



## North Carolina WOODTURNER

Journal of the North Carolina Woodturners Association  
 A Chapter of the American Association of Woodturners  
[www.ncwoodturners.com](http://www.ncwoodturners.com)

October 2007  
 Volume 17, No. 10



Michael McNeilly—Yellow Pine Root



Harold Lineberger  
 Maple



Jim Miles—Maple & Padauk Collection Plate

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The AAW is dedicated to the advancement of woodturning by providing education, information, organization, technical assistance, and publications relating to woodturning. The North Carolina Woodturners Association purpose is to promote an interest in wood turning for persons of all levels, and to encourage membership in, and give support to, the American Association of Woodturners.

**It's not what happens to you  
 that determines how far you  
 will go in life;  
 It's how you handle what  
 happens to you.**

## President's Message by Sam McDowell

October will be a VERY busy month. I hope a lot of you will be going to the Symposium in Greensboro on the 5, 6, 7 Oct. It promises to be a great show. We are responsible for the operation of one demonstration room all weekend. Please come and help out. There will be a large number of vendors as well. Nationally known demonstrators, tool and wood vendors, camaraderie and a chance to help out; see you there.

The regular monthly meeting on 13 October will start with a "hands on" session @ 10:00. We only had two responses to a list posted around at the Sept meeting. If you want to be part of this, let me know. There will also be a trailer load of Norfolk Island pine from Florida for sale/trade there. I will be demonstrating the basics of turning green wood in the afternoon.

Klingspor will be having their Extravaganza on 26, 27 Oct. I talked with Coleman Fourshee about demonstrators. He has lined up a couple of outside people but can use some more. If you would like to demonstrate something you do in woodturning, this is a good venue. Coleman will pay with gift certificates. This is a good way to practice teaching your specialty and pay back a little to your club. The Asheville club will bring their learning center which consists of several lathes and tool sets. We plan to have sessions open to the public to let adults and children try their hand at woodturning. We will need help with instructors for these sessions. I will have a scheduling block for you to sign up. We really need your help. There will be 5 clubs participating. We will each have space for display and sale of our work. Realistically, it is tough to sell wood pieces to wood workers; just don't get your hopes too high. Coleman says there will be some new vendors and promises a great show.

October will be busy, come and enjoy.

- Sam

## Membership & Library News by Mary Bachand

**Membership:** Please welcome back into our chapter Bill Koehler of Mt. Holly, NC. Bill is a former member.

**Library:** SURPRISE! If you have rentals from our library, you may keep them until our November meeting at no extra charge. Of course, if you would like to mail them to me, that will be just fine.

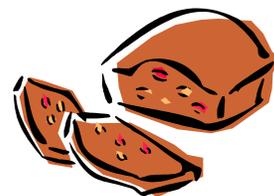
I will not be at the October meeting and will miss the demo by "John Doe". Ken's artillery group, Macbeth SC Light Artillery, will be in their last reenactment as the cannon owner is selling the cannon. So we will be at the "Battle of Blue Springs" at Mosheim, TN near Greenville, TN. Hope that you didn't miss the demonstration by Sam of me getting into a porta potty with a hoop skirt on. He was quite funny.

Only 15 rentals were made at our meeting so I have no money to buy anything new. Sorry!

### *Holiday Fruit Cakes*

Mary is taking orders now for fruit cakes to be delivered at the December meeting. The fruit cakes are made with dates, cherries, candied pineapple, pecans, and "just a touch" of Myers dark rum. The small loaf size is \$11 and the large loaf size is \$27. Please let Mary know by note, e-mail, phone call, or in person if you want any so that she will have enough this year. Orders will be taken through the November meeting.

Mary Bachand  
296 Laurel Park Place  
Hendersonville, NC 28791  
(828) 696-8372  
Email: [kbachand@juno.com](mailto:kbachand@juno.com)



## Program Notes—Sam McDowell

I was born in Birmingham, Alabama and moved to Statesville, North Carolina as a teen. I received a BS in Physics from East Carolina University in 1970. I served 7 years active USAF and 13 years Kentucky Air National Guard. I was hired in 1985 by Piedmont Airlines (now USAirways). I am currently flying a Boeing 757 out of Charlotte NC.

