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Meeting Announcements

- **Tom Mogford** passed out this month's Craft Supplies vouchers.
- **The Chapter has** been asked to participate in an Emerald Ash Borer Information/Ash Wood Utilization Fair at the Washtenaw Farm Council Grounds on Saturday, January 29, 2005. Using a variety of educational displays and demonstrations, this event will address many of the questions that homeowners may have about the Emerald Ash Borer and the treatment/utilization options that exist for their trees. Presenters at the fair will include representatives from many government agencies, area businesses (tree services, sawmills, woodworkers, wood products industries, etc.), and local municipalities. This event will run from 11:00 am - 5:00pm and is free to the general public. The Washtenaw Farm Council Grounds are located at 5055 Ann Arbor-Saline Road South of Ann Arbor. Further details at the January 9 meeting.
- **Lynn Grenier offered** to coordinate another bulk sandpaper order. Contact him at 734-475-2305 if you're interested.
- **Richard Rowland** brought in a boatload of his wife's delicious homemade cannolies. Thank you, ma'am.

- **Tom Mogford** apologized for not always acknowledging our thanks for those who bring in the treats. Please remember its always appreciated, even if sometimes not expressed.

Tom Mogford demos the Ellsworth Grind Bowl Gouge

Chapter President Tom Mogford led a discussion about the care and feeding of the Ellsworth Grind Bowl Gouge and then demonstrated it's versatility at our December meeting.

Tom advises new turners to spend their money on 3 basic High Speed Steel (HSS) tools: a 3/8" spindle gouge, and diamond-shaped parting tool, and a 5/8" Ellsworth Grind Bowl Gouge with a U-shaped flute. He also recommends a decent grinder with a 46-grit and an 80-grit aluminum oxide wheels for sharpening, as well as the Ellsworth or Wolverine Jigs to help maintain the gouge



Tom points to the desired Ellsworth profile

Contact Us

President:

Tom Mogford 810-629-6176

Vice President:

Pete Buccellato 248-634-7622

Treasurer:

Timothy Morris 810-229-7156

Secretary:

Phil Clevenger 734-761-8737

Photographer:

Jeff Provost: Currently in Kuwait

Webmaster:

Paul Elert 734-769-5253

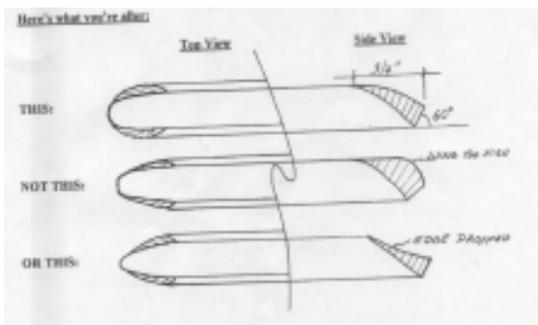


Using the Ellsworth Grind

Mission Statement:

Our mission is to provide education, information, and organization to those interested in woodturning. We meet on a monthly basis to share woodturning challenges, insights, and accomplishments. Our chapter accomplishes this through our mentoring program, library, mini-symposiums, monthly newsletters and friendship.

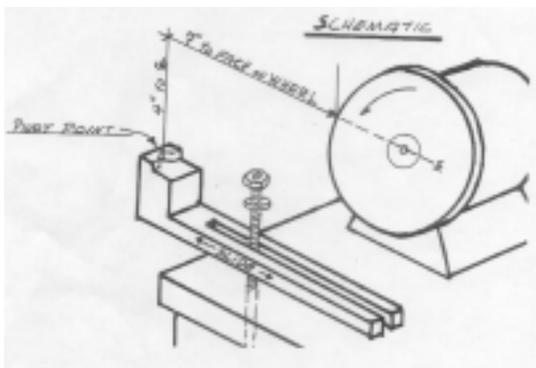
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profiles. **Figure 1**

Set Up of the Ellsworth Jig (refer to Figures 2 and 3). You may need to remove the wheel cover to make these adjustments.:

1. Cut slide from any board, 3/4" thick, 2" wide, and about 15" long. Cut slot approximately 7/16" diameter to



clear the 3/8" **Figure 2** diameter bolt. Cut notch in "basket" to receive tip of the jig's aluminum leg.

