

Shavings

Volume 1, Issue 3

<http://members.aol.com/detroitareturn/>

November 16, 2003

DETROIT AREA
WOODTURNERS



Thanksgiving Time, Chances for Cans



It's Thanksgiving time and giving some thought to people who don't have resources for a hearty meal, much less a hobby like woodturning, is one way to express your appreciation. Therefore DAW Members that bring a canned good to the November 16th meeting will get a raffle ticket for each item. One canned good = one raffle ticket, two canned goods = two raffle tickets, ad infinitum. DAW will match all donated canned goods. Please give some thought to food items that will make this a nicer season for the recipients.

The canned goods will be consolidated by the leadership and given to a food collection agency in Macomb county.

Of course we can make this more rewarding to contributing members as well by bringing in lots of neat goodies for the raffle.

Bulk Buy Time - November Meeting

Len Kraska will be collecting club member's Woodturner's Catalog orders for a bulk order at the November meeting. So make your selections from the catalogue - available at WWW.woodturnerscatalog.com or 1-800-551-8876. If you don't have a catalog, call any club officer and we'll loan you one. There will also be a catalog available at the meeting. Bring your list and a check made out to the Detroit Area Woodturners, for the total amount of purchase. Don't include shipping..that's your first savings. If the order totals more than \$1000 the club receives a 10% to 20% discount, the larger the order the larger the discount. You will be refunded your share of the discount when you receive your order. Len will submit the order when we meet the minimum.

Orders will be shipped to Len's residence. Len will notify members by phone/e-mail when orders or backorders arrive.

Members will receive their discount when their complete order has arrived. There will be a nominal charge for shipping insurance from each member's discount. Members must pick up their order at a DAW meeting as designated by Len (depending on receipt of the order) or Len's residence. Since Len doesn't have a warehouse for storage, he will be forced to ship orders to your home if you fail to collect your order within a reasonable time. His only means to cover shipping will be from your discount.

October 19th DAW Meeting

Bill Youngblood stood in for Greg Smith . Significant announcements included:

- The November meeting will highlight turning Christmas Ornaments. Contact Greg if interested in participating in the demonstration.
- The January meeting will include elections and dues.
- Of more current interest DAW immediately needs a new treasurer. Gary Hoover is over committed and cannot continue.
- DAW will host a booth at the Novi Woodworkers show on December 12-14. Booth workers are needed to demonstrate turning and answer questions.

Bill also demonstrated use of a boring bar. For those of us who hadn't yet seen this contraption, it was an eye-opener. Bill forewarned about his apprehension about using the scroll chuck with a boring bar - he prefers two-part epoxy to secure the blank to wood mounted on a faceplate. He demonstrated the boring bar, but midway through the chuck let go. There were no injuries because Bill anticipated the possibility and stood to the side of the spinning piece.

The demo was excellent - even if abruptly (but safely) concluded.



Bill Youngblood's Boring Bar



Bill's Bowl from the Boring Bar Demo - It Was Recoverable

Occam's Razor

Of two competing theories or explanations - the simpler one is to be preferred.... William of Occam.

if you get a "catch".....on a gouge or skew, chances are you're not using the bevel.

Next Meeting:

Date: Sunday, December 14, 2003
Shadbush Nature Center, Shelby Twp.

Highlights:

- Christmas Ornament demonstration
- Raffle

'03-'04 Scheduled Meetings

2003	2004
December 14	January 18
	February 15

DAW Logo Apparel

Another reminder - DAW can't place an order without a minimum of 4 or 5 pieces of each item. The set-up for the logo is expensive for just 1 or 2 items. **Order now for Xmas!!!**

Items	Prices
Hats & T-Shirts*	\$13.00
Sweat Shirts*	\$19.00
Golf Shirts*	\$26.00
Jackets	\$53.00
*Add \$2.00 for 2XL and \$3.00 for 3XL	

Unusual Tree Properties

From "Turning Points," West Island woodturners, Nov. 02

Trees have some unusual characteristics which are not widely known.

