

Turn North



The Monthly Newsletter of the Northland Woodturners

www.northlandwoodturners-kc.com

January 2022

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Chapter Meetings:

First Thursday of every month, 7-9 pm.
Our ADDRESS: We're south of Zona Rosa just off NW Prairie View Rd., in the old Mid-Continent Library building on the top floor. Parking is on top of the hill off Tower Drive.

Coming Attractions

Newsletters on the Chapter Website:
<http://northlandwoodturners-kc.com>

Event Information:

NEEDED: Fund raising Ideas.

Remember—2022 dues are \$10 for the year.

Due beginning January 7, 2022

**Next Meeting:
January 6, 2022**

**ZOOM—884 5557 0290
(no password needed)**



Fascination with Friction

Excerpted from an article by Emmett Manley in the April 2011 *American Woodturner*, an AAW publication.

A burn line is one of the first embellishments learned by many woodturners. Referred to a scorch mark by British turners, it can magically appear in just a few seconds; the result of *friction* against the turned piece. A little information below will help refresh memories for most turners and allow “newbies” to try a technique that is not difficult to produce. A word or two of caution is also in order since overdoing it can be detrimental to the overall design of a piece. Overdoing is sometimes done because only 1 or 3 lines are so tempting. For the reasons that the “Golden Triangle” exists, an odd number of lines or burn marks are best. The width of the burn is controlled by the wire size used. Piano wire, guitar strings, fish leaders all work.

SAFETY CAUTION: (*suggested by Emmett*)

1. For safety **NEVER** hold the wire in you bare hands. It doesn't take much imagination to figure what will happen if it catches.
2. Handles need to be on both ends. Fish leaders have a loop on both ends and can be attached to screw eyes firmly anchored in the handles.
3. Keep the wire taut. Loose wire can catch and pull the “tool” out of your hand. Because this **CAN** happen, a ball handle might be best.

DESIGN Considerations:

Spacing of the lines can be a challenge, especially on odd-shaped pieces. However, one way around this is to put the line locations on with pencil then burn away the mark. Making the outside lines first then dividing evenly may be easier to space the marks.

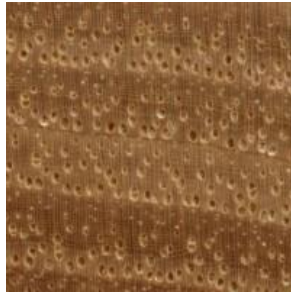
Using an odd number of lines is always best, particularly when the lines will be located in an obvious place on the turning.

PRACTICE, PRACTICE, PRACTICE!: Try out your design on a blank to see how hard to press, how long to stay and what size looks best for the turning shape. This may necessitate a few pieces of “scrap” turnings that can be used for other purposes later.

Have fun playing with this idea and incorporate it in your new work.

A new feature this year, 2022, will be a “Wanted/For Sale” section. If you have a tool, machine, or special material—wood, supply that you either no longer need, want to trade for something else, or just sell to someone (*or give away*) let the Editor know in advance of the newsletter publishing and it will be entered. Be sure to include identifying characteristics, name, contact method and approximate price. Happy Hunting!!

Wood of The Month



Hickory – *Carya* spp.

Chances are, in this past bar-b-que season, you have enjoyed the flavor, and aroma and even the cooking fire of this month’s “Wood of the Month”, **Hickory**. That use, and being used as firewood are the less glorious uses of this wood because of its high thermal energy while being burnt when the wood is not suitable for its other primary uses. **Hickory** is one of the primary woods used for the handles of many tools, sporting equipment or anywhere a tough wood is needed. **Hickory** is denser, stiffer, and harder than either White Oak or Hard Maple. Additionally, it has excellent shock and impact resistance, and is used in applications where overall toughness is paramount. Of all hardwoods, shagbark hickory is the best wood for handles for axes, hammers, hatchets, and picks and nearly 80% is used for this purpose. Today increasing quantities are used for athletic goods, such as skis, lacrosse stick handles or golf clubs. Other minor uses include ladder rungs, drum sticks, inexpensive archery bows and agricultural parts. **Hickory** is probably the toughest wood in the US, thus the nickname “Old Hickory” of one of our ancestors, civil war general and president, Andrew Jackson.

