



South Metro Woodturners Newnan, GA



Chapter 215 of the American Association of Woodturners

September 27th, 2011

Editor: George Daughtry gtd1@Bellsouth.net

President's Notes:

We all enjoyed the demonstration by Ernie Newman and if you were not there you missed a good show and some good instruction.

Next month, for our October meeting, we have Wes Jones coming to us from the far reaches of Lawrenceville, Georgia. Should be another very good show to watch.

"Y'all Come and Enjoy".

In other areas of club operation:

I would like to take this opportunity to congratulate our club officers for 2012. They are Rich Aldrich, President, Tom Essex, Vice-President, John McCullough, Treasurer and George Daughtry, Secretary. I would like to thank George for serving a second term as Secretary, he is doing an excellent job. George will be unable to attend our Oct. meeting so if someone could volunteer to bring a camera and take a few pictures of the instant gallery and our demonstrator Wes Jones it would be

greatly appreciated. Please call or e-mail me if you can help with this.

I would like to remind everyone about our Christmas ornament project. Each member needs to turn at least 10 ornaments [unpainted] and bring them to the October meeting. Tommie Carr will be collecting these and will distribute them to the proper agencies.

Our Christmas party will be on December 13th at the Woodstream Community center, more info will be given out later. The setup volunteer for the Oct. meeting is Peter Hayes, he will be needing help, and our Oct. cleanup volunteers are Lamar Smith, Tommie Carr and Wayne Morris. I look forward to seeing everyone on October 18th.

Larry Nelms

If you are willing to do anything in support of our club activities, please contact Larry Nelms or Tommie Carr.

It is your club to make it as good as you wish or not.

Be Involved!

Next Meeting

- The next regular meeting will be October 18th (third Tuesday).
- Our October presentation we will have Wes Jones. Wes will demonstrate the 'Beal Buffing System', an important tool for putting the really impressive finish on your turnings.
- **Think Ahead** about where YOU want this club to go and how we can get there! Talk to your newly elected club officers about your ideas.

The newsletter needs your support!

Send me your ideas, 'for sale' items, tool tips or anything else you would like to share with fellow club members.

Contact George Daughtry, Editor at : GTD1@Bellsouth.net or Cell 770-634-1573

Show and Tell at the August 2011 meeting included these interesting pieces:

Right=A Walnut hat with band and feather by Tom Essex. Very Thin! Very Nice work Tom! And the horseshoe stand is Tom's work also!



Below=Hought Wahl brought a White Oak platter...for Ernie Newman to display spinning tops.



Below=A pen in presentation box, by Rich Aldrich; good looking piece.



Right=A large Maple Bowl with nice color and form and a smaller Maple Bowl with bark inclusions. Both by Lee Koepke.



Right=An Ambrosia Maple spherical hollow form with Sourwood finial, by George Daughtry.



Jeff Roberts brought in TWO of his excellent canes to show and share...Your Newsletter Editor failed to get photos of them. They were passed around for all present to admire. Sorry Jeff.

South Metro Woodturners Officers

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Upcoming Interesting Class at Campbell

PHIL COLSON, notorious GAW member, assisted by Mark Sillay (also notorious), will instruct "The Joy of Woodturning" at John C. Campbell March 18-24, 2012. Check out this and other instructional opportunities at: https://www.folkschool.org/index.php?section=class_detail&class_id=4973%20

Tool Tips—AAW Magazine

Every issue of the Journal of the American Association of Woodturners has a section on tips and hints sent in by members. If you get the publication, don't forget to read this section, or if you would like to receive the magazine for this and many other good informational and instructional articles, then become an AAW member. To join, follow this link: <http://www.woodturner.org/org/mbrship/>

2011 Demonstrators and meeting programs:

October...Wes Jones will demonstrate the 'Beal Buffing System', an important tool for the really impressive finish on your turnings.

November...Mark Sillay will demonstrate his "tooth pick technology", a technique you will enjoy seeing.

December...Club Christmas Party. It will be on December 13th at the Woodstream Community center. Details to be announced, but remember that last year we had a good time and got to eat some of Wayne Morris's excellent BBQ cooking.

Carving tool Danger = Edited from a post on "World of Woodturners" web site.