2. Position the slide on the bench so that it is parallel to the plane of the wheel and directly below it. Secure temporarily with a C-clamp.

4. Position a "guide" against the slide so it is parallel to the plane of the wheel; secure to the bench.

5. Drill a 3/8" diameter hole through the bench top to receive a 3/8" diameter carriage bolt. Be sure this hole is below the center line of the wheel, not off to one side.

6. Adjust slide so the basket is 7" from the face of the wheel. Tighten carriage bolt, remove C-clamp

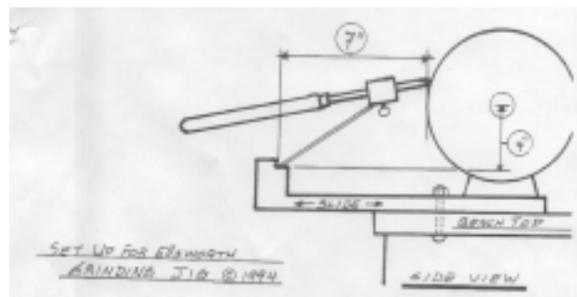
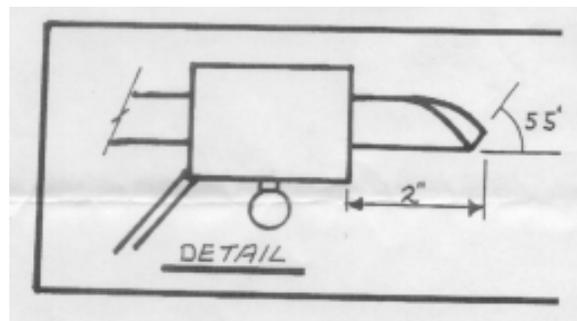


Figure 3

NOTE: Re-check measurements for location of pivot point in "basket." Should be 4" below center hole in wheel and 7" from the wheel face. As the wheel wears, adjust position of the slide to maintain the 7" distance.

Use of the Ellsworth Jig (refer to Figure 4): **Before you begin, turn the grinder**



"off". **Figure 4**

1. Slip the gouge into the jig, flute point-

(Continued on page 3)



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ing up, so that the tip protrudes 2" from the front face of the jig. Tighten set screw. (Suggestion: Drill a 3/4" diameter hole, 2" deep into the front edge of the bench top for future reference).

2. Position tip of jig's aluminum leg into pivot point of basket. With grinder turned "off", sweep the gouge a full 90 degrees left and right to ensure tip of the leg does not slip out of pivot point. Adjust notch if necessary.

3. Replace wheel cover on grinder. Bolt grinder to bench top.

It's a good idea to practice sharpening with the grinder off until the motion comes naturally to you. Lightly grind the left edge of the tip, then the right edge, then blend the center of the tip into the sides.

Tips on Sharpening:

1. Hold the jig with **both** hands to avoid over-grinding the tool.
2. Dress the wheel frequently with a diamond dresser. Dark marks on the wheel mean the surface is clogged and can't do its job.
3. **Don't over-grind** the tool. Once the shape of the tip has been formed, you never have to "grind" the tool again. Instead, "dress the bevel" with smooth, delicate sweeps of the tool on the wheel.
4. Don't over-grind the sides of the tip. This will cause the edge to drop from a gentle convex arc into a straight or concave line that is less efficient when cutting.
5. Be careful not to develop high

"wings" to the left and right of the tip. These "wings" will cause the gouge to catch. Use less pressure against the wheel when blending the center portion of the bevel into the sides.

After talking about setting up the jig to shape and maintain the edge, Tom showed us how versatile this grind can be.



With the tool positioned at centerline and the flute tilted 45 degrees in the direction of travel, the Ellsworth gouge can serve as a roughing gouge to quickly dimension a cylinder for a spindle turning.

