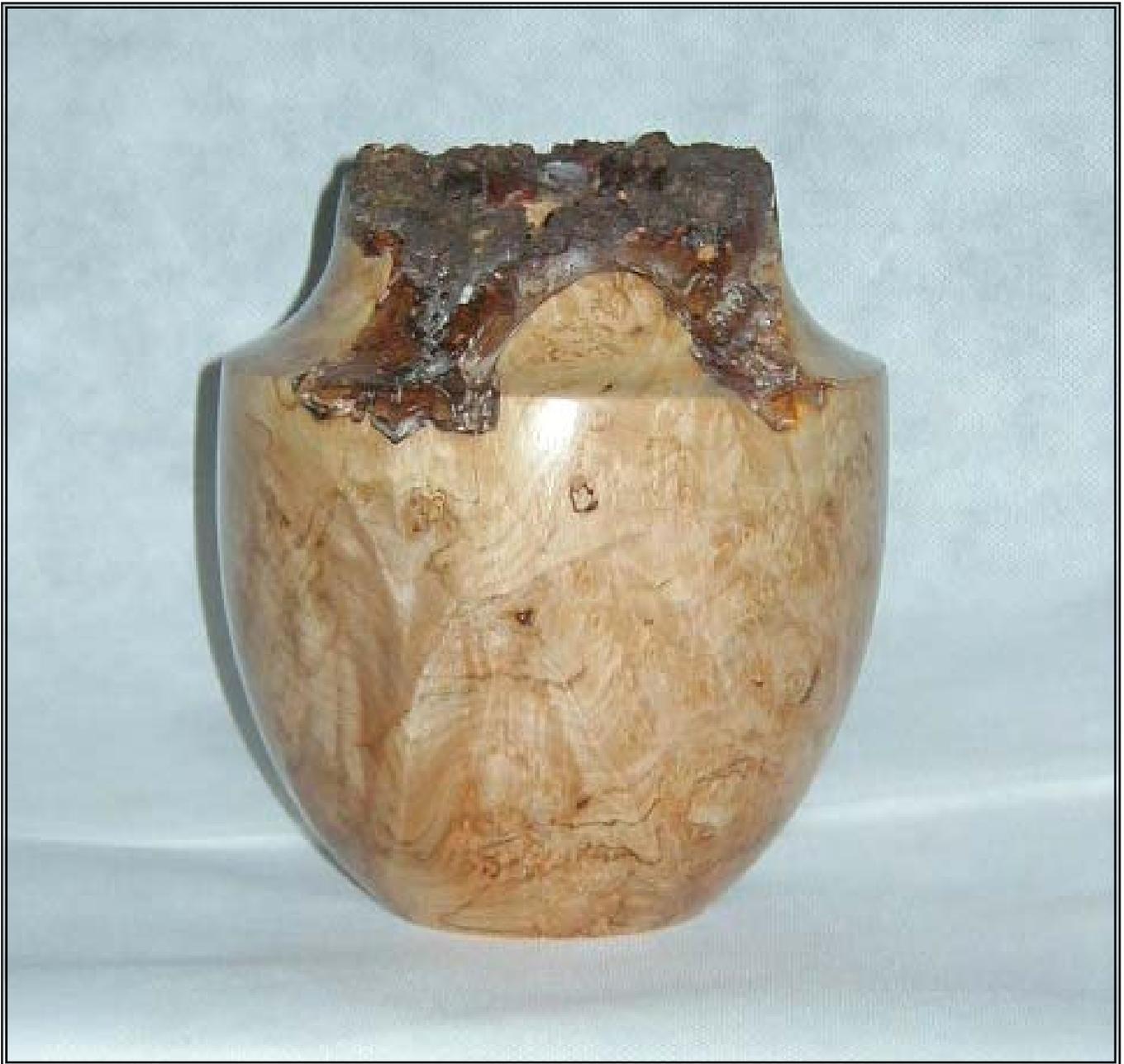


North Carolina **WOODTURNER**

Journal of the North Carolina Woodturners Association
A Chapter of the American Association of Woodturners

Volume 12, Number 3

March 2002



by Edgar Ingram

THE PRESIDENT'S MESSAGE

By John Winslett

Our February meeting was a great success with AAW past President Dave Barriger demonstrating his unusual techniques for making elevated vessels. It was an excellent example of the many ways wood could be shaped. The only thing that scared me was the chain saw use on the lathe!

The Board voted to hold demonstrations for the year to 6 paid and 5 by our own members. The proposal was submitted to the members present and passed easily. The Board also voted to eliminate the \$10 fee when we have a paid demonstrator.

