



Volume 21

Number 7

July 2008

Next Meeting Details
Topic: Tri-Circle Trivet Plate
Speaker: Devon Thibeault
Date: 10 July 2008
Devon will use a unique but simple offset turning technique to easily turn a beautiful trivet and using mainly a parting tool. The key is an auxiliary faceplate that holds and indexes the trivet blanks so three offset circles can be cut on one side.
Learn & Turn
5:05 to 6:25 p.m.
Topic: You! Turn a Little Burl
With Frank White
Frank will provide all materials; you bring creativity.

Minutes of June Meeting

Tim Elliot

Minutes of CNEW meeting 6/05/2008

We had one guest: Donna Banfield (actually, also the leader of tonight's Learn & Turn)

Treasury balance is \$4261

We elected some replacement/new club officers:

External VP: Reid Gilmore

Book librarian: Roger Boisvert

Sergeant at Arms: Chris Durkee

Learn & Turn leader: Bill LeClerc

We had ten lots of wood in this month's silent auction and many very nice pieces in the wood swap. Thanks to all who contributed to the success of these programs.

Ray Boutotte announced that the store has a supply of urethane oil finish.

Dave Eaton is still organizing occasional small group trips to Ken Dubay's shop. Contact him if interested.

Several members volunteered to help the Craft Center move their lathes on June 11 at 5 PM.

The Center will have a Father & Son pen turning class on June 15.

The newsletter has an ongoing need for articles - please consider writing something.

Our July Learn & Turn session will be led by Frank White.

The town of Fitchburg, MA, will hold a "forge-in" event on October 18. CNEW is invited to demonstrate turning and sell our work commission-free at Roger Boisvert's store in Fitchburg on that day.

Donna Banfield seeks help with a barn raising in Derry, NH Saturday June 14. An e-mail with details went out to the cnew e-mail list.

Several members attended our trip to the Harvard forest in May.

On June 12, Charlie Croteau is organizing a trip to Sean Robert's Woodworking in Gilbertsville. Plan to meet there at 2 PM or at the Worcester Craft Center at 1 PM to carpool.

Project Goodwill's event at Doyle's in Jamaica Plain on June 12 is now postponed due to scheduling problems with their musical entertainment. It is tentatively rescheduled to sometime in September.

Al Gilburg would like to host another wood-harvesting day at his land in Vermont. The date may be in July - TBD at our next meeting, depending on interest.

The Ocean Woodturner's chapter will have a demo by

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Australian turner Richard Raffan on June 28. See the CNEW website for details. Cost is \$30.

Thanks to Jerry Sambrook for donating some pen-assembly jigs. Many members picked one up.

2008 Club Officers Contact Information		
President	Charlie Croteau	president@cnew.org
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Wood Swap	Gene Spadi	
Freedom Pens	Gene Spadi	
Project Goodwill	Charlie Croteau	



Preparing...



Mounted and beginning...

Learn & Turn

Donna Banfeld

Dona Banfeld lead a session of turning bottle stoppers; some random pictures follow, courtesy of Dave Eaton.

Donna Banfeld



Donna showing some of her work.



Shape developing nicely...

Please check your homes and shops
for Club-owned books and videos;

Al Faul would like to
loan them to others!



Even better...one last cut...



Concentration...



Students at work...



Oh, Yeah!...



Collaboration...



Still collaborating... time to get to work...



Discussion...



Refining an idea...



This is working well...

Demo

Rick Angus

Rick Angus demonstrated making a fairly conventional waney (bark-edged) goblet; it's a lesson that utilizes nearly all spindle cutting technique as well as endgrain hollowing.

The project began by mounting a short piece of sapling between centers such that the center of the foot end of the goblet is of away from the pith, preventing the weak pith from becoming a structural

part of the goblet stem. The nascent goblet rim was centered about the lathe axis as well as possible; this was to give a nearly symmetrical rim in the finished piece. Initial rough cuts were made at each end to remove checked endgrain portions by reducing the diameter to about 1 inch at the rim end and producing a square tenon to fit the chuck at the foot end (Photo #1).

Photo #1



Initial rough cuts

Photo #2



A broken goblet doubles as a wobbly mushroom.

The roughed piece was mounted in the chuck, running true to the axis of first mounting and the end was face cut with a beading/parting chisel (photo #3).

The bowl shape was determined by removing wood from inside the bowl—later, the bowl wall would be cut to uniform thickness so the final shape is determined here.

Three methods of end-grain hollowing were demonstrated: drilling and scraping (Photo #4) with a swept-back spindle detail shallow gouge, cutting the walls (Photo #5) with an unhandled (don't try this at home) hook tool and cutting the bottom with a Termite™ tool (demonstrated on a scrap piece in

Photo #7).

terror load on the front row of attendees.