With a bowl blank between centers and the tool at centerline, the Ellsworth gouge can form the tenon for the chuck and proceed to rough out what will become the bottom of the bowl. Lowering the rest and positioning the tip so that there is a 1/16" - 1/8" gap between the tip and the blank will produce a fine finish cut.

Once the work is fixed in the chuck, the Ellsworth gouge can be used to efficiently hollow the inside of the bowl. Tool at centerline, flute 90 degrees in the direction of

Changes

We have two new members:

Jason Corrado
2757 Lookout Circle
Ann Arbor, MI 48104

Robert Way
6700 Brookshire
Canton, MI 48187
734-844-1707

Welcome, gentlemen. We're here to answer your questions. Please ask away!

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Chapter Mentors

General Woodturning:

Russ Clinard 734-663-9689
Basil Kelsey 734-572-9216

Metalworking:

Lynn Grenier 734-475-2305

Renaissance Woodturning:

John Becker 248-851-0437

Chainsaw use and maintenance:

Jim Madsen 517-645-4594

Chapter Mentors have offered to share their expertise with members. Contact them for help. If you have developed skills that you would be willing to share with our members, please contact Phil Clevenger at 734--761-8737 to be added to the Mentoring Program.



Tom hollows the inside of the bowl



Finishing the foot



A closer view

travel will remove a lot of wood quickly. Tool at centerline, flute pointing straight up will produce a finish cut. (Note: pay attention to how much of the cutting edge you are presenting to the work. Too much edge will result in a rather spectacular catch and coarse language.. DAMHIKT. Stick with 1/16" or so. —editor)

Once the bowl is complete, Tom reverses it in a jam chuck and uses the Ellsworth gouge to finish-turn the foot.

That's the beauty of it...one tool, properly sharpened and presented results in a bowl ready for finish sanding, starting at about 180 if you're good.

In all, a good presentation of a fairly arcane subject. Thanks, Tom.

The Chapter Library has the David Ellsworth video on the use of his gouge and sharpening jig. Much more detail than presented here. Check it out.

(Editor's note: This article drew heavily on the handout *The Ellsworth Sharpening Jig* available in the Chapter Library. I'm not sure whom to credit)



Emerald Ash Borer Update

Jessica Simons writes:

Hello Woodturners --

I just wanted to let you all know about an exciting event that we are putting together for January in Washtenaw County.

The Washtenaw County MSU Extension office is hosting an Emerald Ash Borer Information/Ash Wood Utilization Fair at the Washtenaw Farm Council Grounds on Saturday, January 29, 2005. Using a variety of educational displays and demonstrations, this event will address many of the questions that homeowners may have about the Emerald Ash Borer and the treatment/utilization options that exist for their trees.

Presenters at the fair will include representatives from many government agencies, area businesses (tree services, sawmills, woodworkers, wood products industries, etc.), and local municipalities. This event will run from 11:00 am - 5:00pm and is free to the general public. The Washtenaw Farm Council Grounds are located at 5055 Ann Arbor-Saline Road in Ann

Arbor.

We would love to have local woodturners and chainsaw carvers featured in booths at this event. It would be a great way to showcase your works to the general public (and to hopefully increase your future business if homeowners choose to turn their beloved trees into works of art). If you would be interested, please let me know as soon as possible... and feel free to pass this notice along to any others who might be interested. We are reserving booth space immediately.

Thanks!

Jessica Simons
Natural Resources Specialist
Southeast Michigan
Resource Conservation & Development Council
7203 Jackson Road
Ann Arbor, MI 48103-9506
Phone: (734)761-6722 X 105
Fax: (734)662-1686
Web: www.semircd.org

We need volunteers to staff the booth and demo some woodturning. See maps on page 6. If you are available, please contact Jim Madsen at 517-645-4594. It will be a good opportunity to learn more about this project and the vendors involved. We would like to find a vendor or Disposal site that would let our members have access to some of this wood at little or no charge so that it can be used for something other than mulch.

Here are the current E.A.B. Disposal locations, with more being developed. The disposal sites are free to do with the wood they collect as they please, so they do not have to make the wood available to woodturners.

