Big Winners!
2008 holiday decoration challenge winners

Ornament challenge results:
1ST Prize Bob Boettcher
2ND Prize Duane Heng
3RD Prize Wade Wendorf
See page 10 for close up photos.
President’s Corner

This is my first article as the 2009 – 2010 president of the Minnesota Woodturners Association. I am pleased to take on the position and offer you all I can in terms of enthusiasm, time and attention. As I shared with you at the last meeting, this is all about fun and being with a group of folks that share a terrific, now what is it? Is it a hobby, an avocation, sport, craft or whatever? We changed the format of last month’s meeting, moving the “show –n- tell” to the spot just before the demonstrator. It seemed to be well received. The intent was to have specific time to show what we have and what we do in our shops, and show our terrific level of interest and that we really use our creative skills for pleasure.

We have a full agenda of meetings set up for this year, and we are actually beginning to plan for next year. We need your input. Please stop any Board member to either tell us what and whom you’d like to see in the way of demonstrations. Please volunteer to be a presenter. Show us what you like to do. We all learn from it.

Also, do you have a shop in which we can hold hands-on sessions? We’d like to know that. We’re roughing out a schedule for publication and sign up. We also need teachers. We have sort of a list, but would like to have it complete. Part of the success of hands-on sessions is bringing a lot of people into the mix.

As with any volunteer organization we do not want to be burdensome to our members. If we spread the work out among many, then the work stays fun. We need people and I am asking you to consider how you can share your time with us. These are some of the things with which we need help.

* We need someone to handle the wood raffle at meetings.
* We need someone to take pictures and write up an article for the newsletter.
* We need someone to help the Board coordinate outreach. Examples are getting the scoop on the

(Continued on page 3)
woodworking shows that come to town, or figure out whether we’re going to demonstrate at different craft fairs.

* We need someone to assist the Board developing programs for next year.
* We also need someone to assist the Board with the coordination of our professional demonstrators for 2010.

We are pleased that several members have stepped up and taken on significant jobs within the club. Ric Canepa has agreed to be our tool master. Bob Meyers is our new librarian and Ken Johnson will be working with Bruce Arones doing our Craft Supplies order. Thanks to all of you.

We try to keep all of our information in a variety of places. The newsletter, website forum and email blasts are all part of that. If you don’t see something in one place, it’s probably in another. You can always call or email. If you have an idea, please share, if you have time to give, we need it and if you have a question, please ask. All we want to do is do our best, and of course, have fun.

---

**Member Helpline??**

Do you have a woodturning question? Need help finding woodturning advice? Well, these members can help you!

Bob Jensen [Fridley] 763-572-0525
1woodworker@earthlink.net

Jim Jacobs [Hastings] 651-437-2302
woodmanmn@aol.com

Jim Zangl [St Paul] 651-645-4696
james.zangl@gmail.com

Bruce Arones [Marine On St. Croix] 651-433-5364
barones@frontiernet.net

Ron Meilahn [Andover] 763-862-2100
ronmeilahn@usfamily.net

Wade Wendorf [Anoka] 763-232-1684
wwendorf@abadus.com

Jack Frost [Maplewood] 651-777-8019
DrWoodturner@msn.com

Duane Gemelke [Brooklyn Park] 763-226-8108
dgemelke@comcast.net
I developed my interest in what you could do with wood very early. At five years old, my grandmother, who lived with us, introduced me to hammering and sawing wood. She took me to building sites where we were given wood scraps, and on one occasion I was introduced to the novelty of a sardine sandwich by one of the carpenters. By nine or ten I had a work bench in our dirt-floored single garage. My prized possession was a plane my uncle gave me. I acquired a Taylor jig saw (never seen another since!) on which both arms moved, powered by a 1/32 hp. motor. I took the usual woodworking courses in Jr. High and High School, but no woodturning. When I was seventeen, I worked as a carpenter’s helper, followed by working on a framing crew in residential building well into my mid 30’s, as a way of paying for my education. In high school I made a walnut clock with a scroll throat and a hinged box at the bottom. At the end of one summer I remodeled my parents’ kitchen and poured a 150 foot ribbon drive, using a borrowed 1/32nd yard concrete mixer, but still no woodturning! But I did take my power tools with me as I moved all over the country.

In the meantime I studied to be a civil engineer, but turned out to be a clinical psychologist and therapist. I have enjoyed an interesting, if not stressful, time teaching, and providing therapy in several mental health centers, working in Chicago with spinal cord injured and brain-compromised patients, providing family and individual therapy, and doing neuropsychological assessments. I have been granted a fascinating career, but still no woodturning.

