



Many Good Turns

A CHAPTER OF THE AMERICAN
ASSOCIATION OF WOODTURNERS

DECEMBER 2018

SPECIAL POINTS OF INTEREST:

- President's Letter
- January Meeting
- Safety Corner
- Beads of Courage
- Tools for Beginners

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Letter from the President

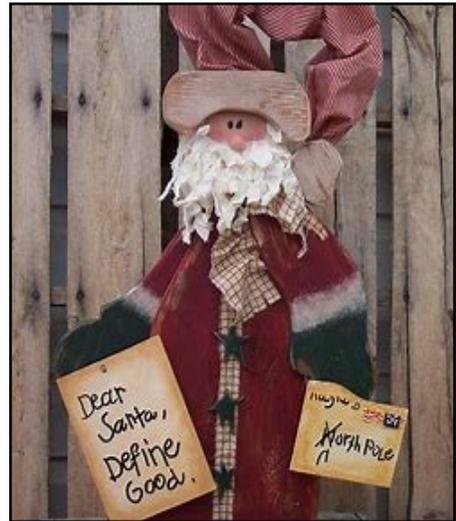
Dear club members,

I wanted to thank each and everyone of you for your commitment to our club, The Central Ohio Woodturners. We have had a great 2018 and I am sure you are all looking forward to a better 2019.

Please take this holiday season to spend precious time with the ones you love. Give thanks for the friendships we have built and remember those that we miss.

Stay safe. Live. Love. Laugh.

Your President,
Dan West



January Meeting

January 8th is the date for our next get-together. Meetings are held the second Tuesday of each month in the basement of Holy Spirit Church on the corner of E. Broad St. and Yearling Avenue.

6:00 to 7:00 pm: Meet and Greet.

If you have any tools or wood to sell/swap bring them then. You can also help get things set up or socialize.

7:00 pm: Regular meeting.

Short business meeting.

Gentle Critique and Show & Tell.

Turner's Corner: — A roundtable of five demonstrations.

Tom Hale — Introduction to power carving

Ron Tomasch — Sanding

Mark Boyd — Photographing your work

Max Kackstetter — Inside-Out turning

Scott Gordon — Segmenting software



Safety Corner

Personal Protection Checklist: Every Time You Turn

1. Eyes and Face

Wear a full faceshield all the time. If you also wear eyeglasses, get shatter-proof lenses with side shields.

2. Body

Wear a turning smock with short sleeves or tight cuffs. Tie back long hair, and avoid loose clothing, dangling jewelry, or ear-bud wires that could catch on the lathe, chuck, or work piece.

3. Lungs

Wood dust, sandpaper debris, and fine particles from a grinder will harm your respiratory system. Ventilate your workshop and wear a dust mask or air filtration helmet, or install a dust collection system.

4. Ears

Wear hearing protection during extended periods of turning.

5. Feet

Wear closed-toe shoes or work boots, never sandals, to protect your feet from dropped tools and chunks of wood around the lathe, and also with other tools, such as a table saw.



Source: AAW Safety for Woodturners

Beads of Courage

A kind thank you note to Scott Gordon from our first recipient's father

Hi Scott,

This is Ella's dad from the Beads of Courage event at NCH on November 27th. I just wanted to say thank you again to you and your group for your generous donations to the hospital and this program. The Beads of Courage program has meant a lot to Ella. In the summer of 2017, she was in the CTICU for a stretch of 89 straight days after having complications with an open heart surgery. One of the things that brought her joy during her recovery was stringing up those beads. It was great to see her face light up again looking at the bead bowls that your group donated this week. Your effort and generosity is appreciated.

Thank you,
Greg Karst



Max, Ella, and Greg

NOTE: As many of you may know, Ben Gelber of WCMH TV4 in Columbus, did a feature on C.O.W.'s involvement in the Beads of Courage project. It was aired on channel 4's evening news on December 23rd. It featured our own TV stars, Scott Gordon and Greg Drakulich, as well as several of the BoC boxes we donated to Children's Hospital. If you missed the broadcast, check out their website, under News, Local:

www.nbc4i.com/news/local-news

Basic Tool Selection for the Beginning Turner



Spindle Roughing Gouge, 1 to 1-1/2" wide: A spindle roughing gouge is used for roughing out a blank that is held between a drive center in the headstock and a live center in the tailstock from its original square shape to a rounded cylinder. It can also be used for cutting shallow coves in the spindle's surface. The side cutting edge of a sharp SRG where those parts of the tool are ground flat can be used almost like a skew to create a smooth surface on the cylinder.