Hickory is the genus *Carya* of which there are about 17 to 19 species worldwide. As many as 12 are found in the United States with about eight in Missouri. The *Carya* genus, or Hickory, is divided into two main groupings; **True-Hickory**, and **Pecan-Hickory**. Species in the True-Hickory group tend to be slightly denser, and therefore a bit harder and stronger than the species in the Pecan-Hickory group. Although the two groups of hickory can be reliably separated, identifying particular species within each grouping is usually not possible. The species in the **Pecan-Hickory** group, here in Missouri, include; *Pecan*, *Bitternut hickory*, and **Water hickory**. The species in the **True-Hickory** group includes; **Shagbark hickory**, **Shellbark hickory**, **Mockernut hickory**, **Pignut hickory**, and **Black hickory**. **Shagbark hickory** is probably the most common and the most likely to be found commercially however, all hickories are lumped together and no attempt is made to identify the species. Shagbark hickory requires careful seasoning to prevent splitting, checking, warping and other defects due to its high degree of shrinkage while drying.

The working properties are excellent, provided tools are sharp. A common problem during planing is tearout if cutting edges are not kept sharp. And it tends to blunt cutting edges. It is hard to nail without splitting and pre-drilling is required for screwing and it finishes well. No finish is used in many applications, such as tool handles, but it will finish satisfactorily with varnish or oil stains. Bending properties are excellent and that is why it is used in Windsor chair building or other furniture making where bent wood is required. When turning hickory, the term “turn downhill” will become readily evident because of hickory’s tendency to chip out and split. Therefore, keeping your tools sharp is vital.

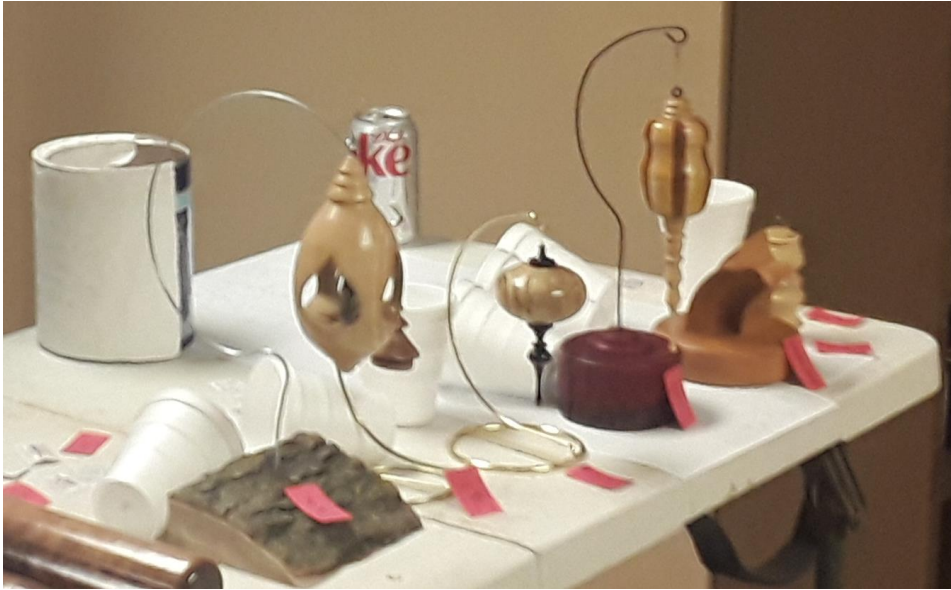
The heartwood is brown to reddish-brown. The very wide and nearly white sapwood is considered more valuable than the heartwood. The texture is rather coarse, and the grain is usually straight but sometimes wavy or irregular.

You can read more about Hickory at; [Hickory on Wikipedia](#) and on [The Wood Database](#).

Written by – Mel Bryan

SHOW AND TELL

December saw a special S&T edition. Christmas ornaments were turned, brought, displayed and voted on for the most original, best of show, and prizes were awarded. As always, there were great turnings displayed, and some not so spectacular. We won't mention whose wasn't found so great, judge for yourself.



The display of all the ornaments is at the left. Several interesting stands were also displayed with some "au naturel" and some very detailed and unique.

