

Shavings

January 2015

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Hollow Form

by

Alfred Schembri

Providing an environment that fosters the art and craft of woodturning

A publication of the Detroit Area Woodturners

Members

Board Members:

- President: Roger Meeker
- 1st VP:Vince Hellmann
- 2nd VP: Jim Scarsella
- Secretary: Chris Miller
- Treasurer:Chuck Lobaito

Committee Members:

- Asset Manager:Alfred Schembri
- Librarian:Terry Williams
- Member Chair:Steve Rohr
- Mentor Program:Ray Frase
- Newsletter Editor:Craig Drozd
- Photography:Jack Parmenter & Roger Meeker
- Door Prizes:Thomas Kaiser
- Resale Chair:Sam Failla
- Video:Chris Miller
- Web Site:Roger Meeker

Chapter Information

The **Detroit Area Woodturners** (DAW) is a local chapter of the **American Association of Woodturners** (AAW). The AAW is an international, not-for-profit organization dedicated to the advancement of the woodturning craft. Our mission is to provide information, education, a meeting place, and an effective organization or all who are interested in turning wood.



The DAW web site can be found at:
<http://detroitareawoodturners.com>



The AAW web site can be found at:
<http://www.woodturner.org>

Membership

Yearly chapter dues are \$40 per individual or \$50 a family. Membership is for the calendar year. These dues help the club provide tools for our monthly demonstrations, bring in outside demonstrators, have a yearly picnic and other club related activities.

Renewal forms are mailed to current members in November of each year.

New members can obtain a membership form from the website under the CHAPTER INFO tab.

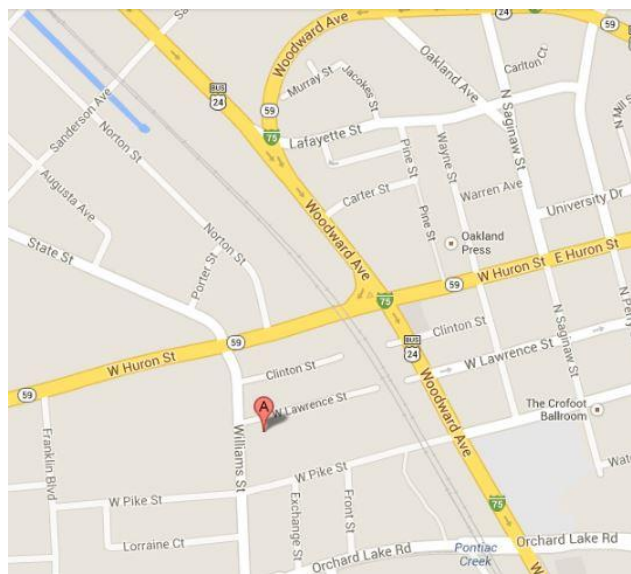
[Member Registration Form](#)

Meeting Location

Our Meetings are on the third Sunday of the month starting at 1:30 pm and ending by 4:00 pm. We meet at the [Pontiac Creative Arts Center](#) located in Pontiac, Michigan, just south of M-59, 2.5 miles west of I-75 and 1 mile east of Telegraph Road.



Our next meeting is Sunday February 22nd 2015.



Address: 47 Williams St, Pontiac, MI 48341
Phone: 248-333-7849

Upcoming Events

DAW participation at The Woodworking Show
February 13th – 15th, 2015 in Novi MI
Pyrography Demonstration

DAW February meeting
Sunday February 22nd, 2015 at 1:30 PM
Pyrography Demonstration

DAW Presents, Rudy Lopez Demonstration
April 2015

Library

The library is available for all current club members. We have many books, magazines and DVDs available to check-out. A list of materials is available on the DAW website.

Library
Please help us maintain the library by returning checked out items promptly.
The library is maintained by Terry Williams. Terry is always willing to take requests for new material.

Presidents Corner



The Detroit Area Woodturners has come a long way since its beginnings. We're now in a new location that better handles our meetings and our member's needs. Last year, our past president and board offered a members survey to help focus the DAW direction. This was very effective and assisted in determining demonstrations held during the meetings.

In 2015, I would appreciate hearing from individual members concerning their likes and dislikes and how we operate. There is no way of pleasing everybody every time, but there are things that we can do which better reflect the wants and needs of our membership. Please feel free to contact me directly or any other committee member/board member you feel comfortable speaking with about DAW issues.

