

North Carolina **WOODTURNER**

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

Volume 12, Number 5

May 2002



Black Walnut Bowl with Pewter Lid, 5"Ø
by Michael Ehlen, Valdese, NC

THE PRESIDENT'S MESSAGE

By John Winslett

Our April meeting was well attended and most informative. Ric Erkes was a skilled and thorough instructor who has developed techniques which would enhance most turner's projects. Thanks Ric for a great demonstration. It strengthens our decision to urge more of our members to share their skills.

The finances of the club are in good shape with a \$7500 balance. The Board will continue to guard our solvency while providing informative and entertaining meetings.

Along those lines, our May meeting will feature our parent AAW President, Bobby Clemmons, for an all day educational experience starting at 10:00 on the 11th. You won't want to miss this one.

Our Journal is one of the best and our editor, John Uteck, continues his dedicated efforts on our behalf. He investigated going to full color but the cost was almost twice our present level. The Board agreed that we should keep the present format with color on the cover and back pages with as many member projects as possible displayed.

Our membership continues to grow and we welcome all whether turners or just wannabes. Ed Mackey and Max Bradey are our newest. Please welcome them to the best turning club!

I encourage anyone with a tool to sell to advertise in the Journal. They will be printed as space is available. I recently did so and they sold right away.

Anyone who has not joined AAW should strongly consider doing so. The applications are available from Mary and a few Woodturner magazines are available. I think you will gain very useful information from this publication.

The Board will meet during the lunch break of our meeting. Remember one of your perks is 20% off of purchases (except power tools) in our host store on meet day! See you there.

John

Coming Events - by Dwight Hartsell and Ric Erkes

May 11th from 10:00 to 4:00 will feature Mr. Bobby Clemmons, the current AAW President. .

June 8th from 1:00 to 4:00 will feature Talmadge Murphy who will show us how to do a simple multi-axis turning.

June 28 - 30th - AAW Symposium in Providence, Rhode Island

July 13th from 1:00 to 4:00 will be our own Sam McDowell who will demonstrate turning a vessel and if there is time permitting, Jean Dampier will explain a tool that he designed and made.

August 10th 1 - 4. Dick Nielson will turn a sphere.

September 14th, John Hill will demonstrate vacuum chucking.

October 12th and November 9th are open for suggestion and demonstrators. If you have something you want to see, please let Dwight or Ric know.

December 14th will be the Christmas Party and Auction.

Member News - by Mary Bachand

Welcome new members- Max Bradey of Tryon and Ed Mackey of Charlotte

Library News - by Mary Bachand

A special thank you to Gloria Hutchins for doing the library chores for me. At this point, Mother is in a very serious condition so I could leave at any time. BUT-I do hope to be with all of you for our May meeting. Maybe I can "find" a few "low calorie" cookies to bring!

Raffle Report - by Ken Phillips

The raffle has been a great success at the club - members have had the opportunity to accumulate more toys. We wish to thank all that have donated articles & wood for the raffle, and we would like to continue receiving these donations from all who can donate. Also, anyone who has extra wood or articles aside from raffle donations, feel free to announce it at the meeting.

Raffle prices: \$1 - 1 ticket; \$5 - 6 tickets; \$10 - 13 tickets.

NEXT MEETING: MAY 11th at 10:00 am

Demonstrator Review by David Propst

April's demonstration was by our own Ric Erkes. As a beginning turner three and a half years ago Ric sought out the assistance of Don Oetjen. Don advised him on tools, sharpening, etc. and provided a solid foundation for Ric's beginning as a turner. How far Ric has come in that time was evidenced by his interesting and informative demonstration.

Ric began with a photo tour of his shop. He turns on a Nova 3000 with homemade stand weighted with about 450 lbs of sandbags. He pointed tips about how the shop is arranged for convenience while turning.

Next Ric demonstrated the Oneway Wolverine Sharpening system and it's various attachments. The best thing about the system is that it allows for repeatable, consistent grinds with very little metal removed. He specifically showed how he uses the Varigrind jig to produce a fingernail grind on his 1/2" bowl gouge. For bowl bottoms, he uses second gouge with a blunt grind made by holding the gouge on the grinder tool rest and rotating the tool. He rough grinds a second bevel at the bottom of the edge to increase the clearance of the tool.