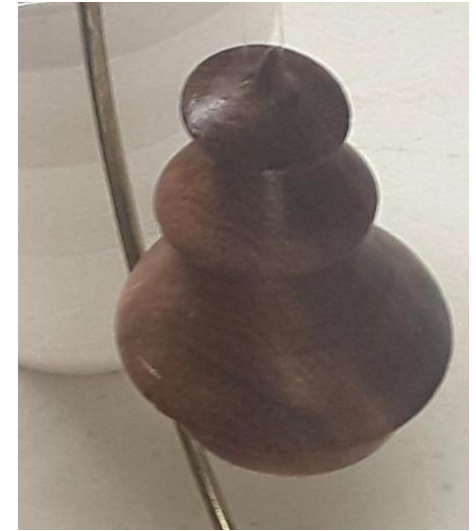


Steve Dougherty made an "inside-out" turning from Ash with an insert that was quite decorative. His ornament won first prize for the most creative in the voting done by those present.

Kent Townsend made a "drunk Christmas Tree" from Walnut. It was sort of an off-center turning and was rather unique in design.



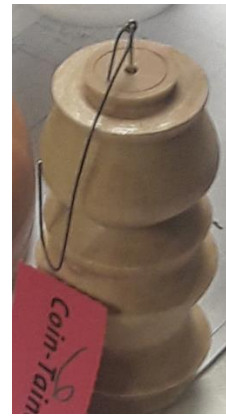
Mikeal Jones had a unique laminated turning. It was made in sections and hollow inside. Best design and a prize winner. The base is Purpleheart with a Wire stand holding the ornament.



Andy Brundage had an ornament from Spalted Maple with African Black Wood top and bottom. A very nice turning that also was a prize winner.



Carl Sievering brought a section of a turning, the end piece looking like an anvil. It was made of Walnut and had been shaped after being sectioned from the turning.




Leland Finley brought a spindle turning made from poplar with a sprayed lacquer finish. The hanger was a fishhook cut off and inserted into a very small hole drilled in the end.

Two attendance prizes were awarded with one going to Andy Brundage and the other, a special donation from Kent Townsend, to Leland Finley.



The Turning Challenge for December was a snowman made from poplar turning squares. The idea was furnished by the **Turn North** Editor, **Leland Finley**. Shown at the far left is the pattern to be duplicated with the first and second place turnings next to it. Contestants had 4 minutes to take a square blank to a finished product. What appeared to be a rather simple turning became a challenge toward the end.

Live Event
AAW Annual Int'l Symposium
Chattanooga, TN
 June 23-26, 2022



**News from the
 American Association of Woodturners**

Live Online Event

**AAW Presents: Mark Sfirri
 Design Approaches for Woodturning**

Saturday, January 22, 2022

3:00 p.m. Eastern Time

Join us online for an intriguing presentation by Mark Sfirri, who will explore woodturning design and offer suggestions to expand the scope of your work and make it more reflective of your own personality and interests. (This is an informative and inspiring presentation and not a demonstration.)

In his own work, Mark uses a wide variety of techniques, including multi-axis turning, carving, and surface design, to create the components he incorporates into furniture, as well as the stand-alone objects he turns.

In this presentation, Mark will discuss the inspirations for his designs and the importance of changing directions, as well as the work and influences of other makers. He'll share stories about collaborations and the lessons he learned from those experiences. Key takeaways from this session include:

- Ability to think more creatively about the objects that you want to make.
- Understand methods to research and educate yourself about design.
- Know ways to use turning for personal expression.

(This is an informative and inspiring presentation and not a woodturning demonstration.)

Click here to
Register



Cost

- \$10 AAW members, \$15 all others
- Preregistration required. Replay will be available to registered attendees only.

Registration Notes

- All experience levels are welcome.
- The presentation is expected to last approximately 120 minutes.
- Registration is open through **Friday, January 21, at noon** Eastern Time. (11:00 am KC Time)

Confirmation/Receipt and Event Link

- After registering, you will receive a receipt/confirmation by email.
- A link to the event will be sent by email approximately 24-hours prior to the event. Day-of registration links will be sent immediately prior to the event.

P.S. From their website The Woodworking Shows have been either cancelled or postponed this year. Not even virtual events will be held at this time.

Thanks to everyone who has helped with our plug orders in the past. We will be asking for help getting other projects to raise funds. All ideas are welcome along with samples.

The CLUB NEWSLETTER tab of the club website is at


<http://www.northlandwoodturners-kc.com/>

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REMINDER:

The annual dues for 2022 **are still**
only \$10.00. Advanced payments are accepted.
Checks can be made payable to
Northland Woodturners.