But fast forward to almost retirement time, when my wife and I moved into a town home which happened to have a three stall garage. I could finally have room to set up my shop. During the previous several years I had the experience of seeing various demonstrations of woodturning in North Carolina where we spend time some summers. A friend of ours who visited us there wanted to go to the Museum of Craft and Design in Charlotte where acquaintances of hers had donated their collection of woodturnings. Both of these experiences reinforced my desire to venture into woodturning. Then, one day after a church service Bob Jones happened to mention that he was a woodturner and told me about the Minnesota Woodturners Association. I have been a member through the years of a number of organizations and I can clearly say that the members of MWA have the greatest expertise and have been the most generous and helpful of any group I have been affiliated with. I am amazed at the skills represented here, and I continue to be grateful for all the assistance that has been given to me as I learn the art of woodturning!

This group is one of the most talented groups I have ever been a member of. Many of you very experienced woodturners have been exceedingly helpful, and in that way it has been the most giving group I have been affiliated with.
Found Treasures

by Duane Gemelke

As we were preparing my mother’s house for sale, we came across an old wooden bowl. The bowl seems to have had no particular significance in our home, as my mother, brother, sister and I have no recollection of how it was obtained, but as a woodturner, it had special interest to me.

It has a consistent wall thickness of 3/8 inch and has shrunk, over the years, to an oval shape of 9 1/8 inch and 8 1/8 inch large and small diameters, which means that it must have been turned from wet or green wood. It stands about 2 inches high and sits on three small feet, which appear to be glued in place. There is no coloring or decoration on the surface except that the sides of the feet are stained, resulting in a darker color than the rest of the piece. The finish has deteriorated over the years, and shows signs of use. There is no cracking of the piece. On the bottom, there is a burned brand saying “Munising”.

Some investigation on-line, found a web site with an address of www.algercounty.com woodenware. The site gives some history of the Munising Woodenware Company factory located in Munising, Michigan. I cannot assure the accuracy of the information there, and as included below, but it may give us some insight to the process of production bowl turning.

The factory operated from 1911 to 1955 and produced bowls, butter molds, spoons, rolling pins, butter ladles, sauerkraut forks, trays, clothespins, lumber, veneer, and other products. During World War II, it supplied fifty million tent pegs to the US Army. At its peak, it employed 300 people, and in 1912 had acquired one million feet of Birch, Beech, and Maple logs and stored 500,000 feet of logs on company grounds.

The bowl in my possession appears to be Birch. Several labels or brands were used over the years and the brand on my bowl indicates that it was likely produced in the mid to late 1930s.

Logs were stored on-site and, prior to machining, were dumped into a hot pond to soak for an hour or two to clean off the dirt. The pond was about 25 feet wide by 100 ft long by 6 feet deep, and was filled with water heated by steam pipes imbedded in the floor and sides.

All of the woodworking machinery was belt-powered by a line shaft. The bowl lathes were operated by two men. The back-man lifted the blank and fixed it to the turning screw. The front-man operated a system of curved blades that parted off the largest bowl first and then parted off progressively smaller bowls. The back-man sliced off wood to create a flat bottom. The back-man caught the bowls as they were severed by the front-man. A bowl shed contained a loft for storing the bowls as they dried. The site does not mention how the bowls were dried but the list of employees list one person whose job was steaming bowls.

When we turn bowls, we spend a considerable time sanding and finishing and this was apparently also the case at Munising. The employee list contains job listings for two bowl turners, five bowl sanders, and eleven bowl painters. Sanding was done with belt sanders and disk sanders. The site is not clear on when the sanding was done, but it seems to indicate that the bowls were first sanded and then dried.

On examination of my bowl, sanding marks are evident. The marks on the inside of the bowl are all in one direction, across the bowl, indicating that it was likely done with a disk sander. Sanding marks on the outside go around the outside of the bowl in one direction, indicating that it was likely done with a belt sander. The sanding marks are probably no finer than 150-grit.

The web site is an interesting look at the workings of a production woodenware factory and includes a link to other associated sites, including the current Munising Wood Products Company web site, where a current phone number and photo of their retail location is shown.
Johannes Michelsen
Professional Demo
11-22-08 by Duane Gemelke
Photos by Jim Zangl

We were treated to another excellent demo, this time by Johannes Michelsen, the Hat Man. Whether you intend to make a hat, or not, there were some very good techniques presented here for everyone to pick up. Johannes has made in excess of 2,000 hats with about 450 of those made at demos such as this. A lottery was held to determine who would receive the hat made at this demo, and the lucky winner was Mike Hunter.