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Dues:

\$95.00/year, includes A.A.W. Membership. Remit at the December meeting or by mail to:

Timothy Morris, Treasurer
1673 Woodlake Circle
Brighton, MI 48116

Meetings:

are held at 1 p.m. on the first Sunday of the month at the workshop of:

Russ Clinard
2892 Bateson Court
Ann Arbor, MI 48105
734-663-9689

Next Meeting:

January 9, 2004

(Please note date change)





(Continued from page 5)

Macomb

Mid Michigan Recycling
24935 21 Mile Rd - Macomb
Hours: 7 a.m. to 5 p.m., M-F
7 a.m. to 1 p.m., Sat
Phone: (586) 598-5807
Location: On 21 Mile, just west of Gratiot Avenue
between Nursery Street and Erb Drive

Plymouth

Asplundh Tree Expert Co.
13101 Eckles Rd - Plymouth
Hours: 8 a.m. to 5 p.m., M-Sat
Location: On Eckles, near intersection of Amrhein
Road; east of I-275 S and north of Plymouth Road

Westland

Department of Public Service
37137 Marquette - Westland
Hours: 7 a.m. to 5 p.m., M-F
9 a.m. to 5 p.m., Sat.
Phone: (734) 728-1770
Location: On Marquette, south of Ford Road and just
east of Newburgh Road

Ann Arbor

Mid Michigan Recycling
4120 Platt Rd - Ann Arbor
Hours: 8 a.m. to 5 p.m., M-F
8 a.m. to 3 p.m., Sat
Phone: (734) 477-5651
Location: Corner of Ellsworth and Platt Roads

Riverview

Riverview Land Preserve
20863 Grange Rd. - Riverview
Hours: 7 a.m. to 5 p.m., M-F

7 a.m. to noon, Sat. (winter hours)
Location: Corner of King and Grange Roads

Waterford

Lamont Brothers Tree Service Inc.
2800 Alliance Drive - Waterford
Hours: 7a.m. to 7 p.m. M-F
8 a.m. to 5 p.m. Sat.
Location: Off Scott Lake Rd between Pontiac Lake
Rd and Dixie Hwy

Flint

Mid Michigan Recycling
1020 South Averill St. - Flint
Hours: 7a.m. to 5 p.m. M-F
8 a.m. to 3 p.m. Sat
Phone: (810) 743-5723

Whitmore Lake

Lamont Bros. Tree Service Inc.
6785 Whitmore Lake Rd
Whitmore Lake
Hours M-F 7:30am - 6:30pm
Sat 8am - 5pm
Phone: (734) 663-4177

December meeting Cheese Ball Recipe

by request

- Soften (2) 8 oz. pkgs of Philly Cream Cheese
- Shred 8 oz sharp cheddar cheese
- Combine Cheese, mixing well until blended
- Add 1 T chopped pimento
- 1 T chopped onion
- 1 T chopped green pepper
- 1 t Worchester –or– soy sauce
- 1 t lemon juice

Mix well and chill
Shape into a ball
Roll in 1/4 c finely chopped pecans



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925 Duncan Street
Ann Arbor, MI 48103

Visit our Website: www.MichiganWoodturner.org

**Do you have
Something to sell?
Something to buy?**

Listing is free to members.

Please contact Phil Clevenger 734-761-8737 or PhilClevenger@comcast.net by the Friday following the monthly meeting.

Ads will run for three months unless you cancel.

Classified Ads

Metal Lathe, partially converted for woodturning. Contact Russ Clinard for details at 734-663-9689.

Cherry, Black Locust, Black Walnut, Red Oak timber available.

Free. Contact Steve St. Charles at 734-449-4148.

Deft, semi gloss, \$18/gallon. Contact Bob Roehrig at 810-750-9132 or broehrig@gfn.org.

Maple Burl for sale. \$2.00/pound. Contact Tom Mogford at 810-629-6176.

Maple, Madrone Burl for sale. Contact Norm Blake at 517-626-7083.

Upcoming Events

Sunday, January 9th, 2005 (please note date change): Basil Kelsey will demonstrate the use of the Batty grind and Show-and-tell.