For March, we have Tom Crabb of Richmond, VA. Then on April 13, our own Ric Erkes will demonstrate, discussing various techniques he uses to embellish the rims and feet of bowls and the tools to accomplish his work. He will also cover reverse turning techniques to work the feet. Included will be use of the Wolverine sharpening system and as many ideas and tips as possible in a three hour session. Should Ric's work schedule (U.S. Air pilot) prevent his attending, Scott Ollis has consented to substitute.

The John C. Campbell annual scholarship was won by Ron Mechling. We will look forward to his report.

The current fund balance is healthy and we should easily finish the year with no financial problems. I encourage members to please pay your dues to continue in our great association. I also encourage all to renew or join initially with AAW, our national organization.

The Board elected Officers for the year - you are stuck with me for another year as President. Dwight Hartsell is VP, Mary Bachand is Secretary (thankfully), George Wunker, Treasurer, and Ric Erkes has agreed to assist Dwight with Programs.

I urge you all to attend our meetings, as you will certainly benefit in improving your skills. If you are interested in demonstrating your specialty please see Dwight or Ric. Also remember the Woodworking Shop gives us a 20% discount on all purchases except power tools on our meeting day. You must be an active member to benefit. See you March 9, 10:00 am. The Board will meet during lunch.

John

Coming Events - by Dwight Hartsell and Ric Erkes

March 9, 2002. Mr. Tom Crabb from Richmond, VA will be turning a cube piece of wood on the bias, a cylinder and a natural edge bowl on the bias. This will include chucking techniques, what shapes to expect from working a cube piece and figure orientation. Mr. Crabb has written two books and many articles on woodworking and design. Mr. Crabb demonstrated at the AAW Symposium in St. Paul, and this procedure was found very interesting. The meeting will be from 10 am to 4 pm.



April 13, 2002. Ric Erkes will be demonstrating at the April 13th meeting. He will be discussing various techniques he uses to embellish the rims and feet of bowls. More specifically, he will be talking about the laying out of the design and using primarily a simple Roto-Zip tool as his carving device. There will also be some discussion of how he reverse turns a bowl to gain full access to the bottom and the use of the Oneway Wolverine system for sharpening. His plan is to share as many ideas and tips as he can fit into a three hour session.

Scott Ollis has graciously consented to be a back-up demonstrator if Ric's personal work schedule interferes.

Member News - by Mary Bachand

Our February meeting was very exciting and we had a full house with a number of visitors. From that group we got these new members: Scott Evans, Iron Station, NC; Howard Link, Hickory, NC; Dan Mahoney, Huntersville, NC; Steve Millwood, Old Fort, NC; Dwight Sigmon, Newton, NC; Thor Stockamp, Boone, NC; and, Ted Sykes Johnson City, TN.

It is my plan to have the 2002 directories ready for distribution at the March meeting. I will put a member's name on each directory so that I know who got one and who didn't (this worked fine last year.) Also, I will attach membership cards on the directories of those who haven't picked up their cards.

NEXT MEETING: MARCH 9th at 10:00 am

Library News - by Mary Bachand

Many years ago, the NCW library consisted of a wooden box that Ken and I carted back and forth to meetings. Now we have enough supplies for three very nice cabinets. I am proud of the progress that has been made with our library. In fact, I really have to search to find books and videos that we don't own. I'm saying this because this isn't my library. I know very little about turning - mainly what I like to see. It is YOUR library and as it is yours, I feel the need to review a few "common sense" rules. PLEASE take care of our equipment. Don't tape over our videos. Yes, this has been done. Also, please keep our supplies off your floors. Recently, we have lost a book and a video to an energetic puppy. The video was a Don Olsen demo that can't be replaced. At this point, I haven't been able to find a replacement for the book, *The Woodturners' Workbook* by Ray Key. If you know where I can get a copy, let me know.

Fortunately, I had plenty of rental money so I spent \$88.93 when I ordered these videos: "Hand Thread Chasing" with Allan Batty and "Wet Turning with a Difference" by Stuart Mortimer.

A big "thank you" to Dick Nielsen who, in the process of moving, found a number of woodturning books that he no longer wanted, and donated them to our library. The books are: *Lathe Turned Objects*, *Master Woodturners*, *Artistic Woodturning*, *American Furniture Treasurers*, *Sculpting Wood*, *The Lathe Book*, *The Woodturner's Companion*, *Multicentre Woodturning*, *Hand or Simple Turning*, and *Ornamental or Complex Turning*.

Challenge Projects - Member suggestions

- March: Color (i.e., stained, painted, dyed), woodburning, and/or inlay.
April: mixed mediums; i.e., wood/glass, wood/bone, wood/metal.
May: Natural edge bowls.
June: Carving ; i.e., feet, rims, lids, pedestals.
July: Lidded vessels.
August: Back-to-school; i.e., something for teachers or students.
September: Best use of spalted wood.
October: Halloween theme.
November: Thanksgiving or Christmas theme.
December: annual Christmas party - auction and gallery.