The tools used by Johannes consist of bowl gouges, a deep parting tool and a ring tool or cup tool. The bowl gouges are made of A11 steel as supplied by Doug Thompson, with aluminum handles filled with lead shot and covered with three lobed rubber sleeves. The lead shot reduces the vibration and the sleeves provide a secure grip on the handle. Johannes grinds these by hand with a long side-grind and a convex grind profile with a short bevel at the tip and wings. The short bevel provides for a more precise control of the direction of the cut, and the convex (rounded) grind behind the bevel, prevents the heel of the tool from marring the surface of the wood behind the cut. The deep parting tool has an adjustable length lance with a diamond shaped carbide cup fixed to the end. The tool has a pistol grip to control the twist, and the end of the handle fits under the armpit for one-handed control of the tool. The tool makes an interesting v-shaped shaving due to the diamond-shape of the cutter.

For a western style hat that he calls “Rangerider”, he starts with a face grain oriented wet-wood blank approx. 16 inches in diameter on one side, tapering to a 8-inch diameter on the other side, and is 7 ½ inches high. The blank weighs about 50 lbs. If he starts with a 16-inch diameter log, he orients the blank with the 16-inch diameter side toward the pith. He prefers to have logs large enough to have the 16-inch diameter side oriented toward the bark, because the sapwood there bends easier than does the heartwood. That 16-inch diameter side will become the brim of the hat and needs to be bent more than the rest of the piece. He avoids using softer woods such as pine or butternut. For this demo, he had both a cherry blank and a soft maple blank.

The work is started with a 6-inch diameter faceplate screwed to the 8-inch diameter side of the blank (top of the hat) with screws 1 inch to 1 ¼ inch long, and he roughs out the piece with a ¾ inch or 1 inch bowl gouge. The brim side of the blank is flattened and the outside one third edge of the brim area is turned up to an up-curve of ¼ to 3/8 inch.

A recess is placed on the brim side of the blank to fit a Oneway Stronghold chuck in expansion mode. The piece is reversed onto the chuck with the faceplate still attached and steadied by the tailstock, and the outside of the hat is turned. Johannes uses a ½ inch bowl gouge for the major part of the turning and saves his still-sharp 3/8 inch gouge for the finish cuts. He likes sharp tools and even though he is using very tough A11 steel, he re-sharpens the tools perhaps a half dozen times in the making of a single hat. He uses both push cuts and pull cuts, and will often finish with a shear-scraping cut, using the...
swept back wing on the bowl gouge. He likes to turn about 750 rpm on a large heavy lathe.

The sizing of the hat is an interesting procedure. If he is making a hat to fit a particular owner, in this case Mike, he will use a flexible ruler and bends the ruler to fit the head, and then traces the shape onto paper. He is looking for the side-to-side dimension and front-to-back dimension. Those are averaged to determine the inside diameter of the hat. He then allows for two wall thicknesses of the hat band (3/16 inch), and allows for shrinkage (in this case 5/16 inch) finding the outside diameter of the crown of the hat near the brim. The amount of shrinkage is varied depending on the wood being used. A good source of information on wood properties is the book “Understanding Wood” by Bruce Hoadley.

The crown of the hat is shaped to an even ogee shape ending with a shy 6-inch diameter about ½ inch from the face plate. A hat band is turned into the piece and colored by burnishing the hatband with pieces of rosewood, and ebony. The top of the brim is shaped upward by about 5/8 inch at the outer edge with a gentle sweep. He uses a light, pointed at the floor and level with the tool rest to cast a shadow onto the brim to see and adjust the shape of the curve.

At this point, the outside of the hat is to shape, and the blank is removed from the chuck and re-mounted using the faceplate which is still attached to the top of the hat. This allows the bottom and inside of the hat to be turned to a consistent 3/64 inch thickness, with a little more thickness at the hat band. To gauge the thickness and guide the cuts, Johannes uses a strong light to shine through the wood, and cuts to a thickness where the wood is translucent. He understands that light shines through end grain easier than through side grain and adjusts accordingly. Speed is of the essence here, because the wood is drying continually and is starting to shrink. Additional wetting of the wood may be necessary if the cutting is too slow, to prevent it from breaking during the turning. The inside top of the hat is turned using a ring tool or cup tool because the grind on the bowl gouge is not blunt enough to control the depth of the cut. Johannes puts his signature mark there. The piece is sanded on the lathe to 220-grit provided that the wood is dry enough to avoid loading the sandpaper. Johannes likes to power-sand with a close-quarters drill and a 5-inch power sanding pad with a soft edge.

