

Echos From the "BAT" Cave

Baltimore Area Turners

BALTIMORE AREA

TURNERS

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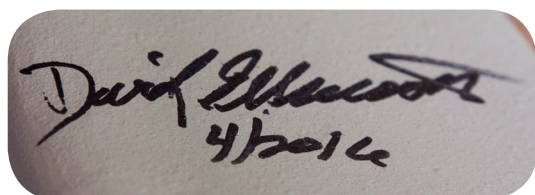
DAVID ELLSWORTH ! ! !



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Grand Master turner, David Ellsworth (above) captivated BAT with his detailed explanation and demonstration of bowl turning . He left his mark on the pieces (right) and the BAT lathe (below).

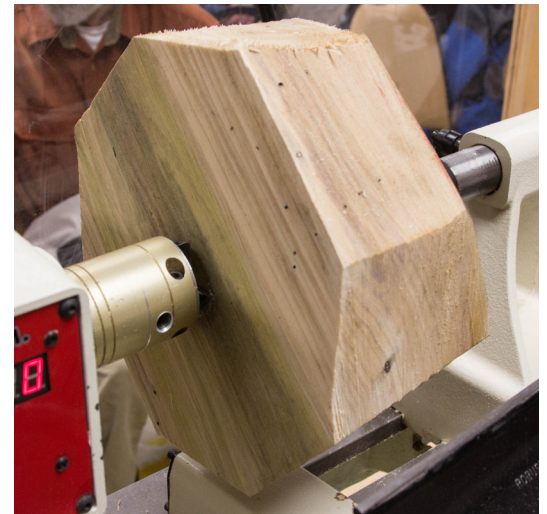


MORE INSIDE





David's Tools of the Trade



Hunk 'o Poplar mounted between centers

DAVID ELLSWORTH DEMO

An energetic David Ellsworth came to BAT ready to turn and teach. He turned a cut bowl and a natural edged bowl out of green wood and enlightened the group in the theory and practice of bowl turning.

He started by mounting a large hunk of Poplar between centers using a [Stubby Drive Center](#). Starting at 500 RPM with what he called a roughing cut, he removed the ir-



The famous Ellsworth gouge



Hollowing tools

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BAT pays full attention to David Ellsworth



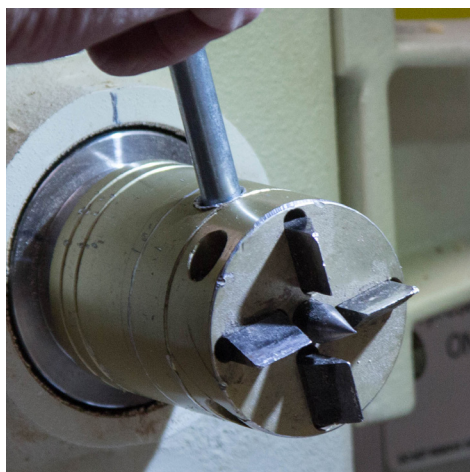
Roughing cut makes quick work of rounding out bowl blank.

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regular outline of the hunk. He followed this up with a slicing cut to shape it and remove material to see what was inside. This allowed him to adjust the alignment of the piece to optimize the grain pattern of the resulting bowl. Once that was done, he cut a tenon with the bowl gouge and refined the chuck jaw mating surface and dovetail with a spindle gouge. Before removing from centers, he cut his 'base cut,' which guides shaping the base of the bowl.

He chucked the piece and brought the tail-stock back up for support as he flattened the face and shaped the exterior. He emphasized

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Stubby Drive Center



Cutting the tenon

MASTER CLASS



Shear scraping leaves excellent finish.

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FIRST BOWL DONE



his stance at this point, how his arms and hands don't move, he simply shifts his weight from one leg to the other to achieve a smooth curve. He shaped the exterior with a slicing cut followed by shear scraping. He then removed the tailstock and hollowed out the form, starting with roughing cuts and finally using a finishing cut with the flute up and the left side of the bevel rubbing the interior of the bowl.

(Clockwise from upper left) Hollowing interior; BAT members covered with shavings; Finishing cut; DIY jam / vacuum chuck.

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(Clockwise from above) Bowl reverse chucked; slicing cut removes excess wood; turning foot with spindle gouge; completed bowl.