- Wood that grows on the south side of the tree is more flexible and springy than that which grows on the north side. It tends to be harder and more dense on the north side.
- Basswood is excellent for carving due to its soft grain and its ability to deaden sound and so it is used in musical instruments. Another unusual property of basswood is that after soaking in water it can be compressed to about half of its size. It will go back to its original size on drying.
- Cherry trees produce sweet fruit but the inner bark contains concentrations of strychnine. Strangely enough, it has been used medicinally for sore throats.
- Willow contains salicylic acid (a component of aspirin).
- You might take a branch of willow and place in your glue pot to prevent mold from forming.
- Spruce root is used to flavor root beer.
- Sassafras roots make a delicious tea and has been used as a blood thinner and tonic.

Where, 'O Where, Did the Roving Bowl Go?

If you're wondering about the Roving Bowl. It turned up at the last meeting with a scroll chuck hiccup. Len Kraska volunteered to fix the hiccup and perform one additional operation on the bowl. Who's next?

President's Corner



DAW Attendees at the Ohio Valley Wood Guild Symposium (L to R) Ray Frase, Greg Smith, Ken Riedel and Ruby Cler

As many of you may have noticed, some of us were not at the October meeting. Our alternative woodturning event was the Ohio Valley Wood Guild Symposium. This semi-annual event was held at a camp located just West of Cincinnati. The symposium was a fantastic learning experience; with 5 well know turners holding 2 1/2 hour demos on a variety of topics.

Those in attendance bought their share of tools and wood leaving all their hard earned cash with the vendors. We will discuss the event at the meeting and share some of the things we learned.

Now that fall has arrived and winter close behind, it is a good time to get

started with all those new techniques and concepts that you have been waiting for. The latest issue of the AAW American Woodturner has a great article on making an acorn type Christmas tree ornament. Which brings up the topic for our November meeting. We will have several members demo some easy ornaments that all of the members could make. Bring any ornaments or small gift ideas to share with us and tell us how you made them. We still have time to make lots of gifts and decorations.

Now is the time to join the AAW if you are not members, the benefits are definitely worth the membership fee, and to do so now assures you will be listed in the membership resource book. We will have membership forms at the meeting.

Greg Smith

Silver Soldering

Note: For those of you, like the editor, who can't pass up the opportunity to play with making custom "stuff" (scrapers, jigs, etc.) ...silver soldering is strong enough to fix HSS to other metals for attachment to a handle and use as a tool.

www.soudotec.com/Www.erols.com/jyavins/solder.htm
From "Turning Points," West Island Woodturners, Nov. 02

Silver soldering is exactly comparable to lead soldering with the exception that the temperature to melt silver solder is about 570 degrees C compared to about 250 degrees for lead solder. But the applications for silver soldering are much more vast. Silver soldering can be used to solder ferrous and non ferrous alloys like cold rolled and hot rolled steel, stainless steel, copper, brass, nickel alloys etc. including tungsten carbide. It will not wet or bond to aluminum and its alloys. It offers the advantage of high strength bonding without the use of expensive welding equipment and because its melting temperature is relatively low; it will not affect the hardness characteristics of tool steels or tempered steels used in metal cutting or in wood working. Therefore it is ideal in bonding high speed steels to inexpensive steel in the making of tools, particularly wood turning tools.

Very effective functional and inexpensive tools can be made by silver soldering a small piece of high speed steel used for the cutting edge onto a large inexpensive plain steel rod or square stock which forms the holder or handle. The handle can be preshaped to any desired configuration and then the tool steel soldered. The size or shape of the piece of hard steel for cutting is not important as long as it is large enough to do the job it is intended for. After it is soldered, it is ground to shape as if it was all tool steel. The most trouble free silver solder I have found is the 6020FC alloy with a light pink flux coating. This rod along with the flux is somewhat flexible and can be bent for soldering convenience although sharp bends must be avoided or the flux will break off. It has a tensile strength of 80,000 lbs per sq. in. The flux has the ability to flow towards the heat and so therefore reduces the possibility of oxidation during soldering. The 6020FC should be used to bond and not as a filler, so surfaces to be soldered should be as close fitting as possible to reduce the amount of material used.