To finish the outside top of the hat, the piece is friction-fit over a step-tapered cone mounted in the headstock which has a neoprene rubber padded surface. The cone is fitted with a light bulb fastened on a lamp tube and supported on a bearing through the headstock. The wiring for the bulb is through the lamp tube and powers a light from within the hat. The faceplate is removed and the top of the hat is turned and sanded with a small indentation made to avoid the screw holes from the faceplate screws. This shape was earlier turned on the inside of the hat. The hat is turned to that same glow through the translucent wood at the top of the hat. The thickness can be checked by gently pressing the
top of the hat to get an “oil can” type of movement.

The hat is now fully turned, and is somewhat wet and pliable. The front and rear of the brim is reinforced with stretched clear strapping tape to deter cracking and tearing of the brim along the end grain in the drying and bending process. The hat is placed in a bending jig, with the wood grain oriented front to back. The jig is adjusted to press on the sides of the hat and causes the brim to rise slightly at the sides and to dip at the front and rear. The jig is tightened until there is a 5/8 inch difference between the side-to-side dimension and the front-to-back dimension. Rubber bands are then placed over the brim to assist in bending the sides of the brim upward. Both of these forces assist the natural tendencies of the wood to warp to the desired shape. The hat is left in the bender overnight, at which point the hat is further formed with additional clamps and held for another day. The total weight of the hat will dry to approximately 5 oz. from what started as a 50-lb blank. The hat is then sanded by hand to 500-grit and finished with Minwax wipe-on polyurethane. There are pads in various thicknesses that are placed in the front of the hat that allow for an adjustable and comfortable fit. Several of the tools mentioned here are available by email to Johannes at joh@woodhat.com or by phone at 802-362-3481.

I would like to thank Dan Rominski and the entire MWA Board and those assisting, for providing an excellent opportunity to spend the day with a true master.
Professional Demonstrators schedule 2009

This year, the Board has decided to schedule one professional demonstrator per quarter. As we have done in the past, small group sessions will be held on the Friday and Sunday, except for Lyle’s 2 day session as noted below.

Mike Stafford, March 27 – 29, 2009. wwweturnedwoodboxesbymike.com Mike is a known box maker, who specializes in small keepsake boxes from exotic woods. He has recently published a book titled "The Fine Art of Containment." This year Mike is scheduled to teach at the John C. Campbell Folk School and is to be a featured demonstrator at the North Carolina Symposium this fall.

Lyle Jamieson, April 25 – 27, 2009. wwwlylejamiesoncom Lyle is a noted turner who needs very little introduction. His class is designed to teach you the basics of bowl turning and how to put all the pieces of the puzzle together. To mix up the small group sessions … the one small group session will be a two day session on 4/26 and 4/27/09.

Betty Scarpino, September 11 – 13, 2009. wwwbettyscarpino.com Betty is another turner who needs very little introduction. She is also the editor of our own AAW magazine. More details will follow as it gets closer to September, but be sure to mark your calendars for these dates.

Mike Jackofsky, November 6 – 8, 2009. wwwmikejackofskycom Mike is a West Coast turner who teaches at many of the Craft Supplies classes in Provo, UT. In 2007, he was a featured demonstrator at the AAW Symposium in Portland. Mike specializes in large, thin walled vessels.

MWA's next Craft Supplies order due Friday, February 27, 2009

Our next Craft Supplies order should be sent directly to Bruce Arones, no later than Friday, February 27th.

Use only the 2008-09 Fall/Winter CATALOG. You can order your own catalog by calling Craft Supplies directly at 1-800-551-8876, or, go directly to their website wwwwoodturnerscatalogcom for their online catalog which has the identical info [note: the next catalog won't be published until late Spring 09].

Please don't order from older catalogs, because of conflicting problems with changes in price, page numbers and item part-number references.

To qualify for a discount and free shipping, our club order must total a minimum of $1000 and be shipped to one address. As in the past, we consolidate all the individual orders and submit to CS, who will advise us of the net cost. After the bulk order is received and separated, each member will be notified of their net cost and payment can be made at that time, or when the order is picked up by members.

