

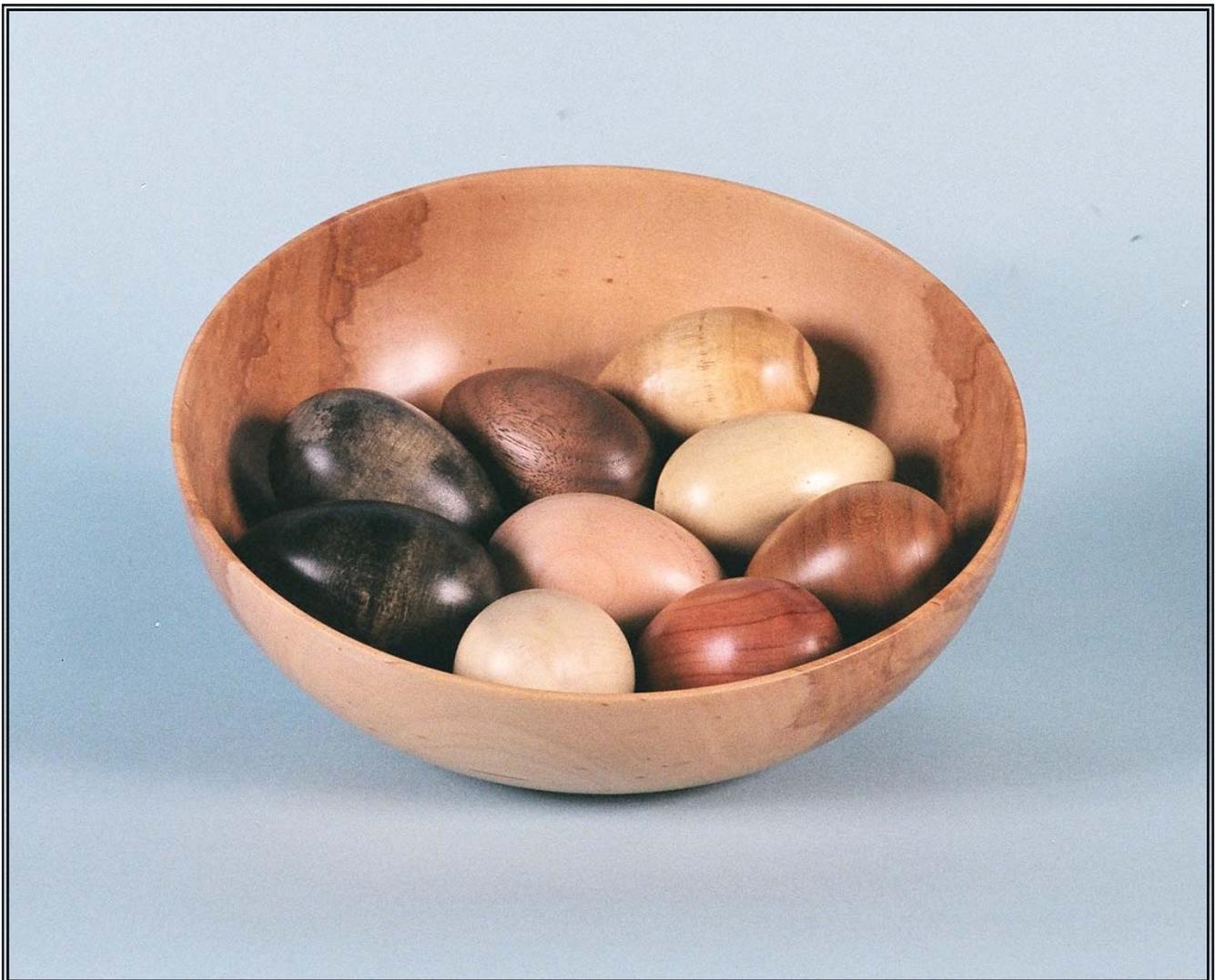


North Carolina **WOODTURNER**

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

Volume 14, Number 5

May 2004



Eggs - various woods
April Challenge Project Winner
by Clarence Cogdel

THE PRESIDENT'S MESSAGE

By Ron Mechling

It was a real treat to see Terry Daniel's bowl lathe and receive so many good tips about wood turning. I hope our members who are beginning to turn listened carefully as Terry gave great advice that many of us have learned the hard way.