SOLDERING PROCEDURE

Prepare the parts to be soldered and make sure that the surfaces are **clean**. Hold the larger part in a vise and orient it so that the smaller piece can be rested on it. Orient the small piece to suit. Using an appropriate torch (propane, acetylene etc.) begin by heating the large piece slightly away from the small piece. When the large piece starts to show a slight sign of color change heat the tip of the silver solder rod to produce a droplet of flux, move the heat closer to the small piece and introduce the flux at the joint. Remember that the flux travels towards the heat so observe the flux movement. Add more flux at the joint and move the flame quickly back and forth across the small piece. Make sure that the flux wets completely all around the joint. Once the two parts are wetted, then continue heating the larger piece close to the small piece so that most of the heat is absorbed by the larger mass and the heat to the small piece is transmitted by the flux. Examine the joint. The solder should be smooth all around and in sharp corners it should have formed a fillet.

Note: The following came from additional sites -

- Use precautions:- work on fire bricks, have good ventilation, have a fire extinguisher ready, remember things are gonna be HOT! So don't touch, and have a plan on what to do with the torch if you must stop quickly.
- Propane is suitable, but Map gas is easier because it burns at a higher temperture (but costs about three times as much).
- Silver solder isn't a filler; pieces being joined must have good contact.
- Silver solder can be purchased with a flux coating. There are also ready-to-use fluxes and fluxes that require mixing.
- Another source says heat pieces to a "dark cherry red" - so if the procedure above isn't as successful as you'd like, go for more heat.
- Used lathe tools are available at used tool stores (Mt. O Tools or ReTool) for ~\$10 for use as base metal/handles.
- Have everything cleaned, prepositioned, and mentally walk through the process before lighting the torch.

Reminder - DAW Club Library -

The Librarian was indisposed for the October meeting. So, if you had book/videos checked out that need to be returned, don't forget to bring them for the November meeting.

Woodturning on DIY Cable Channel

David Fischer reports the DIY (do it yourself) cable channel has a series on Woodturning basics. The instructor is Dave Hout. The weekly TV schedule is at http://www1.diy.net.com/diy/shows_dwtn/. The 5 part series will run multiple days and times in Nov/Dec. The 5 topics are: Rolling Pin, Maple Box, Bowl, and a Hollow Vessel Goblet with a captive ring

**Kenn Osborne's
Olivewood candle-
holder shown at
the October DAW
meeting.**



Safety Sam Asks: What is Tetanus?

Tetanus is a condition that affects the nervous system and causes extremely painful and uncontrolled muscle spasms. Early symptoms are headaches and jaw muscle pain that progresses into the inability to swallow. It ultimately attacks more muscle groups in the neck, legs, and stomach - sometimes causing severe convulsions.

Tetanus incubation is generally two days to one month. Usually the shorter the incubation (introduction into the system until symptoms show), the more severe the attack will be. Approximately 11% of people who contract tetanus in the United States die from it.

Tetanus spores are found in soil, dust, and animal waste. Spores enter the nervous system through skin punctures, generally through knife or nail wounds. But even tiny scratches or slivers can be an avenue.

You might ask "So what?" As woodworkers, we're at high risk. We get wood from who knows where. A common carrier is old barn siding or beams where animals have lived or been kept.

There are only about 50 to 100 cases per year in the U.S. but they are mostly in **under-immunized older adults**. To insure yourself against this potential killer, get vaccinated at your family doctor's office or the county board of health. **You need a booster every ten years.**

Of course, you can always take a chance on spending several weeks in a hospital intensive care unit. The choice is yours. Personally. . . I'll take the booster.

Bill Youngblood

Tips & Tricks

- To stain a bowl black, fill with steel wool and vinegar. As the vinegar seeps out each day, refill the bowl until the desired color is attained, then wash with clean water.
- Prolong the life of tape (scotch, masking, duct, two sided) by enclosing in zip lock bags

Do You Have Turning Questions?