Remember, the mission of the Detroit Area Woodturners is to provide education, information, and organization to those interested in turning wood.

Roger Meeker

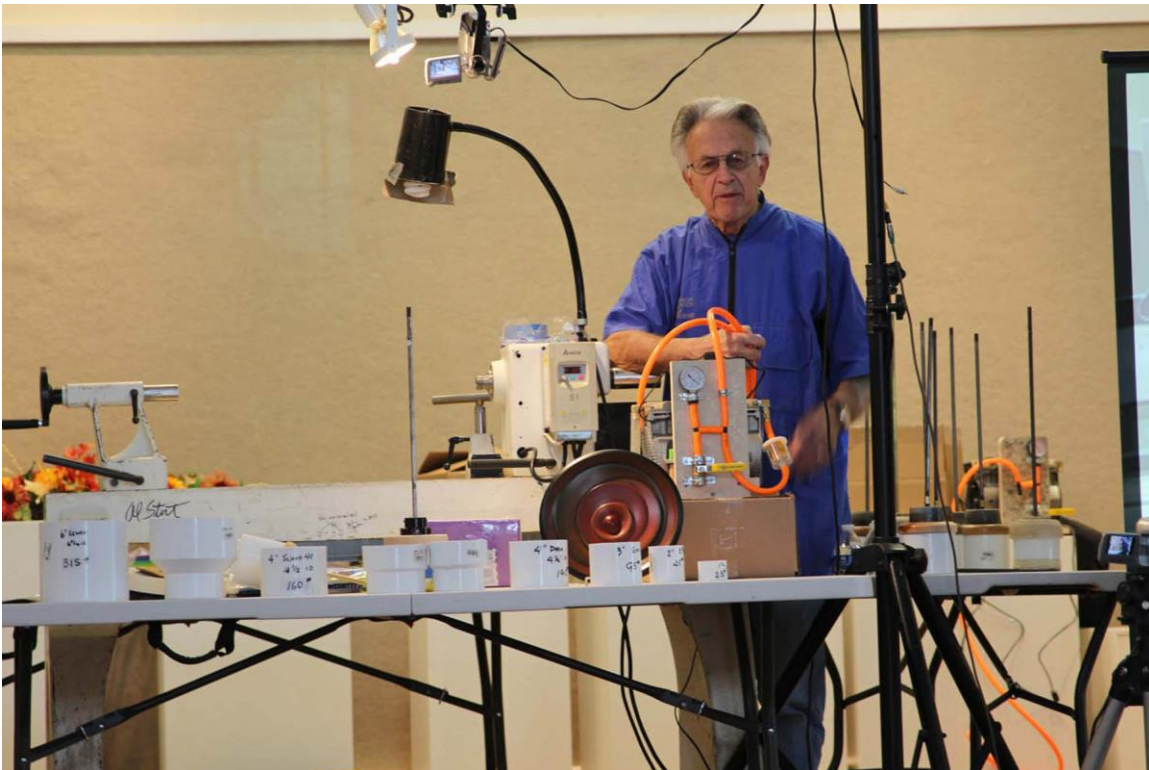
Woodturning Class

The Pontiac Creative Arts Center with the collaboration of the Detroit Area Woodturners Club organized their first woodturning workshop in October 2014. This was a great success. We had 5 students, under the supervision of our club mentor Ray Frase and assisted by Paul Neuberger and Alfred Schembri. During the 6 week classes the students were very active in woodturning various items with the main focus being on safety, identifying the different tools and their use and sharpening. At the end of the workshop, each student went home with at least 2 finished pens, (whether exotic wood or acrylic), various rough turned bowls and a completely finished bowl.

We are looking forward to the next set of classes which will begin on February 17, 2015



Frugal Vacuum Chuck Demonstration



On Saturday January 17th, Bob, the owner of Frugal Vacuum Chuck.com, came into town and demonstrated his product for the club. Bob did a great job of teaching us about vacuum chucking, including many of the lessons he learned over the years. Many in the audience were able to pick up one of his systems at 2014 prices.

A special thanks to club member Jack Parmenter for setting up and coordinating this event.