The April Gallery had some really good pieces. Please participate in the monthly challenge and/or bring other pieces of your work for all of us to view.

The organization of our video and print library is beginning to take shape as Jack Freeman is building the database. He's finished the tapes and is now working on the books. If you see Jack, thank him and encourage him.

We really appreciate Bruce Whipple for assisting with the library and Ric Erkes helping with minutes of our board meeting while Mary Bachand was off playing with her grandchildren.

Our next meeting will be with Chris Stott. Chris' knowledge of turning is extensive, so if you are curious about any aspect or project on woodturning, please bring your inquiries to our next meeting.

I will miss the meeting in May because of attending the graduation events at Radford University for my nephew, Jon Mechling, a good student woodturner. The board meeting will be held during lunch and David Kaylor, one of our board members, will lead the meeting on May 8th at 10:00 a.m.

Keep on turning, Ron

Library News - by Mary Bachand

Another big "thank you" to Bruce Whipple for handling library chores in my absence. I do hope that he got to watch the demonstration. I should have a new video to be checked out at our May meeting.

Member News - by Mary Bachand

Please welcome these new members: Donald Mater of Mooresville, NC and Frank Bock of Charlotte, NC. David Kaylor gets free raffle tickets for bringing in these members. Now it's up to our president Ron to figure how we can fit more new member name tags in our nice box.

PROGRAM NOTES

By Ric Erkes

May 8 Save me a seat! For May, internationally known woodturner and demonstrator Chris Stott will be joining us. Chris has been a professional woodturner since 1982, and has made 7 trips to the USA to include demonstrating at 4 AAW Symposiums. He has produced 9 videos, several articles, at least one book that I know of, (and probably a few turnings). But so much for the stats, I hear he is pretty good.



Chris, above all, is a teacher. He demonstrates in a low key style that passes along real skills that each of us will find useful. His goal is to turn a mix of simple to complicated projects that will provide an element of challenge for various skill

levels. He will be turning various items from multi-axis boxes, small bowls, finials, and off center wet wood turning. He won't be bringing along a lot of tools and jigs, but instead using the kinds of tools that are already in most of our shops. Read more about Chris and his work at: www.chris-stott.co.uk

I think this could be one of those demonstrations that we'll talk about for months to come. I might be a little late to the meeting, so I'm serious, save me a seat. The meeting will start at 10:00.

Coming Events

- 12 Jun. Steve Ainsworth - Vessel in a Vessel and Metal Spinning 10-4
- 10 Jul. Graeme Priddle (www.graemepriiddle.co.nz)
- 14 Aug. Frank Penta - platters...or something new...
- 11 Sep. Bart Castlebury - Turkey Calls 1-4
- 9 Oct. Don Geiger - Mastering the Side Ground Bowl Gouge 10-4 (www.dongeiger.com)
- 13 Nov. Dwight Hartsell - Surface Treatments 1-4
- December - Holiday Festival

Next Meeting: May 8th at 10:00 am

Demonstrator: Chris Stott

Demonstration: multi-axis boxes, small bowls, finials, and more!

KLINGSPOR'S
WOODWORKING SHOP
"Quality Tools and Supplies for the Woodworker"

**Meet at Klingspor's in Hickory, 856
21st Street Dr. SE (828-326-9663)**

A Day With Chris Stott. The Icehouse Center in Davidson offers a unique opportunity. **Chris Stott**, an internationally known wood turner from England will provide a hands on learning experience. Chris will emphasize turning hollow vessels and natural edge bowls. He will explore new techniques and offer lots of helpful tips. This workshop will be appropriate for those who want to expand their skill, refine their techniques and design under the guidance of an outstanding teacher. A light breakfast will be served at 9:00am.