Parting Tool, Diamond Shaped: A diamond-shaped parting tool is used to cut off waste wood and separate parts of a turning. It is also used with outside calipers to establish diameter dimensions on a spindle. It can be used to cut small flat areas. The narrow side of the tool is placed on the tool rest and the cutting edge is presented above the centerline of the piece and is levered upward to start the cut. It has a diamond-shaped cross section, which reduces the tendency of the tool to bind when cutting. It's usually about 3/4" wide and 1/8" to 3/16" thick.



Spindle Gouge, 3/8": A spindle gouge, sometimes called a shallow fluted gouge, is used to cut the detail features like concave curves or coves, convex curves or beads, and variations of these cuts. A spindle gouge is usually ground into a shape that looks like a "lady's fingernail", where the sides of the tip area are ground back. This makes the tool more versatile. Various bevel angles are often ground on them but I suggest using a 35° angle to start.



Bowl Gouge, 1/2": A bowl gouge is generally used to form both the inside and the outside surfaces of a bowl or platter. It can be used to cut deeper coves when turning spindles. The base side of the bowl blank is fastened to a faceplate with screws and the bowl surfaces are shaped with a bowl gouge. The bowl gouge is probably the most used tool in a turner's tool kit. It is also the tool that has the most variations in the shape and grind configuration of all woodturning tools.



Skew Chisel, 3/4": The surface of the cylinder will be smoother when a skew is used to make the cuts rather a spindle gouge. However, there are specific cutting techniques that must be learned in order to use a skew successfully. A skew has two bevels and is available in various configurations—usually slight, or with a gentle curve. It is usually ground at a 45° angle to the side of the tool.



Square End Scraper, 3/4" wide by 1/4" thick: The square-end scraper is used to remove the tool marks from the outside surface of the bowl by using the reverse rake technique and scraping the wood directly at a 90° angle. The handle of the scraper will have to be continuously moved or a flat spot will appear on the surface.



Round Nosed Scraper, 3/4" wide by 1/4" thick: The round-nose scraper is used to remove the tool marks on the inside surface of the bowl. This scraper can also be used to remove the little nub that often appears right at the center point of the inside of the bowl. A variation of this tool is the side radius scraper. It has a rounded tip that extends back along one side to allow a longer cutting surface that yields a more even and continuous scraping cut from the center to the rim on the inside of the bowl.

Scientific Name

Dalbergia melanoxylon

Common Uses

Musical instruments (guitars, clarinets, oboes, etc.), inlay, carving, tool handles, and other turned objects. Accent pieces such as finials.

African blackwood is considered to be among the hardest and densest of woods in the world.

Habitat

Dry savanna regions of central and southern Africa.

African blackwood is listed under the genus-wide restriction on all *Dalbergia* species—which also includes finished products made of the wood.

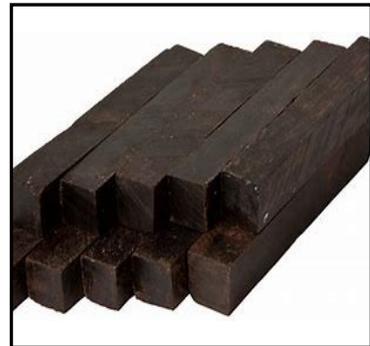
Description

Often completely black, with little or no discernible grain. Occasionally slightly lighter, with a dark brown or purplish hue. The pale yellow sapwood is usually very thin, and is clearly demarcated from the darker heartwood.

Wood for Turning African Blackwood



Blackwood tree



Small blackwood blanks



Threaded finial. (Blackwood's density makes it excellent for thread chasing.)



Finial and base

Source: The Wood database



Central Ohio Woodturners

Meeting Location

Holy Spirit Church
4383 East Broad Street
Columbus, Ohio 43213

Membership Chair

Nancy Kerns
41 Jeremy Court
Pataskala, Ohio 43062

The Central Ohio Woodturners (COW) is dedicated to promoting the art and craft of woodturning. We are open to anyone with an interest in woodturning — both beginners and experienced turners.

Club members also have the opportunity to serve the community by mentoring youth turners, making pens to thank military members and veterans, and turning bowls and other objects to help charitable fundraising projects.