The purpose of this post is to help prevent others from having an accident while carving legs on a bowl. ...to warn of the dangers of using a King Arthur's Lancelot carving disk. The 4" disk is made with a small piece of chain saw chain with 22 teeth that circle the disk. The disk is mounted on a 4 1/2" grinder and is extremely aggressive and dangerous and runs at 40,000 RPM's.

Dennis removed the bowl from the lathe, set it on the work bench, plugged in the grinder with the Lancelot carving disk and was ready to begin carving. He sat at his stool, picked up the grinder, turned it on and held the grinder with one hand and the bowl with the other. The instant that Dennis touched the grinder to the bowl, the grinder violently jumped out of his right hand striking his left hand then surged upward striking him under the chin then powered around his neck to just below his right ear. His little finger, ring finger and middle finger were badly injured requiring 2 hours of initial surgery to close the wounds and an additional 3 hours of surgery to reconnect the tendons and ligaments. The Lancelot cut into Dennis' neck more than two inches deep, missed his jugular vein by 2 millimeters, miraculously skipped over his carotid artery, dug back in and continued cutting around his neck to just below the right ear. It took well over 100 stitches to close the injuries to his neck. Dennis said the doctors quit counting when they reached 100 stitches then continued sewing him up for over one additional hour.

DEMONSTRATION:

Our September 2011 demonstration was by Ernie Newman coming to us all the way from his home in the Blue Mountains near Sydney, Australia.

Ernie was a featured turner at the recent 'Turning Southern Style' symposium at Unicoi State Park, sponsored by GAW.

For our demonstration Ernie discussed the development of the idea of a turned 'female form' and demonstrated his turning technique for same. It involves a three-axis turning with lots of care in watching the 'shadow line' but has room for individual variations in size, shape, and style. A rough drawing of the profiles turned on each of the three axes was scanned and provided by Hought Wahl. This 'female form' drawing/sketch and another of his 'kokeshi doll' can be sent to you by email upon request to your newsletter editor (gtd1@bellsouth.net).

Ernie shared drawings for chess pieces, minus the queen.

During the course of his demonstration Ernie had lots of fun showing off a variety of turned puzzles, 'magic' toys, and classical and historic turnings.

He continued the show with spindle turning using some unusual tools, such as a shovel, axe, hammer, plane, spokeshave, and shotgun barrel.

In the more unusual category, Ernie turned spinning tops in a speed race and made a spinning top from a turnip.

The end of the show was a bit "corny".

Ernie packs a lot of value in a two hour show!

Check Ernie out at his web site: <http://www.ernienewman.cjb.net/>



CHRISTMAS ORNAMENTS

It is no longer 'premature' to get moving and turning.

It is NOW time to start working on turning the **unfinished** Christmas Ornaments that we donate each year for kids to color or just enjoy. We need each member to get going and bring at least TEN ornaments to the October meeting (OCT 18th).

These can be Snow-people, Christmas Trees, Tree Ornaments or any similar pieces. Keep it simple!

Start working on it now and avoid the rush later when you will be turning special ornaments for family and friends.

Call Tommie Carr if you want the details on this holiday gift program.



A Tool Tip

(Taken from Wood News Online by Highland Woodworking)

Question: I am getting ripples on the inside of my bowls when I'm turning. Can you help me?

Answer: Due to the different densities of early wood (fast growing and less dense) and late wood (slower growing/more dense), achieving a nice, fair and smooth inner surface on bowls can sometimes be a challenge. While more pronounced in some wood species than others, the varying density between early and late wood makes it difficult for the cutting tool to cut evenly. The tool cuts easier (and just slightly deeper) into the soft grain and not as deeply into the harder grain and you end up with ripples or bumps.

To lessen this effect, keep your cutting tool extremely sharp and use a light touch as you make your cuts. Pushing hard with a dull tool will only cause the tool to penetrate deeper into the soft grain, yet you will still encounter resistance in the harder grain and will end up with a less than smooth surface.

Whether you are cutting from the center out to the rim or from the rim to the center, always start the cut as if it were your last cut. Each cut should be a finish cut. Each cut should be a non-pressure cut. If you finesse the tool (perform light cuts with minimum pressure), you will produce clean, smooth cuts and you will not have to sand as much.