Send them to the editor's e-mail and we'll see about getting them answered from the vast DAW knowledge pool and the answers published in this newsletter. 'No guarantees, but we'll do our best. I'll use a few each month as fillers.

Tips & Tricks

Clean oil paint from brushes with Murphy's oil soap. If paint has caked and hardened, soak for several days.

Green Wood - It's Free

(Continued)

Rough turning green wood is a series of challenges, mixed with a lot of fun. Initially, you're dealing with some imbalance and a rough surface. I mount it on a faceplate for roughing, then turn a tennon or mortise for a scroll chuck. If you need a flat surface for the faceplate mount, a Safety Plane in the drill press is a good mechanism. The irregular wood can be secured to a flat base board with several long screws into waste area. It can then be safely slid back and forth on the drill press table, under the revolving Safety Plane, to create the flat surface.

Use big screws to secure a large piece of wood to the faceplate, anything from #10 sheet metal screws to small lag bolts.

For roughing, a huge roughing gouge is appropriate to get plenty of leverage. You'll knock off the high spots quickly and can use lighter tools sooner than you'd think. Because the rough extremes come down so rapidly, you'll need to frequently advance the tool rest closer to the blank. If your lathe jumps around too much, you can relocate the faceplate. Just watch to see how gravity pulls the weight to the bottom when the lathe is off. Then shift the faceplate a little at a time in that direction to better distribute the weight. You may have to trim it for a serious imbalance; especially if relocating the faceplate causes interference with the lathe.



3232 Essex
Troy, MI 48084

Stamp



Happy Thanksgiving





Bill Youngblood's Boring Bar Demonstration set- up.



Projects displayed at the October Meeting



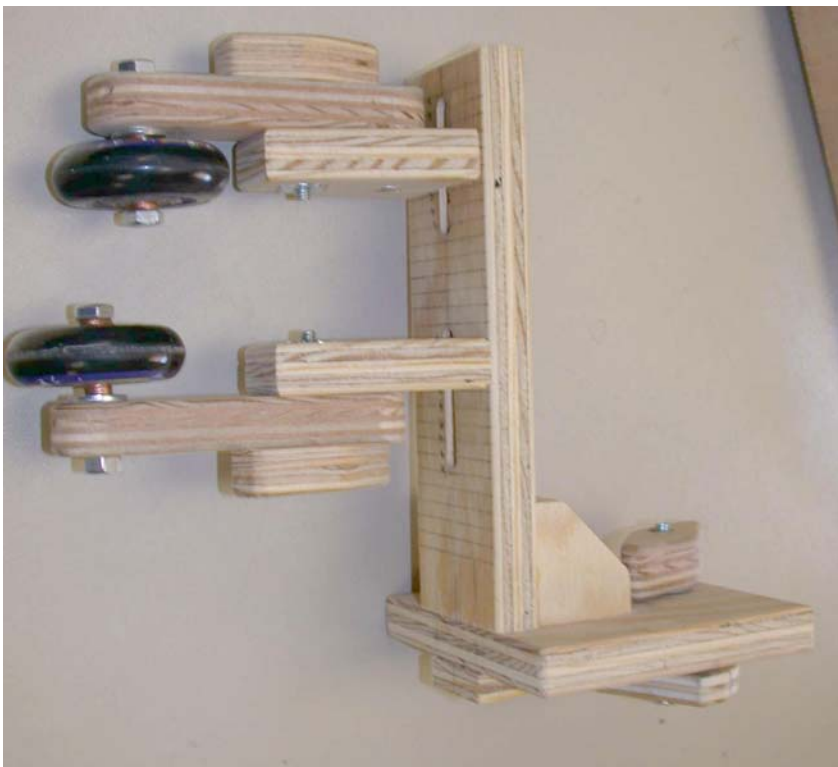
All work on this page was done by Dennis Motville. Dennis provided a good explanation of how the piercing (above) is done with a pneumatic driver and dental bits. Very time consuming, but obviously well worth the time and effort.



Projects displayed at the October Meeting



Another of Bill Youngblood's beautiful segmented



**Chet Bisno's
bowl steady jig
for use with a
jamb chuck.**