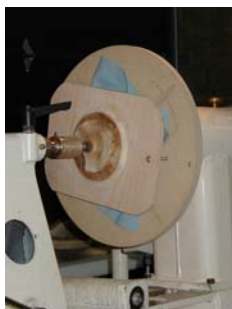
One of the tips Don had given Ric early on was that when a bowl is turned over there should be a surprise. This led Ric to start carving feet into his bowl bottoms which was the main topic of his demo. To prepare the bowl he first turns as normal with attention to achieving as smooth of a surface as possible with the gouge before sanding. He gave an excellent demonstration of using the bowl gouge to shear scrape. Before using the gouge to shear scrape he always puts a fresh edge on the tool.



Next, he used a propane torch to light burn the outer rim and then used 20-gauge steel wire to further accent the rim with a fine burned line.



To finish the bottom of the bowl Ric uses a home made chuck that is a hybrid of a compression and Longworth chuck (see resources at the end of this review). The chuck gives him very unrestricted access to the bowl bottom. To center the bowl on the



chuck he mounts the chuck on a tailstock chuck adapter in the tailstock. He then brings this assembly up to the bowl still mounted on the headstock and tightens it.

With the bowl next reversed on the headstock, Ric turns the bottom profile as he pleases and then marks the center point and the boundaries of the area to be carved. To carve the bowl he mounts the chuck holding the bowl onto a 1" post that fits into his workbench or lathe banjo. He then marks the shape and location of the feet.



To carve the majority of the wood from around the feet Ric uses a Roto-Zip tool with a 1/4" burr cutter bit. He then uses power sanding pads and a palm sander to further refine the shape. To carve a fluted rim Ric follows similar steps which he thoroughly discusses in the video.



The video of this demo goes into much more depth than this brief review with additional tips on sanding, finishing, and more. The video quite clearly shows the steps Ric takes in carving the feet rims of bowls and is an excellent resource for the club library.



Sources

Oneway Wolverine Jig: Klingspors Woodworking Shop,
www.woodworkingshop.com

Tailstock Chuck Adapter: Packard Woodworks,
www.packardwoodworks.com

Burr Carving Cutter: Wholesale Tool,
www.wttool.com

Discount and Reconditioned Tools: Harbor Freight,
www.harborfreight.com

Longworth Chuck:
<http://fholder.com/Woodturning/chuck.htm>

Compression Chuck:
http://www.wwforum.com/faqs_articles/bowl_bottom.html

NCW GALLERY

Photos by Bonner Guilford and
George Wunker

Pecan, 8 1/4" Ø x 2 1/4"



Walnut, 11 1/4" Ø



Edgar Ingram

Oak



Mahogany



Harold Lineberger

White Pine, 4" Ø



Cherry, 9" Ø



Ron Mechling

NCW GALLERY

Photos by Bonner Guilford and
George Wunker

Maple, 11" Ø



Quilted Maple, 18" Ø

Ric Erkes

Dogwood and Walnut, 14" Ø x 18"



Oak and Walnut, 8" Ø x 10"

Jim Miles

Mulberry, 5" Ø x 6"



Jim Miles



Pecan, 10" Ø

David Propst

NCW GALLERY

Photos by Bonner Guilford and
George Wunker

Osage Orange, 10" Ø



Osage Orange, 9" Ø

David Kaylor

Japanese Cherry, 11" Ø



Japanese Cherry, 11" Ø

Don Hildebran

Unk. Vine, Ebony, Persimmon, 7" Ø x 15"



Cocobolo, 4" Ø

Dwight Hartsell



Challenge Projects

May: Natural edges.
June: Carving ; i.e., feet, rims, lids, pedestals, etc..

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.

Member Classifieds

For Sale: Oneway Chuck, model 2170, lever operation, \$90.00; Grady Butler 336-249-4200

Trade: 1989 Ford XL Long Bed, 6 cyl, 5 spd, work truck - Excellent condition, value \$5,000. Trade for Oneway or Powermatic lathe; Max Bradley, Tryon, NC, 828-859-9227

For Sale: Frank Sudol-style boring bar, 5' long with 3 cutting tips, \$80.00; Grady Butler 336-249-4200



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NCW GALLERY

Photos by Bonner Guilford and George Wunker

Cherry, Maple, and Walnut, 9³/₄" Ø x 5¹/₂"



J. D. Reinhardt



Sourwood, 10" Ø

Jerry Ostrander

Mahogany, 4" Ø



Roy Fisher



various

Scott Evans

Gum, 7" Ø



Wayne Manahan



Buckeye Burl, 4¹/₂" Ø

Michael Ehlen

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: MAY 11th at 10:00am