Lathe Safety Tips

Safe use of the woodturning lathe

While turning wood, you are unavoidably in close proximity to a rotating piece of wood attached to a machine. This presents a number of hazards but these can be controlled or minimized with a common sense approach. Develop good habits and stick with them!

- ♦ Check your speed - When you mount a fresh piece of wood on the lathe, make sure the lathe speed is set to be slow enough so the lathe won't vibrate dangerously. Refer to the safe speed formula; **RPM = 6,000/D to 9,000/D**.
- ♦ Position the tool rest close enough to the work piece to provide adequate support.
- ♦ Before you start the lathe, always rotate the work piece by hand to ensure it does not catch on the tool rest.
- ♦ Don't balance tools on your lathe that might fall off and injure you. Keep them in a rack and use just the one in your hand. Think about a sharp tool falling point first onto your bare foot; wear good shoes.
- ♦ Keep your fingers away from the rotating wood and don't hang your fingers over the tool rest.
- ♦ Whenever possible, don't stand directly in line with the rotating wood so if it comes loose, or if part of it breaks off, you aren't in the firing line. A face shield will help but even so you could still be injured if the speed was too high.
- ♦ If you are turning pieces of wood with glue joints, ensure the joint is secure and use a lower lathe speed as a pre-

caution.

- ♦ If you use cyanoacrylate (CA) glue for crack / gap filling, make sure the glue is dry before turning the lathe on. Sometimes a surface skin can form but the glue beneath can still be liquid. Once it sticks to your visor, it is virtually impossible to remove cleanly. You were wearing a visor - weren't you?
- ♦ When sanding, don't wrap the abrasive around your fingers and do use with your fingers trailing the direction of rotation.
- ♦ Remember "Anchor, Bevel, Cut" each time you bring up a tool to the work.
- ♦ Safe Lathe Speed

Dia.	RPM Range
1	6000 9000
2	3000 4500
3	2000 3000
4	1500 2250
5	1200 1800
6	1000 1500
7	857 1286
8	750 1125
9	667 1000
10	600 900
11	545 818
12	500 750
13	462 692
14	429 643
15	400 600
16	375 563
17	353 529
18	333 500
19	316 474
20	300 450

The Daughtry grandkid is one year old. Send me your photos and you will not have to look at mine.



Woodturning Schools & Classes

John C. Campbell Folk School www.folkschool.org

800-FOLK SCH, Brasstown, NC

Arrowmont School of Arts & Crafts

www.arrowmont.org 865-436-5860, Gatlinburg, TN

Highland Hardware www.highlandhardware.com

800-241-6748, Atlanta, GA

Appalachian Center for Crafts www.tntech.edu/craftcenter

931-372-3051

Dogwood Institute School of Fine Woodworking

www.dogwoodwoodworking.com 770-751-9571

Woodcraft <http://www.woodcraft.com> 800-225-1153 Roswell, GA

Woodturning Links

Craft Supply

<http://www.woodturnerscatalog.com>
800-551-8876 Woodturning Supplies

Packard <http://www.packardwoodworks.com>
800-683-8876 Woodturning Supplies

American Association of Woodturners
<http://www.woodturner.org>
Woodturning Association.

Klingspor
www.woodworkingshop.com
800-228-0000
Abrasives and woodturning supplies

Highland Woodworking
<http://www.highlandhardware.com>
800-241-6748
Woodworking tools, supplies

The Cutting Edge <http://www.cuttingedgetools.com>
800-790-7980 Turning and carving tools, supplies

Penn State <http://www.pennstateind.com>
800-377-7297
Woodturning tools, supplies

Hut Products <http://www.hutproducts.com>
800-547-5461
Woodturning tools, supplies

Atlanta Wood Products
<http://www.hardwoodweb.com>
800-964-7804
Specialty Hardwoods

Woodcraft <http://www.woodcraft.com>
800-225-1153
Woodworking and Hardware

Rockler
<http://www.rockler.com>
800-279-4441
Woodworking and Hardware

Wood magazine Forum
<http://www.woodmagazine.com>
Q & A on Woodturning

The following local turners give private woodturning instruction in their own shops. Contact them for more information.

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