For each item ordered, you must include: page #, quantity, item #, description, and unit price. This will help ensure accuracy and reduce processing time.

If you are holding any CS gift certificates to apply against your order, please submit the cert.# and $ amount with your order, not after your order has been processed. CS is giving a flat 13% discount on most items, except lathes and items requiring extra freight; also, some items may be back-ordered or cancelled, but these situations cannot be anticipated in advance.

For each item ordered, you must include: page #, quantity, item #, description, and unit price. This will help ensure accuracy and reduce processing time.

Send your orders via e-mail or surface mail as follows:

E-MAIL: barones@frontiernet.net

SURFACE MAIL: Bruce Arones 16393 Morgan Ave. N. Marine on St. Croix, MN 55047

Any questions, call Bruce at 651-433-5364.
Ornament Challenge
Close-ups

Upper right:
1st Prize Bob Boettcher’s globe

Above:
2nd Prize Duane Heng’s carved Santa rolling pin

Right:
3rd Prize Wade Wendorf’s tree with Rose Engine detailing
“How do YOU do it?”

“Topic of the Month” for April 2009:

- **What is your favorite hollowing tool/system?**

Send your pictures and tips before March 20th to: Jeff Luedloff, jlued@q.com or mail to Jeff Luedloff, 1177 clover court, Shakopee, MN 55379, and look for the tips in April!

“Topic of the Month” for February 2009:

- **How do you prep a crotch blank?**

Due to lack of membership input there is no tips for this issue. Without membership input this article and this newsletter will be greatly reduced and possibly eliminated!

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**MWA Wood Sealer Program**

The MWA is currently buying sealer in 55 gallon drums, enabling us to sell to our members at a fantastic price of only $10 per gallon. Our club could use a few clean, sturdy, empty gallon jugs, such as windshield washer fluid jugs for bottling; bring some to our monthly meetings. This super bargain sealer is available at our monthly meetings, or contact the following for other special arrangements:

- **Larry McPeck**, Sealer Coordinator-Blaine
  763-717-7282,
  email: [SpecialOut@aol.com](mailto:SpecialOut@aol.com)

- **Bob Jensen** – Fridley
  763-572-0525,
  email: [1woodworker@earthlink.net](mailto:1woodworker@earthlink.net)

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**New Members**

Please welcome our newest members:

- **Andy Sawyer**
  Chanhassen

- **Richard Haskett**
  Mahtomedi

- **Dwaine Haagenstad**
  Oakdale

- **Jim Copeland**
  Apple Valley

- **Bob Waibel**
  Mpls

- **Bob Puetz**
  East Bethel

- **Paul White**
  Litchfield

- **Tony Wolyniec**
  Brooklyn Park

- **Chris Steele**
  St Paul

- **Karl Kulp Jr.**
  Brooklyn Park

- **Tom Peter**
  Bloomington

- **Lee Tourtelotte**
  Mpls
Calendar of Events

February 2009

February 3, 2009

**Membership Meeting**
Introduction to The American Woodworker Magazine Shop.
Meet the editors.
See where magazine projects are made.
See state of the art power tools.
Meet assistant editor Tom Caspar, the original “Tool Nut.”

**Demonstration Topic:**
Spindle turning tool handles: - Tim Heil

**Location:**
American Woodworker
1285 Corporate Center Drive Suite 180
Eagan, MN 55121

**Time:**
Tuesday Doors open at 6:00 PM
The meeting will run from 6:30 to 9:00 PM
Members need to bring chairs.
Bring wood for the raffle.
Library will be available.

February 27, 2009

**Craft Supplies orders Due!**

March 2009

March 3, 2009

**Topic:**
Demo by MWA member Joe Cornell. Joe Cornell will be demonstrating how to make his string pull top. The primary design goal was that it be spun by pulling a string. Secondary goals were 1) all natural materials and 2) safe for children under 3 years old and 3) not require a great deal of coordination or practice to make it spin.

He is going to give a little background on how he came up with this design, show the tools and materials used and then talk his way through making one. He plans to hand out a one page diagram with bill of materials and tools listed.

We will also have the usual Social Hour, Wood Raffle, Library, and Show and Tell.