Winners of the challenge projects will have the photograph of their winning piece printed on the front page of the following month's Journal.

John C. Campbell Folk School**Course Notes (part 1)** - by Jerry Ostrander

Fundamentals of Hollow Turning, Sept. 23-29, 2001.
 Instructor: Larry Hasiak; Assistant: Bobby Clemons

Class Rules:

1. Use sharp tools.
2. Reread rule number one.
3. Plan Ahead.

Safety Rules:

1. Wear goggles and a safety mask.
2. Wear no loose clothing or jewelry.
3. Do not allow your fingers to get between the tool rest and the wood.
4. Start off at a slow speed.

Basic Instructions:

1. Use a faceplate on the end of the wood that is slightly concave.
2. Always ride the bevel of the tool.
3. Cut down hill, both left and right.
4. Leave adequate thickness on the bottom third of the vessel, which is to be reduced later.
5. Use a Forstner bit to drill a depth hole into the vessel.
6. Use a Stewart hollowing tool to hollow out the first 1/2 to 2/3's of the vessel, to 1/4-inch wall thickness.
7. After the vessel's interior is 2/3's hollowed, return to the exterior to finish the bottom third to the desired shape.
8. If you desire a contrasting insert in the opening of the vessel, you need to do the following:
 - i) Cut the opening straight down, leaving a 1/32-inch shoulder at the bottom of the cut for a stop for the insert. The total thickness at the opening is 1/2-inch.
 - ii) Make a glue block and glue your insert material to it.
 - iii) Carefully cut the insert, checking frequently in order to ensure a tight fit in the opening. As you begin this, cut down only 1/8-inch width until the correct fit is achieved. After the correct fit is achieved, gradually widen the insert to the depths of the collar.



Jerry Ostrander

Demonstrator Review - by David Propst



For our February 2002 demonstration, the NCW had the pleasure of welcoming Dave Barriger of Apopka, FL. Dave has been a woodturner for over three decades. He is the most recent past president of the AAW and just concluded a six-year term on the AAW board of directors. In addition to turning, his background also includes teaching community college biology and botany.

To begin the day, Dave gave a slide presentation providing a retrospective of his early through present day work. Also included in the slides were pictures of three tools he considers invaluable for harvesting and processing turning wood. A nursery dolly capable of handling 1000 lbs, a Cant Hook, which is quite handy for moving larger logs, and a Hookerone that is used to roll over or grab logs. At home Dave turns larger pieces on a Nichols lathe and smaller work on a Woodfast.

Dave's early work included a number of natural edge bowls and vessels, which he still enjoys turning. However his present concentration is vessels with carved pedestal bases. He turns and sculpts these forms from predominantly green wood in spindle or "endgrain" orientation. Dave was attracted to this type of combination form because it was less limiting than "straight" woodturning using conventional turning tools.



These forms require strong, crack free wood for the pedestals. To check the wood before mounting on the lathe, he cuts a thin endgrain section of the wood on the bandsaw to see if any unseen cracks or weak spots will become visible.

On the lathe Dave started by shaping a small log between centers to make a natural edge bowl with carved pedestal. He showed how, after he shapes the bowl portion of the piece, he next shapes the pedestal as a continuation of the curve of the top. This piece was intended to have an "S" curve pedestal which required two "globe" shapes to be formed. He explained how after completion on the lathe, the "S" pedestal would be formed by bandsawing most of the wood in these globes away and then finish sanded. A pedestal with a single curved leg or spiral would require a differently shaped base at this point. Dave noted that bandsawing an object resting on a curved surface can be quite dangerous. He makes circular plywood cutouts to rest

the piece in on the bandsaw for safety and stability.

For a more in-depth demonstration of his pedestal carving techniques, Dave next mounted a pecan log between centers on which he had previously hollowed the top vessel section. He explained that to hollow these long forms, he first roughs out the log between centers and turns a spigot for a Oneway Stronghold chuck. Once mounted in the Stronghold, he then uses a steady rest for stability during the hollowing of the top vessel part. Dave uses homemade Stewart type tools for hollowing. He also displayed his homemade laser guide which he finds quite useful for hollowing.

After hollowing, he remounts the piece between centers using a turned wooden cone on his Sorby live center. He prefers a turned wood cone as it is much less marring than a metal cone live center. If he does not have time to finish a piece in one session, Dave places a plastic bag on the form on the lathe. Since the exterior of a form dries faster than the interior is the cause of most checking, he then inserts a pipe through the bag and into the vessel opening so that some drying on the inside can begin without a risk of cracks developing.