Skill Level: Intermediate/Advanced.
 Time: Sun., May 9 & Tues., May 11, 9:30 a.m. – 4:00 p.m.
 Fee: \$100. Max Students: 6.

To register, call the Icehouse Center 704-892-7323

2004 Challenge Projects

April - Eggs Challenge Winner - Clarence Cogdell



- May - Tools, Jigs, Etc.
- June - Texturing.
- July - Spheres.
- August - Captive Rings.
- September - Collaborative.
- October - Light Weight.
- November - Boxes.
- December - Snowmen.

Challenge winners will receive a gift certificate, and have a photo of their piece printed on the color pages of the newsletter.

Classifieds - put your free classified ad in the newsletter. Send details to the editor.

NCW Logo Clothing



NCW clothing is now available. Contact Kim Lindsey at Vector Shirts (910-582-0051 or www.vectorshirts.com).

Want to learn something new about woodturning?

If you are interested in learning new skills, or improving the skills you have, contact one of these NCW members:

- John Winslett (Tryon, NC) - 828-859-9863.
- Dean Amos (Sandy Ridge, NC) - 336-871-2916.
- David Propst (Valdese, NC) - 828-437-4722.
- Ric Erkes (Davidson, NC) - 704-896-3302.
- David Kaylor (Davidson, NC) - 704-892-8554.
- Sam McDowell (Statesville, NC) - 704-871-9801.
- Edgar Ingram (Statesville, NC) - 704-876-4576.
- Glenn Mace (Mocksville, NC) - 336-751-1001.
- Dick Nielson (Gastonia, NC) - 704-864-1742.
- Grant McRorie (Rutherfordton, NC) - 828-288-9572.
- Don Olsen (Lincolnton, NC) - 704 735-9335.
- Ron Mechling (Todd, NC) - 336-385-1250.

If you want to volunteer as a mentor, please contact John Uteck with your information to include in the newsletter.

... or see what's offered at one of these Woodturning Schools

Arrowmont School of Arts and Crafts, Gatlinburg, Tennessee, 865-436-5860 (www.arrowmont.org)

Ice House Center, Davidson, North Carolina, (704) 892-7323 (www.icehousecenter.org)

John C. Campbell Folk School, Brasstown, North Carolina, 1-800-FOLK SCH (www.folkschool.com)

Traveling??

Look up the local AAW chapters in your member resource book, or online at www.woodturner.org/community/chapters/ and find out their meeting dates. Call first and make sure you can come as a guest!



Newsletter Articles Wanted!!!

Send in your tips and how-to articles, book reviews and video reviews, tool reviews and tool modifications, jigs, gadgets, and gizmos!! Let's try to make this a regular monthly feature for the newsletter - from our members, for our members!! Remember, this is your newsletter too, so don't be bashful - get your articles in. Email your articles and pictures to john-uteck@carolina.rr.com, or mail it to me at the address shown on page 7 of this newsletter.

**JUNE 2004 NEWSLETTER
 ARTICLES DUE MAY 28, 2004**

Demonstrator Review - by Glenn Mace

We had a double treat at our April meeting, not only did we see a very good demo, but our guest brought his own bowl lathe. Terry Daniel is a professional woodturner from northern Georgia. Terry's lathe is a VB36. A lathe without a tailstock or bed was unique to most of our members.



Terry talked about catches and how to eliminate most of them. The main reason for catches are: 1) cutting with the top half of the gouge 2) direction of cut, right to left is his recommendation 3) high tool rest 4) dull tools. Another reason for catches is the grain pattern – this we have no control over.



Terry turned a bowl in his style starting with the blank held on a faceplate (remember his lathe has no tailstock). The blank was trued using his cutting method of pulling or pushing the gouge from right to left with the flute pointing at

10 o'clock. The shavings should be in the shape of a corkscrew if using his method. Several of our club members were given the opportunity to try Terry's tools and method. By the way, he used a grand total of 3 tools the entire day, 2 gouges (1/2" & 3/4") and a homemade scraper that did not have a handle. The bowl was then fitted with a "Terry Daniel" ring, which serves as a mount for his expansion jaw chuck, and also as the foot for the finished piece. When the outside of the bowl was shaped, the bowl appeared to be sitting on the ring. The bottom of the ring and the bottom of the bowl should be on the same plane.