My woodturning began in 1994 when I made chalices for our church (Trinity Episcopal) for use during Lent. I was hooked. Woodturning has become a primary pass time on my days off. My work has been displayed in the local Museum and art galleries. Currently I am president on the North Carolina Woodturners Club. I have been a featured demonstrator at the North Carolina Woodturners

Symposium and instructor at local craft schools. I have received Best in Show at the Christmas in July festival in West Jefferson NC as well as best in class at the Matthews Alive (NC) three years in a row.



Sam with clothes on.



Sam is the short one.

My style is simple. My primary objective is to display the natural beauty of the wood. Local woods are my main source, especially Cherry burls and figured Maple.

- Sam

In the afternoon, 1-4pm, on October 13th, Sam will demonstrate the basics of turning green wood. With a green log, he will show the steps from splitting to finishing. He will discuss water in the wood, shrinkage, checking, grain orientation, design, sanding, drying, and some finishing, if time permits.

### Hands-on Session 10:00am—12:00pm, October 13th

Topics will include:

- Hollow forms
- Natural edge “elongated” bowls
- Tips on chuck mounting

Other suggestions are welcome! Contact Sam McDowell or John Melius with your input before October 13th!

## Norfolk Island Pine For Sale or Trade

**Bob Winter will have a trailer load of Norfolk Island Pine at 10:00 am on October 13th in the Klingspor parking lot. It will be for sale or trade for burls or other interesting pieces of wood. Come early to buy and/or trade!**

## Klingspor's Woodworking Shop 7th Annual Extravaganza Friday, October 26 - 9 am - 6 pm/Saturday, October 27 - 9 am - 4 pm

The Klingspor's Woodworking Shop 7th Annual Extravaganza will be held on Friday, October 26 and Saturday, October 27, 2007 at the Hickory Metro Convention Center in Hickory, North Carolina. Friday show hours are 9 am - 6 pm. The Saturday show hours are 9 am - 4 pm.

### Reasons to Attend

- \* FREE Admission, Classes & Demos, Tours, Parking, and Apples
- \* Freud Clinics @ Extravaganza
- \* Router Bit Tips and Tricks—Learn the basics of using router bits on a router table, including tips for edge jointing and stick cutting, groove cutting, and aligning router bit height for cope and stick joints.
- \* Shaker Style Joinery and Cabinet Doors—Learn about cope and stick joinery for Shaker and Mission style frame and panel construction, including how to make a Shaker style cabinet door.
- \* Architectural Millwork on a Router Table—Learn how to make custom moldings with a router table, including wide crown, chair rail, and base cap molding.
- \* Midwest Antique Tool Collectors Society—will be at the event both days—Antique tools for sale!
- \* Closeouts Section—Larger than ever!
- \* Demos by Morris Schlesinger—Hollow Form Turning & Making a Stool on the Lathe—Friday and Saturday
- \* Demos by Eddie Hamrick—Turning Pool Cues, How to turn Vintage Golf Clubs—Friday only
- \* Mini Lathes available from Carolina Mountain Woodturners—Children and beginners welcome!
- \* Carving Events:
  - Friday—11:00-12:00 - Catawba Valley Basketmakers Guild—basket making  
12:00-1:00—Carole Jean Boyd—Cypress knee carving
  - Saturday—10:00-11:30—Single blade carving contest sponsored by Stubai  
11:00-12:00 Catawba Valley Basketmakers Guild—basket making  
11:00-2:00—Patrick Eubanks will demonstrate how to antique a duck decoy  
12:00-1:00—Carole Jean Boyd—Cypress knee carving  
12:30-2:00—Tom Wolfe “any tool in your box” carving contest

for more information and directions go to [www.woodworkingshop.com](http://www.woodworkingshop.com)

### **A Special Note from Coleman Fourshee of Klingspor's Woodworking Shop in Hickory**

There is space in a Klingspor tent at two events prior to the Extravaganza. Sept 29 at the Hildebrand NC Festival and Oct 12-14 at the Hickory Oktoberfest. Both places have room for a display/demo for free. There will be room for a mini lathe and who ever does it would be free to sell their wares. If you are interested, please contact Coleman:

Email: [cfourshee@woodworkingshop.com](mailto:cfourshee@woodworkingshop.com) Phone: 828-326-9663



**Bright Ideas &  
Helpful Hints!**

### **Homemade Kiln!**

*-Sam McDowell*

You can turn an old freezer into a kiln. All you need is an old freezer with a couple of vent holes with filters to keep the critters out, and a light socket. 100 watts gives 110 degrees, 200 watts gives 150+ degrees.