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David discusses design considerations

NATURAL EDGE BOWL

He gave detailed instruction on how to make the threaded jam chuck that he used to reverse chuck the bowl and finish the foot. The jam chuck also doubles as a vacuum chuck.

His second bowl was a natural edged bowl made of spalted Beech. This was turned to a 1/8" uniform wall thickness.



Initial mounting between centers



Final adjustment of centers



Cutting tenon and base cut



Sharpening the famous gouge

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Shavings seemingly appear from nowhere as interrupted edge is cut



Initial hollowing with bowl gouge



Straight hollowing tool cuts interior well



Hollowing tool cuts side wall of interior

HOLLOWING THE NE BOWL

David was as excellent a teacher as he was a turner. Every step along the way, he took pains to explain exactly why he did what he did, from how the tool was held, to his stance, and the theory behind how the cut worked. Even to jaded veteran turners, this was an inspiring demonstration.

Thanks, David!

(After the meeting David sold his goods to attendees. He generously donated 10% of the proceeds of his sales of books, DVDs and tools to BAT. Thanks again, David.)



Close up of bent cutter at work

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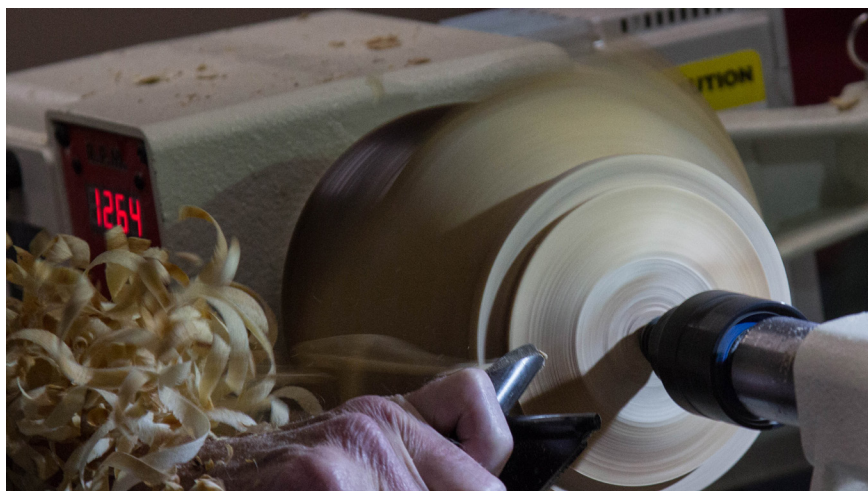


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FINISHING THE NE BOWL

(Clockwise from above)
David pauses to answer a question;
Finishing cut on bowl interior; finish-
ing the bottom.



(Left)
Separated at birth?

**Ted Rein, Louis Harris,
and David Ellsworth**
discuss tonsorial affairs.

2016 Susan Shane Memorial Iron Man Challenge

	Handle	Apple/Pear	Board Bowl
Richard Dietrich	x		
Ron Ford	x	x	
Louis Harris	x		
Wayne Kuhn	x		
Bob Rupp	x		
Charles Stackhouse	x	x	x

RAFFLE NEWS

To maximize time available to David Ellsworth's demonstration, there was no raffle at the April meeting. Please bring your wood and other turning related items to donate to the May meeting.

BALTIMORE AREA TURNERS

Baltimore Area Turners meets every month on the second Wednesday of the month. The next meeting will be held at the Boumi Temple at

5050 King Avenue
Baltimore, MD 21237-3325

Next meeting:
May 11, 2016 at 7:00 PM

Agenda: Spindle Turning, Part 2 - Louis Harris will lead a hands-on using spindle gouges and parting tools.



PRESIDENT'S CHALLENGE



Charles Stackhouse showed a Cherry apple with a natural stem and a footed Pine board bowl.

STILL MISSING BAT LIBRARY ITEMS

BAT has an extensive library of turning related books and videos. Unfortunately, some of the items are still missing. You might have one of them in your home. Take some time to re-check your nooks, crannies, and cubby holes for items belonging to BAT. If you find any, please bring them in. No questions asked.

PRESIDENT'S CHALLENGE #3

BAT President Ron Ford has announced the third President's Challenge for 2016:

May – Turn a bowl from a board - at least 6" diameter, at least 3 rings.

(This is the third entry in the Fourth Susan Shane Memorial Iron Man Challenge.)