The bowl was remounted on a chuck and the inside was turned. All of Terry's bowls are green when turned and thus are left very thick for the drying cycle. His rule of thumb is the wall thickness should be 10% of the bowl diameter. This will leave needed wood for returning.



His rough bowls are coated to slow the drying time. To speed the drying cycle, the bowl can be wrapped in newspaper and placed in a plastic bag. The newspaper

must be changed at least daily for several days. When the paper is not damp to the touch, the bowl can be removed and placed in the open air to finish drying. Terry writes on the bowl every time he does anything with them, thus a complete history is on the bowl no matter what stage. The bowls are dried for about 8 months. They are remounted, trued, written on, and returned to the drying area. Another 3 months pass before the bowl is checked for any sign of warpage. If there is any warpage, the process is repeated. When no warpage can be found, the bowl is ready for sanding and finishing.

All sanding is done on the lathe using Danish oil. This process is used with all grits of sandpaper. Terry said he will sand (with oil) until the piece stops improving. Sometimes he may go as far as 2500 grit before stopping. He uses nothing but oil finishes on his turnings. All pieces get at least 2 coats of Danish oil even if the final finish is with another oil. He said it takes months to completely finish with just Danish oil, so he uses a blend for many bowls. That blend is 1/3 Danish oil, 1/3 waterlox (green label), and 1/3 mineral spirits. This blend works well and decreases the finishing time. Fine sanding or steel wool is used between each coat of Danish oil, but not the blend.

Terry also talked about using the bandsaw and gave a demo using his chainsaw (which started on the first pull each time he started it). He said we, (woodturners) use the bandsaw in ways the saw was not designed. Cutting round wood, cutting endgrain, and cutting wood that is not flat on the bed were the major problems quoted. He suggested a blade that has 3 to 4 teeth per inch, flat side of wood down, lower blade guide, and keep a sharp blade on your saw. Most of all, keep your fingers out of the way.



Terry talked about ratios between height, base, and diameter of a bowl. The height should be about the same as the base (sometimes base can be larger on salad bowls) and height should never be more than half the diameter (less is better). Weight should also be considered.

Terry brought several of his bowls, some finished and others not. Also there was a 34" finished bowl in the group.

If you missed this demo you missed a great one.

Branding Process - by Molly Winton

(reprinted with permission)

Wayne Allen asked if I would post how I do my branding process, so I had my husband take a few shots of me in the process this afternoon. As John Lucas asked, yes I do have a fan nearby, due to the amount of smoke that the branding generates. I have the fan set up so it pulls the smoke away from me, rather than blowing across my work. John, I will be in Provo this year if you'll be there. I'll be bringing some of my work along for the instant gallery. Thanks for everyone's kind words about my work. There are 5 pictures of the process, so please bear with me.

Here are all the tools I use. The DetailMaster Sabre is my burning unit. The hand piece (pen) is made by a gentleman in Australia, which allows me to use my home-made brands (a couple are seen on the machine and in the pen). Razor-tip also makes an interchangeable pen now that can be adapted to the DetailMaster. I always have a test block handy too, to check out how a brand will work, or the best temperature to use. The wire brush is to get ash or wood oil build up off the brand.



Then I just start branding... touch, touch, rotate piece, touch, touch, rotate piece, etc. etc. This vase is made from osage orange which is extremely hard and dense wood. I had the heat quite high, and had to hold it on the wood for a longer time to make the imprint, as opposed to some other looser grained wood that needs a lower temp. and lighter touch. I always have a test piece of the wood I'm about to brand (seen in the upper left corner of the pic) to try it all out prior to touching the original piece.



This photo shows how I always have a finger braced against the piece to steady my hand. It's kind of like an outrigger on a canoe, which provides balance and stability.