The first step in carving the pedestal is to mark on the form the approximate shape of the legs. For layout, a cloth measuring tape or indexing system is handy. After marking the form, Dave used a Makita electric carving chainsaw to remove the bulk of the waste wood. The carving chainsaw has a special narrow tipped chain bar and 1/4" width teeth for cleaner cutting than a standard 3/8" tooth chain. The special bar and chain are designed to be much less likely to kick back than a standard chainsaw. (Sources: Wood-handling Tools, Carving Chainsaw: Bailey's, 800-322-4539, www.baileys-online.com)

To further refine the shape, he used an angle grinder with various grit tungsten carbide grinding wheels. Next, he used smaller tungsten carbide discs with a die grinder. He followed by shaping with a Microplane® hand file and drill mounted rotary cutter. He also uses and displayed various drum flap-sanding disks, homemade and pneumatic sanding drums, sanding pads, and a rotary oscillating sander.

Dave encouraged the group to try making their own tools and briefly discussed how he has made his. Each February he hosts a BBQ and tool-making workshop for his local club.

He concluded the day with a discussion of new types of pedestals he has been making that incorporates letters and numbers. In the AAW office in MN there is one of his forms

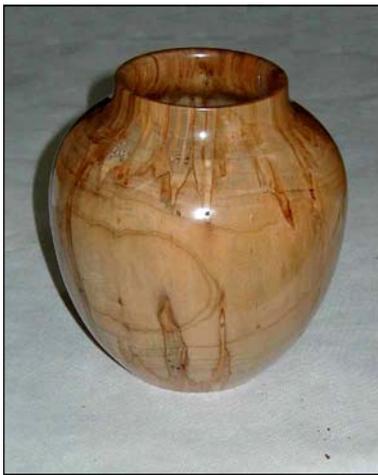


with "AAW" incorporated in the pedestal. Another he is making will have a pedestal in the shape of a "50" for a wedding anniversary.

NCW GALLERY



Bobby Phillips



Gene Dampier

Edgar Ingram



Jerry Keys



Clyde Hall

NCW GALLERY



Jim Miles

Wayne Manahan



Ric Erkes

Ron Mechling



David Propst

J.T. Barker

2001 Carolina Symposium



Remember, our meetings are always at 1:00 on the second Saturday of the month at Klingspor's Woodworking Shop in Hickory unless otherwise noted in the Journal.

NEXT MEETING: MARCH 9th at 10:00am

From the Editor - by John Uteck

During our February meeting, the Program Coordinators passed around a survey, looking for members to volunteer their skills, their knowledge, their ideas, their tools, etc., to help educate (or entertain) our other members during our monthly meetings. Ric stressed that we're not necessarily looking for an expert, just a demonstration on something that you can share. Even if you have a short demonstration that you'd like to volunteer for, Ric and Dwight will assemble a program consisting of a series a mini demonstrations to make up the afternoon. Following are some ideas on demonstrations that we're looking for from members. If you would be willing to do a demonstration on a topic of your choice please contact either Dwight Hartsell or Ric Erkes.

- Multi-Axis
- Square Bowls
- Natural Edge Bowls
- Laminated turnings
- Turned Hats
- Spindle turning techniques
- Particular turned items
 - Lamps
 - Bottle Stoppers
 - Pens/Pencils
 - Pepper Mill
 - Other
- Carving techniques
 - Rims/feet
 - Arbortech tool
- Deep Hollowing
 - Lyle Jamieson system
 - Stewart system
 - Laser guidance system
- Steady Rest
 - Bowl Savers
 - Oneway
 - Woodcut
 - McNaughtin
- Finishes
 - Acrylic
 - Lacquer
 - Varnish
 - Other
- Ring tools
 - Termite
 - Other
- Homemade jigs/tools
- Thread Chasing
- Sharpening
 - Wolverine system
 - Tormek system
- Platters
- Turning alternative materials
 - bone, metal, plastic, other
- Airbrushing
- Piercing
- Inlay

If you know of a demonstrator, or some technique/tool you would like to see please offer your suggestions to Ric or Dwight.

Wanted & For Sale Items

WANTED: 8-inch faceplate, 1-1/4 x 8 thread, Oneway or equivalent. Contact Phil Hutchins at 336-768-5822 or phutch@attglobal.net.

FOR SALE: Bonnie Klein mini-lathe mounted on st.-steel stand; includes 3-jaw chuck, 2 sets mini tools, and Jacobs chuck. \$200. Contact Gene Dampier at 828-898-6143.



NORTH CAROLINA WOODTURNER
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Published Monthly by the
NORTH CAROLINA WOODTURNERS ASSOCIATION, INC
Route 7, Box 137, Hendersonville, NC 28791

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