Sunday January 18, 2015 Meeting Notes



President Roger Meeker conducts the January club meeting

- Roger started his first club meeting as the new president.
- Introduction of several guests and new members
- Roger indicated the past president Phil Stevens was in the hospital but is now home and doing well.
- Also, past president (from 2008 & 2009), Frank Marabate was also in the hospital. If you see him please wish him well.
- Club member Rick Breen has suffered a family tragedy recently. The club extends their thoughts and best wishes to the entire Breen family.
- Roger recapped the Saturday vacuum demo. The club now has its own vacuum chuck system for use at demos. Thanks to Jack Parmenter for setting up and coordinating the entire event.
- Some of the proceeds from the vacuum demo will also be put towards a new club mini lathe.
- Ray Frase will be demonstrating how to cut with the skew today. Then Alfred will demonstrate how to grind a three point tool. We are selling the three point tool kit in the club store.
- Paul Neuburger discussed the upcoming Woodworking show in Novi that the club will be participating in. We need volunteers to man the booth during the show with 4 people per shift. Paul passed around a signup form. If you work the show, you do not have to pay to get into the show but you will have to pay for parking.
- We will be doing a club logo turning smock order again. We will have them in time for the show.
- Next month Matt and Craig will be doing a Pyrography demo at the club meeting.
- We have some new club officers from last month's elections:
 - Vince Hellmann - 1st VP
 - Jim Scarsella - 2nd VP
 - Chris Miller - Secretary
- Returning from last year are:
 - Chuck Lobaito – Treasurer

- Roger Meeker - President (formerly the 1st VP)
- Steve Rohr is the new membership.
- Jim Scarsella talked about the transition of his membership chair duties to Steve and reminded the club members that if you have not paid this year's dues, please remember to do so.
- The club had been working to have Tim Yoder as the guest demonstrator in April. That was not able to happen but the club has arranged for Rudy Lopez to demonstrate on April 25th and have hands-on classes on April 26th & 27th.
- The club has arranged for Betty Scarpino to conduct a club demo on May 16th.
- Roger asked that if you're not receiving club emails please let Roger know and he will verify we have the correct address for you.
- At the next meeting we need all scholarship applications turned in. Scholarships can be applied for class tuition, group travel to events or AAW symposium registration. The application form can be found on the club website under Club Info.
- Roger did the presidents challenge drawing for a \$10 gift certificate.
- Next month's Presidents Challenge will be anything turned with a skew and/or three point tool.
- We have a club discount with Performance tools on non-sale large power tools.
- When you make purchases from Rockler, make sure you indicate you're a DAW member and they will make a check in the DAW list. After a number of purchases from club members they present the club with gift certificates. The club returns these gift certificates to the members through the Presidents Challenge and other club activities.
- Please support businesses that support the club. You can find a list of club sponsors on our website.
- Victor made a 2014 club donation from Landfill Lumber. Not only can you get great product from Landfill Lumber, your purchases help support the club.
- Bill Dwyer from PCAC talked about the center and some upcoming events.

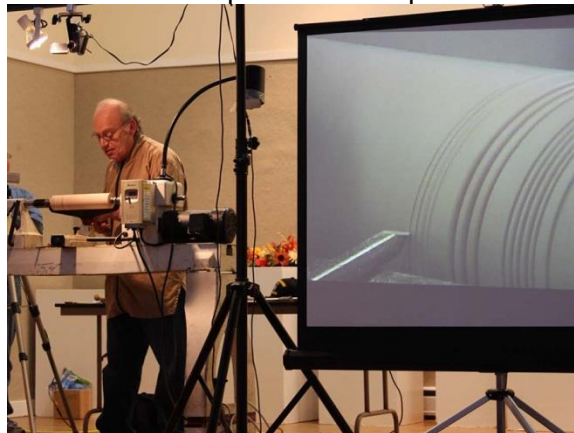
Demonstrations

Ray Frase demonstrated how to use a skew.



You can see the video [here](#).

Alfred Schembri demonstrated how to sharpen the three point tool.



Alfred created a detailed video demonstrating how to grind and use the 3-Point tool. You can see the video [here](#).