## **Band Saw History & Maintenance**

The NCW hosted band saw blade expert Gordon Combest as the demonstrator for the September 8, 2007 meeting. Gordon gave quite an education on the history of the band saw, set-up, and a hands-on demonstration.

The band saw tire was a flat tire back in the 1940's and was generally used for straight cuts. Then the turners came and the curved cuts were the desired. Thus the blades started to get smaller and smaller. There were problems derived from this due to the tracking of the blades on the tires.

The early band saw tires were typically made from rubber, but are now changing to urethane tires giving the tires more flexibility. The tire adds the resistance to the blade; you may need to build a crown on your tire to assist with the tracking.

To build a crown you will need to get electrical tape and build up layer by layer till a crown is made; the first layer would be electrical tape wrapped around the tire center end to end with no over lap, the second layer would be a smaller width of the tape wrapped around the tire center end to end with no over lap, the third is again smaller then the second using the same process as step 1 & 2. Keep in mind to stagger the tape joints with each crown layer.

The old carbon blades were the first band saw blades; they were the skip tooth and the hook tooth. They were originally designed for metal cutting. The skip tooth is a non-aggressive blade and gives a cleaner cut. The skip tooth is a more desired blade for wood cutting.

Timber Wolf band saw blades started designing blades for the wood worker. After a number of years of designing the ultimate band saw blade they began seeing straighter cuts with little or no ripping of the wood fibers. With all the blades the company offers they have created a band saw line for the wood turner. The "Turners Blade" is made especially for Woodturners in several widths. Woodturners generally are cutting green wood (wet wood) and most band saw blades tend to gum up, the "Turners Blade" is made for using on green wood.

Timber Wolf band saw blades require less tension then the typical blades. Blades may be re-sharpened, but most consumers would rather not hassle with the re-sharpening but to purchase a new blade.

The demonstration was done on the Rikon band saw furnished by Klingspor. Prior to starting you should check your tire of the band saw to make sure the tires are aligned and there still is flexibility and a curvature to the tires. The bottom tire is the drive tire.

Coiling and re-coiling a band saw blade can be difficult. Always wear protective gloves to prevent any cuts to the hands. Coiling the blade... put your foot on the bottom of the blade, hold the blade on the top with your thumb & elbow out, then rotate the arm to coil. To un-coil --- Gordon recommends throwing it to the side away from your face and let nature take its course.

Putting the blade on the band saw... release the tension on the band saw. Remember teeth forward for cutting. Remove all the guides and thread the blade into the slots onto the tires. Place the center of the blade on the center of the top wheel/tire crown, angle the wheel till the blade is on the center of the top wheel then lock the wheel back down. Continue to rotate the wheel for blade placement. The guides should be away from the blades to verify movement. Once the blade is on the wheels, close up the machine, replace the guides and turn the machine on to watch the tracking of the blade. Gordon recommends then loosening the tension while the machine is on. Use the flutter test, when the blade starts to flutter about ¼ an inch from side to side... at that time start turning the tension back until the flutter straightens out, that should be the correct tension for the blade.

Setting the guides on the band saw, whether ball bearing guides or other materials. On the upper guide, set the back up bearing to where it is holding the blade so when pressure is put on the blade the back up bearing holds it forward, almost touching but the bearing does not spin while running. When setting the side bearings (next to the blade), set the inside bearing first almost touching the blade, now turn the blade – if the bearing is almost touching without moving it is perfect. Take a one dollar bill and wrap it around the blade, move the outside bearing to where it is touching the dollar bill and move the blade up & down... the dollar bill gives the perfect distance needed between the bearings and the blade without the blade touching the bearings. Do the same process to the lower guide.

At this time the band saw is pretty much ready to use. When getting ready to cut, the closer you can get the bearings to your cutting material the more precise the cut will be. If any lubricant is needed on the blade, Gordon recommends "Pam cooking spray".

When cutting against the guide/fence make sure your fence is large enough to stabilize the material you are planning to cut.

Remember SAFETY FIRST and foremost when using any tools.