Photo #3

Photo #5



Face cutting the "rim" end of the sapling



Deeper hollow-cutting

Photo #4

Photo #6



Beginning the hollow-cutting of the bowl



Bowl shape developing

The quality of the cuts and the regions of the bowl accessible by each tool differ slightly. The gouge cut pierces the surface and drives a center hole quite easily; scraping from center to rim (with the grain) using the leading (left) flute of the gouge quickly removes wood. Forensic examination of the chips revealed rough flaky chips consistent with torn fibers; the surface finish inside the bowl was equally as rough...acceptable but in need of sanding.

The hook tool (made during our 2008 February shop visit, hosted by Michael Peters), sharpened as a bowl gouge with the flute at 90 degrees to the tool shaft axis, easily cut a smooth bevel guided cut from the depth hole to the rim. The ring tool was best for cutting the very bottom of the bowl interior.

At one point, a piece of very fresh black birch released from the smooth dovetail jaws of a PSI chuck; replacement with the knife-edged jaws of a Talon chuck solved this problem and reduced the

Photo #7



Termite™ ring tool

Photo #8



Artificial terror (a little off center turning never hurt anyone).

Photo #9



Remounting the recalcitrant sapling piece.

The project was begun afresh with a somewhat less juicy piece of maple replacing the black birch and the smooth jaws of the PSI chuck with knife-edged jaws. The sapling remained well behaved for the remainder of the process.

The exterior of the bowl shape was cut using a skew chisel (Photo #10) and a shallow gouge (Photo #11). Illuminating the bowl from the inside (Photo #12) was used as an on-the-fly thickness gauge as the light was transmitted through the wet wood at wall thicknesses of <about 3/32".

The completed bowl is shown illuminated in Photo #13; darkening the room lighting makes this even more pronounced (and its fun working in the darkness).

A large rough cove shape was cut to the left of the bowl to allow easy access of the cutting tools to the bowl as well as prepare for the stem shaping to come.

Photo #10



Shaping the bowl outside with a skew chisel.

Photo #11



Rough shaping outside with a shallow gouge.

Photo #12



Illuminating the bowl from the inside.

Photo #13



Illuminated bowl.

The bowl was supported (Photo #14) by a cone tail center and a paper towel (to prevent scuffing the aluminum cone on the bowl interior). The support produced little force towards the headstock to prevent compression of the soon-to-be very thin goblet stem.

Photo #14



Supporting the bowl while cutting the thin stem,

This is very important when making goblets with long stems. The demonstrator wisely avoided a public attempt at making a long-stemmed goblet as Murphy had already assisted with the chuck mounting that evening.

A few fine cuts between the base of the bowl and the stem were all that remained. Additional light cuts along the "cove" defined the foot and a quick undercut parting cut finished the piece. The parting cut was not cut to completion but was stopped at about 1/8" diameter. The risk of torn fibers pulling out of the base is too great. The nub was cut with a sharp carving tool (in actuality, a lathe skew chisel).

Photo #15



Fine cut at the junction of the bowl and stem.

Photo #16



Ready for foot and parting off.

Photo #17



Finished Demo goblet.

Show & Tell:

Bill Legere



Square bigleaf maple bowl

Frank White



Cherry & walnut vase, textured



Cherry & Wenge vase, textured

Jerry Sambrook



Ornamental Cherry Endgrain vases

Ray Boutotte



Segmented bowl in maple and Brazilian cherry

Al Gilburg



Two salt vaults ("they sell really well")

Reid Gilmore



Square bowl from bigleaf maple

Will Hunt



Cherry vase

Dave Hanssen



Flower arrangement holder

Peter Wilco



3 bottle stoppers

The CNEW Skew

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Central New England Woodturners
A Chapter of the American Association of
Woodturners



Find us on the web @ www.cnew.org

Membership Application

To join or renew membership, please complete this form and a check made payable to CNEW and bring it to a CNEW meeting or mail it to:

Treasurer, Central New England Woodturners
c/o Worcester Center for Crafts
25 Sagamore Rd.
Worcester MA 01650

Annual dues: \$20 including e-mail delivery of newsletter; \$25 for postal delivery of newsletter.

Name: _____
Street: _____
City: _____
State: _____ & Zip: _____
e-Mail: _____

Please check appropriately below

- New Member
- Returning Member
- e-Mail Newsletter (\$20.00)
- Snail Mail Newsletter (\$25.00)

Please let us know of your interests:

How long have you been turning? _____

What programs would you like to see at meetings? _____

Would you like to demonstrate at a meeting? Yes/No If so, what topics do you offer? _____