Here's a close-up of the pen tip and brand I'm using. This is the brand that gives me the basket weave pattern. It's just a 20 gauge nichrome wire that has been wound around a nail.

So here is what the final piece looks like. I've yet to put a finish on it, but it will probably be my usual walnut oil. I like this finish because it leaves the wood in a more natural appearance. The collar is ebony, and the cracks were filled with brass shavings. The vase stands approximately 4 1/2" tall, and 3 1/2" diameter.

I outline the space to be branded first with a commercial pen. I believe this is the DetailMaster A10 (or A6) I can't remember.

This line guides me as to where to brand, but also acts as my border to help prevent burning bleed over to a space I don't want charred.



APRIL GALLERY

Photos by George Wunker

Cherry



Scott Caskey



Ambrosia Maple

Sam McDowell



Jim Miles



Ambrosia Maple

Edgar Ingram

Turning Tips from the Internet (reprinted with permission)

Turning Problem Wood - by Wally Dickerman

I have a method for securing to the lathe an endgrain blank that is too soft to use a chuck, or to use a faceplate and even long screws.

Using a blank that is 11 inches long and 6 inches in diameter, I turned the outside between centers, and I trued up the bottom to use a 4 inch faceplate. I made a mark 1/2 inch from the end for each of the 6 screws. Using my drill press and a V-block, I drilled 1/2 inch holes 1 inch deep and glued in hardwood dowels. Using 1 inch screws I installed the faceplate. The screws are screwed into the dowels, and are very secure. I've been using this method successfully for many years.



Sawhorse Description - by Jerry Kroehn



If you use an electric chainsaw in your small shop, this sawhorse is very useful and simple. Made from 2 milk crates, 2x4's and a wooden dowel. A nylon clamp can be used for a hold-down. Two 2x12's were put in the bottom for spacers.



APRIL GALLERY

Photos by George Wunker

Wild Cherry



Edgar Ingram



Walnut, Cherry, Padauk

Jim Miles

Walnut



Sam McDowell



Ambrosia Maple

Sam McDowell



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873 S. Rugby Rd., Hendersonville, NC 28791

OFFICERS

President: Ron Mechling (336) 385-1250
Vice President: Ric Erkes (704) 896-3302
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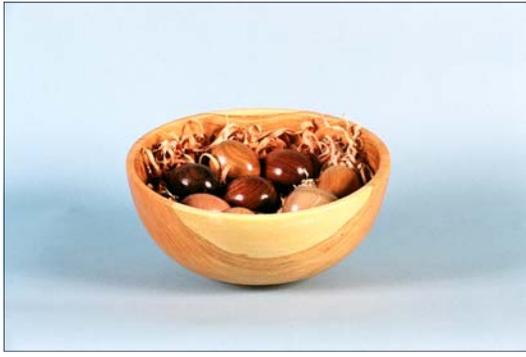
PAST PRESIDENT: John Winslett

Journal Editor: John Uteck
11421 Brook Meadow Place, Charlotte, NC 28214
(704) 395-0728 john-uteck@carolina.rr.com

Internet: www.geocities.com/nc_woodturners groups.yahoo.com/group/new

APRIL GALLERY

Photos by George Wunker



David Kaylor



David Kaylor



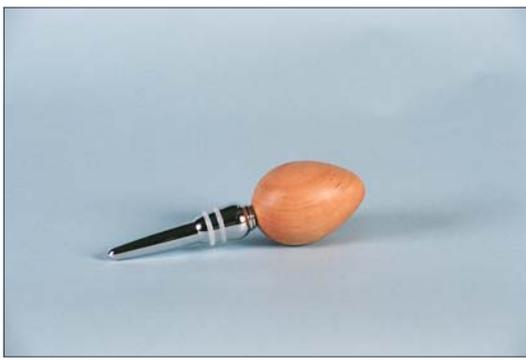
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Black Willow

Dean Amos



Scott Caskey



Ambrosia Maple

Clarence Cogdell

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 8th at 10:00 am