Show & Tell



Show & Tell



Show & Tell



Show & Tell



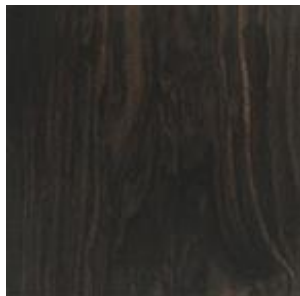
Show & Tell



Faces in the Crowd



Wood of the Month – African Blackwood



Common Name(s): African Blackwood, Mpingo (Swahili)

Scientific Name: *Dalbergia melanoxylon*

Distribution: Dry savanna regions of central and southern Africa

Tree Size: 20-30 ft (6-9 m) tall, 2-3 ft (.6-1.0 m) trunk diameter

Average Dried Weight: 79 lbs/ft³ (1,270 kg/m³)

Specific Gravity (Basic, 12% MC): 1.08, 1.27

Janka Hardness: 3,670 lbf (16,320 N)

Modulus of Rupture: 30,970 lbf/in² (213.6 MPa)

Elastic Modulus: 2,603,000 lbf/in² (17.95 GPa)

Crushing Strength: 10,570 lbf/in² (72.9 MPa)

Shrinkage: Radial: 2.9%, **Tangential:** 4.8%, **Volumetric:** 7.7%, **T/R Ratio:** 1.7

Color/Appearance: 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.

Grain/Texture: African Blackwood has a fine, even texture, with small pores that should not require filling; the grain is typically straight.

Endgrain: Diffuse-porous; medium to large pores in no specific arrangement; solitary and radial multiples of 2-3; dark brown deposits present; growth rings may be distinct due to marginal parenchyma; parenchyma banded (marginal), apotracheal parenchyma diffuse-in-aggregates, paratracheal parenchyma can also be vasicentric, and aliform (winged); narrow rays, spacing normal.

Rot Resistance: Heartwood is rated as very durable in regards to decay resistance, though only moderately resistant to insect attack. The sapwood is commonly attacked by powder-post beetles and other borers.

Workability: Very difficult to work with hand or machine tools, with an extreme blunting effect on cutters. African Blackwood is most often used in turned objects, where it is considered to be among the very finest of all turning woods—capable of holding intricate details, and is reported to hold screw threads nearly as well as metal.

Odor: African Blackwood has a mild—though distinctive—scent while being worked.

Allergies/Toxicity: Although severe reactions are quite uncommon, African Blackwood has been reported as a sensitizer. Usually most common reactions simply include eye, skin, and respiratory irritation. See the articles Wood Allergies and Toxicity and Wood Dust Safety for more information.

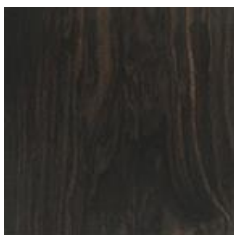
Sustainability: This wood species is not listed in the CITES Appendices, but is reported by the IUCN as being near threatened. Technically it doesn't meet the Red List criteria of a vulnerable or endangered species, but is close to qualifying and/or may qualify in the near future.

Common Uses: Inlays/accent pieces, flooring, furniture, boatbuilding, heavy construction, and a variety of specialty wood items.

Comments: To be considered the original ebony, African Blackwood was imported and used in Ancient Egypt thousands of years ago. Even the name “ebony” has an Egyptian derivation as “hbny”—which has been shown to refer to primarily to *Dalbergia melanoxylon*, rather than the species which are considered to be ebony today: such as those in the *Diospyros* genus. In addition, African Blackwood is technically in the Rosewood genus (*Dalbergia*), and is more stable and resistant to movement and warping than other types of ebony.

Pictures

Sanded



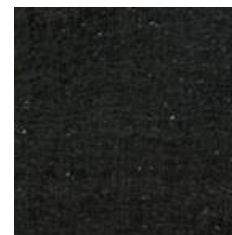
Sealed



End grain



End grain zoom



Benefits of joining the American Association of Woodturners (AAW)

- Six issues of American Woodturner annually
- Automatic participation in periodic drawings for prizes
- Access to all past issues of American Woodturner, viewable online through the website Members Area.
- Access to machine-readable American Woodturner issues for those members who are visually impaired and utilize screen-reading software - contact the webmaster if this applies to you.
- Marketing opportunities on our website for artists, collectors, galleries, and museums.
- Group rates for individual and chapter insurance.
- Savings of up to 50% on AAW merchandise, including project books, DVDs, logo apparel, and more.
- Eligibility to apply for AAW Educational Opportunity Grants.
- AAW Forum and member-only access to articles and resources on our website.
- Eligibility to vote in AAW board elections if a member before the end of August in that year.
- Eligibility to apply for membership in the Professional Outreach Program (POP).
- Access to POP Fellowship grants.
- Exhibit opportunities - AAW members may enter work for the annual juried member exhibit featured at the Symposium, the Gallery of Wood Art in St. Paul, and other venues.
- Annual International AAW Woodturning symposium.
- Demonstration opportunities at AAW symposiums.
- AAW "Resource Directory" that contains a complete listing of contact information for members, local chapters, demonstrators, and other woodturning resources. Updated listings are available to members through the AAW website.
- More than 300 AAW local chapters that offer workshops, camaraderie, opportunities to share ideas and techniques, and access to lending libraries, discounts, and volume purchases.