## **Turning & Learning North Carolina's Woodturning Symposium**

**October 5, 6, 7 - Greensboro, NC**

**For more information go to: [www.northcarolinawoodturning.com](http://www.northcarolinawoodturning.com)**

### **2008 MEMBERSHIP APPLICATION**

The 2008 NCW Membership Application/renewal form is included in the mailing of this newsletter. Renewal dues are \$50.00 for year 2008. New membership dues are \$50.00; after April 1st, \$45.00; after July 1st, \$40.00; after October 1st, \$55.00, which includes the following year.

Mail completed form with check made payable to **NC Woodturners** to:

North Carolina Woodturners Association  
Mary Bachand, Secretary  
296 Laurel Park Place  
Hendersonville, NC 28791

Membership Application/renewal forms will also be available for pick up at the meetings or for download from our website at [www.ncwoodturners.com](http://www.ncwoodturners.com).

# September Challenge Project—Turn a Burl

	J	F	M	A	M	J	J	A	S	O	N	D
Dave Allen *												
J.T. Barker *												
Scott Caskey *												
Clarence Cogdell *												
Greg Crowder												
Steve Hoyle *												
David Kaylor												
Harold Lineberger *												
Sam McDowell *												
Michael McNeilly *												
John Melius *												
Jim Miles *												
Jerry Ostrander *												
Max Schronce *												

**CHALLENGE WINNER!**



Sam McDowell



John Melius—Red Oak Burl



Clarence Cogdell—Cherry Burl Jewelry Box



Clarence Cogdell—Cherry Burl Jewelry Box



Clarence Cogdell—Cherry Burl Jewelry Box

## 2007 Challenge Projects

- \* **January**—“Remember when...”
- \* **February**—Turn a Crotch *or* Create a New Piece from an Old Piece
- \* **March** - Leave some bark on it.
- \* **April** - “Anything But Wood”
- \* **May** - Texture it!
- \* **June** - Turn something with a Stem.
- \* **July** - Light My Fire! Turn & Burn
- \* **August** - 2X4 Turning
- \* **September** - Turn a burl.
- \* **October** - Turn something to wear. jewelry, a hat, belt buckle, buttons, etc.....
- \* **November** - Fancy Feet!  
The most impressive base wins!
- \* **December** - Spindles  
Thin, long, twisted, with a captive ring? You decide.



J.T. Barker



## Keep Going!!

You've come such a long way...**Don't Stop Now!!**  
Congratulations to the **12** who have come this far! Watch the chart each month to see who continues the

## 2007 Challenge Project Marathon!

Those who successfully finish the marathon will be awarded a

**\$50 Gift Certificate from Klingspor & a Trophy!**

# September Challenge Project — Turn a Burl



John Melius—Osage Orange Burl



Dave Allen—Willow Burl



John Melius—Ambrosia Maple Burl



Harold Lineberger—Cherry Burl



Scott Caskey—Oak Burl



Don Olsen—Oak Burl  
Bud Vase



Jim Miles—Western Red Cedar



Michael McNeilly—Mtn. Laurel



Max Schronce—Cherry Burl



Jim Miles—Maple Burl



Steve Hoyle—Cherry



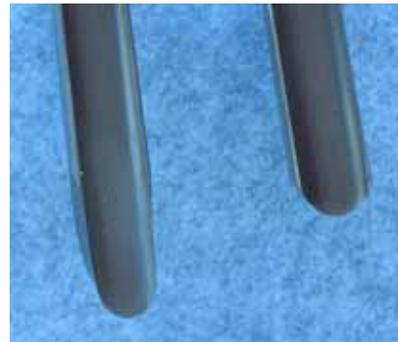
Jerry Ostrander—Cherry Burl



I've often wanted to know what a detail gouge was. It looked like a spindle gouge from the pics in catalogs. I asked a few others at our club meetings but nothing is like first hand knowledge. So this corner discusses what I've discovered.

I needed a new spindle gouge so I ordered a 1/2 inch spindle gouge and a detail gouge and they just arrived. The following pictures show how they look out of the box. The detail gouge has a long swept back side grind. What I noticed is that the spindle gouge appears to be just a bit wider and the detail gouge has a shallower flute. In fact both measured exactly 1/2 inch wide.