*Reminder - Membership meetings officially start at 7:00 pm. Space will be open at 6:30 for setup and socializing.*

(Continued on page 13)
Industrial Electric Company
660 Taft Street NE
Minneapolis, MN 55413
Time: Tuesday 6:30 - 9:00 PM

March 28, 2009
Professional Demonstration - Michael Stafford
Topic: Lidded Boxes
Location:TBD

April 2009
April 7, 2009
Membership Meeting
Topic: TBD
Location:TBD

April 25, 2009
Professional Demonstration - Lyle Jamieson
Topic: TBD
Location:TBD

May 5, 2009
Membership Meeting
Topic: Airbrush Techniques - John Haug
Location:TBD

June 2, 2009
Membership Meeting
Topic: Carving on turnings - Jim Sannerud
Location:TBD

Directions to:
Gary Novak’s
Industrial Electric Co.
660 Taft St. Mpls.
1/2 block south on Taft
off Broadway St.

Watch for MWA signs.
### MWA Treasurer’s Report

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<th>2007 Actual</th>
<th>2008 Budget</th>
<th>2008 12 Month Actual</th>
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Cash balance 12/31/08 $4,790

### TREASURER’S REPORT HIGHLIGHTS

The club has absorbed losses for a number of the professional demonstrators. The carryover amount from 2007 and unspent money in other budget areas covered the losses. For 2009 only 4 professional demonstrations are scheduled. The large cash balance is due to members paying for 2009 dues in 2008.

Recent income include the holiday raffle (+$531), and for the entire year our wood raffle netted (+$695) and DVD rentals netted (+$505). Recent expenses include new DVDs (-$517) for our library; wood sealer (-$325), and our holiday party (-$234). We still mail 30 hardcopies of our newsletter to members. Those costs totaled (-$331) for year end 2008.

Pam Johnson, Treasurer

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### Monthly Wood raffle

The wood raffle is a great tradition for our club. It acts as a fund raiser plus it allows all of us to experience a variety of woods. When you select wood to bring for the raffle bring only the best. If it is cracked, or “punky” put it in the fireplace. Bring the best wood you have and you can expect to get the best wood in return.

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### Email Alert !!!!

Our current MWA 'Email Blast' list shows approx. 27 members that do not have a valid email address on our club files and therefore, they are not receiving our numerous 'Blast' messages each month.

If you have an email address, but are not receiving our 'Blasts' please contact me so we can update our database. It may be that you currently do not have internet and email capabilities; if that changes and you want to be included please contact me.

thanks,
Ron Meilahn
Ph: 763-862-2100, Email: ronmeilahn@usfamily.net
Classifieds

MORE WOODTURNING

The magazine for turners.
Published 10 times a year by
Fred Holder.
One year: $32.00
Two years: $55.00
Three years $75.00 or
$25.00 a year for
More Woodturning online at:
www.morewoodturning.net.
Lots of great information for your
browsing pleasure plus free sample copy.
More Woodturning
PO Box 2168
Snohomish WA 98291-2168
Phone: 360-668-0976
email: fred@morewoodturning.net

SUPPLIER DISCOUNTS to MWA MEMBERS

The following suppliers offer special discounts to MWA members. To receive a discount you must be a member in good standing, and show your current membership card to the merchant.

ABRASIVE RESOURCE
900 Lund Blvd #400, Anoka, MN
763-586-9595 or 1-800-814-7358
No showroom - Internet or catalog orders only.
Sandpaper, coated abrasives, rolls, clearance items - 20% discount
www.abrasiveresource.com

ROCKLER WOODWORKING
Mpls, 3025 Lyndale Ave S 612-822-3338
Burnsville, 2020 W Cty Rd 42, 952-892-7999
Maplewood, 1935 Beam Ave
651-773-5285
Minnetonka, 12995 Ridgedale Dr 952-542-0111
10% discount on all regularly priced items, except power tools.
Wholesale lumber prices to MWA members.
www.rockler.com

WOODCRAFT
9125 Lyndale Ave S, Bloomington
952-884-3634
10% discount on all items, except power tools.
www.woodcraft.com

YOUNGBLOOD LUMBER CO.
1335 Central AVE, MPLS.
612-789-3521
Wholesale prices to MWA members.
www.youngbloodlumber.com

Forest Products Supply
2650 Maplewood Drive
(NE corner of County Rd. C and Hwy 61), Maplewood, MN 55109
Phone: (651) 770-2834
Web: www.forestproductssupply.com
10% discount on all lumber purchases.

Free turning-related ads for MWA members.
Commercial/non-member advertising $4.00/Issue per column inch. To place ad, contact Jeff Luedloff (jlued@q.com) or (952) 496-1177
Ads will run for one issue unless you call to extend your ad for additional issues.

FEBRUARY 2009 MINNESOTA WOODTURNERS 15