Russ Holmes wants you for breakfast

There is a breakfast get together every Tuesday Morning at 8:00am, held at the **Avenue Restaurant** on Woodward Ave at 13 Mile Rd.

All are welcome.

Links for Suppliers

★ When ordering from a star supplier, be sure to inform them of your Detroit Area Woodturners membership Discounts may apply – usually 10% or Club Credit)

Hartville Tool

<http://www.hartvilletool.com>

800-345-2396

Woodturning Supplies



Landfill Lumber

<http://landfilllumber.com/>

586-563-0441

Victor Lewandowski -Woodturning Stock



Craft Supply

<http://www.woodturnercatalog.com>

800-551-8876

Woodturning Supplies

Richard Lauwers

810-724-2263

Kiln dried oak and maple

Rubber Chucky Products

<http://rubberchucky.com>

248-877-0828

Woodturning Supplies



Rockler

29918 Woodward Ave, Royal Oak, MI 48073

248-543-5110

DAW Discount only at this location



Packard

<http://www.packardwoodworks.com>

800-683-8876

Woodturning Supplies

Woodcraft

<http://www.woodcraft.com>

800-225-1153

Woodworking and hardware

Klingspor

<http://www.woodworkingshop.com>

800-228-0000

Abrasives and woodturning supplies

The Sanding Glove

<http://www.thesandingglove.com>

800-995-9328

Sanding Supplies

Choice Woods

<http://www.choice-woods.com>

888-895-7779 or 502-637-1190

Log 2 Lumber

<http://log2lumber.com>

248-535-5035

Chuck Lobaito – Portable saw mill

Links for Clubs and Turners

AAW - National Organization

Web Site: <http://www.woodturner.org/>

Michigan Association of Woodturners (Holly, MI)

Web Site: <http://www.michiganwoodturner.org>

Detroit Area Woodturners (Shelby Twp, MI)

Web Site: <http://www.detroitareawoodturners.com/>

Blue Water Area Woodturners (Richmond, MI)

Web Site: <http://www.bluewaterareawoodturners.org>

Grand River Woodturners Guild (Grand Rapids, MI)

Web Site: <http://www.grandriverwoodturners.org>

Ohio Valley Woodturners Guild (Cincinnati, OH)

Web Site: <http://www.ovwg.org>

Arrowmont School of Arts and Crafts

Web Site: <http://www.arrowmont.org/>

Marc Adams School of Woodworking

Web Site: <http://www.marcadams.com/>

John C. Campbell Folk School

Web Site: <http://www.folkschool.org>

Woodcraft of Sterling Heights (586) 268-1919

Web Site: <http://www.woodcraft.com>

Al Stirt: Woodturner, Artist and Teacher

Web Site: <http://www.alstirt.com>

Rockler

Web Site: <http://www.rockler.com>

We Need Your Help

From the Editor

Articles are due at the monthly meeting (for example, submit at or before the February meeting for the February Newsletter) and should be submitted to Craig Drozd at Craig.Drozd@outlook.com.

Member Projects

If you have a woodturning project that you would like to showcase to our club members, you can send me detailed information about your project with pictures.

Articles on New Woodturning Techniques and Tools

If you come across an article, wish to write an article on a new wood turning technique, care to write a review or want to forward on a review of a new wood turning tool, please feel free to do so. Any photos will be helpful.

Shop Talk

Everyone has a different way of doing things in their shop and everyone's shop is different in many ways; whether it's size, location, or physical layout you are probably doing something that would be helpful for others to see.

Members Questions & Answers

Members are asked to submit woodturning, finishing and tool questions to our resident experts to answer. There are no dumb questions; someone else in the club may have had the same questions.

Classified Ads

Ads for woodturning and woodworking related items are free to members. Send detailed information with pictures.

Wood to Turn

Do you have wood, need wood or know about wood that is available for turning? Let me know and I'll pass it along.

From the Editor, Again

Let's make this newsletter something interesting, if you send it, we'll publish it.

Footnote

If possible, please send a digital file (I don't type very well). Thank you!