Another difference is that the length of the bevel on the spindle gouge is 3/8ths and 1/2 on the detail gouge. So the bevel on the detail gouge has a notable concave shape to it and as a result, requires a light, careful touch when presenting the tool to the turning wood. But because of the shape and the length of the bevel, I found that it allows me to get in a small tight area and make nice clean cuts.



I tried a few light cuts with each tool before putting my own fingernail grind on. Both felt nice and I believe the detail gouge will take a bit of getting used to, but will allow a bit more precision cuts as I gain more experience with it. I'm not sure how useful the long side grind will be, perhaps time will tell. I haven't experienced this myself but, descriptions of the detail gouge indicate that since it has more mass than a spindle gouge, its more stable as the distance of the tool rest and the turning increases.

That's it for this months corner. As always, please email me with any comments / suggestions regarding the corner... especially what topics to write about...I'm running out of ideas....

Ed Mackey (woodenforms@yahoo.com)

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

**NEXT MEETING: October 13th— 1:00pm—4:00pm**  
**Hands-on Session—10:00am—12:00pm**

**FREE for all NCW Members—No need to register, just show up!**

## WESTERN PIEDMONT WOODCRAFTERS

presents

### Spindle Turning by Dave Hout

December 1st, 2007 — 10:00am—12:00 pm  
Klingspor's Woodworking Shop in Hickory

## 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:*

- \* Dean Amos (Sandy Ridge, NC)  
336-871-2916.
- \* Gene Dampier (Fairview, NC)  
828-296-0418.
- \* Edgar Ingram (Statesville, NC)  
704-876-4576.
- \* David Kaylor (Davidson, NC)  
704-892-8554.
- \* Glenn Mace (Mocksville, NC)  
336-751-4693.
- \* Sam McDowell (Statesville, NC)  
704-871-9801.
- \* Ron Mechling (Shelby, NC)  
704-487-0506.
- \* Jim Miles (Cornelius, NC)  
704-661-0600.
- \* Dick Nielson (Gastonia, NC)  
704-864-1742.
- \* Don Olsen (Lincolnton, NC)  
704-735-9335.

### NCW Demonstration Calendar

- \* **October 13—10am—12pm - Hands-on**  
- 1pm—4pm—Sam McDowell—Turning Green Wood
- \* **Nov 10—10am—4pm—Tom Zumbach—Lidded Vessels**
- \* **December 8—Christmas Party**



### NORTH CAROLINA WOODTURNER

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

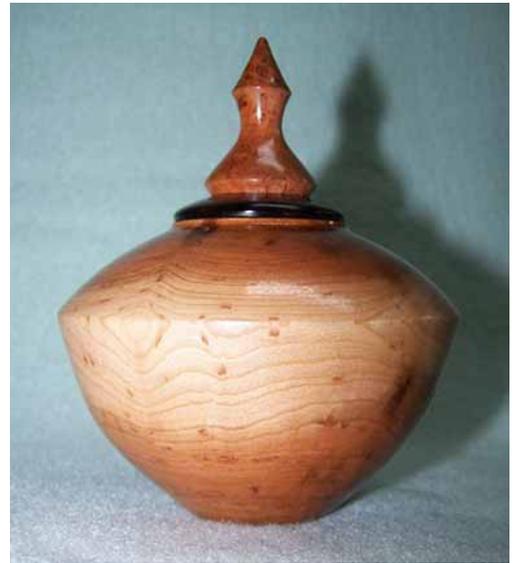
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**John C. Campbell Folk School**  
Brasstown, NC  
1-800-FOLK SCH  
([www.folkschool.com](http://www.folkschool.com))

If you want to volunteer as a mentor, please contact Barb Ward with your information for the newsletter.



Wayne Veit—Bradford Pear Bowls & Small Tops



Clarence Cogdell—Cherry Burl Box



Jim Falowski—Cherry



Jim Miles—Cherry & Walnut



Orville Shook—Lidded Boxes



Jim Falowski—Pine & Jamaica Dogwood

**Gallery Photos** by Scott Caskey



Harold Lineberger—Cedar

**Newsletter Photos are available in jpeg.  
If you would like any of them, ask Barb.  
bward@ipcins.com**



Orville Shook—Stacked Lidded Boxes



Max Schronce—Box Elder



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