

Waveney & District Woodturners



E-News

Chairman: Andrew Platt

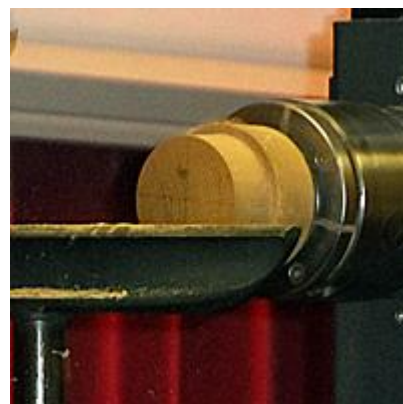
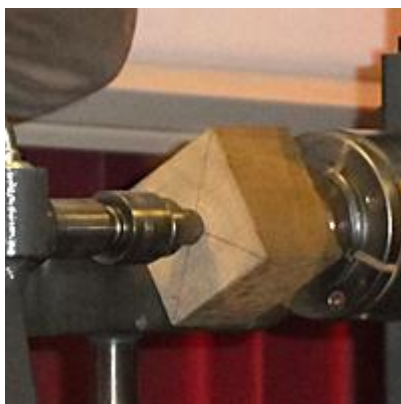
Secretary: Paul Sharman Treasurer: Chris Petch Events Secretary: David Ritchie

THIS MONTH'S PROFESSIONAL DEMONSTRATOR

Andy Coates

First Half Demo – A Turned “Square” Box

The first demonstration was to produce a “square” box on the lathe. Yes, I was curious as well. He started by mounting a small 3in square piece of oak which he proceeded to mostly round off between a Steb Drive and Ring Centre on the tail stock. Part of this was to become a tenon for the project.



He then mounted a piece of 3in x 3in square by 6-7in long sycamore using the same centres and carefully turned a tenon on each end. The reason for such care was to avoid breaking off the corners of what would become the top and bottom finished box. The piece was then divided into the standard 2/3rd, 1/3rd lengths for the base and lid and parted off using a thin parting tool to minimize the loss of grain pattern. Again, Andy was very careful starting off in order to avoid catches on the outer edges of the finished box.

The previously rounded piece was re-mounted and rounded to 65mm diameter. This had to have flat ends plus parallel sides and was finished by sanding before a section was parted off.



The Association of Woodturners of Great Britain



LOTTERY FUNDED

Andy then mounted the base section and flattened the face, removing as little wood as possible. He checked the diameter of the tenon plug, transferred it to face of the piece and cut a recess using his parting tool, ensuring that the sides were parallel and hollowed to approximately half the depth of the tenon insert.



At the bottom of the recess was a raised outer ring, with the middle being 1-2mm deeper. After checking that the inner faces were flat and square, he applied CA glue. The tenon insert was sprayed with accelerator and forced home using the tail stock and a block of wood as a clamp.

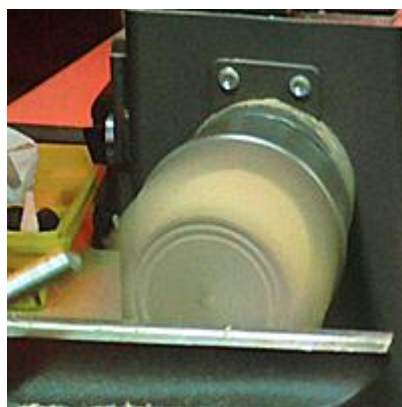
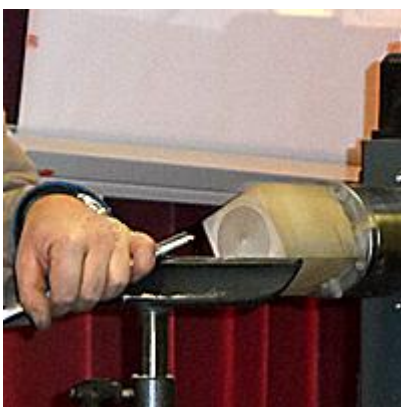
Once set Andy used a Forstner bit to hollow out the centre before completing the process with his parting tool. (He lost most of his tools in his workshop fire, so not necessarily his first choice for hollowing). However, a little tip for getting rid of the “pip” at the bottom caused by the Forstner bit is to put the point of the parting tool into it and gradually working outwards to obtain a flat bottom.

The edges of the protruding part of the tenon were then rounded off to help with the final fitting.



The top section was then mounted on the lathe. The depth of the protruding tenon on the base was checked and the same amount was hollowed out of the lid. The face was squared off to ensure an accurate, gap-free joint with the base. After a great deal of fine adjustments the base and lid came together to create the finished turned “square” box. As a way of finishing off the box Andy turned a bead on the lid and formed a shallow recess in the middle.

He then introduced the room to some new paints he was going to use to decorate the lid. These are made by Pebeo and available on Amazon. When two of these paints are mixed and poured onto a surface they eventually form a honeycomb pattern. The paint sets in six hours but takes three days to cure fully.

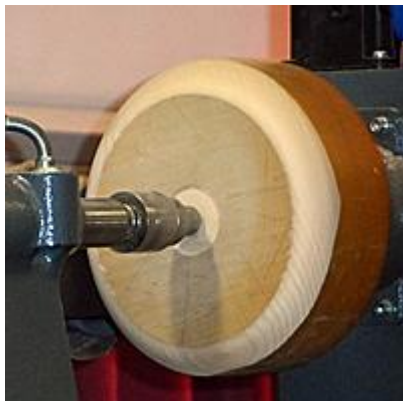


Here are the Pebeo Paints in the box lid and have had an initial stir to create a unique pattern.



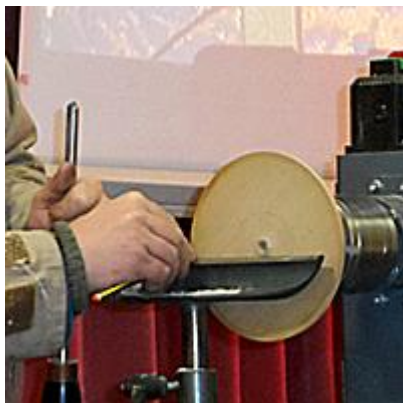
Second Half Demo – Scorched and Lime Waxed Bowl

Andy started by mounting 9in Ash bowl blank and proceeded to create the outside ogee shape by cutting from the outside inwards. The usual way is to round it off and square the face, but Andy didn't deem this necessary as he was going to discuss the way in which the grain would get torn, or otherwise, on different areas of the bowl. He demonstrated different approach cuts to help minimize this problem.



Andy prefers to create a tenon on the base of bowls as a compression fit is a much safer way of holding the piece as opposed to a recess where the expanding chuck jaws could apply too much internal pressure and split the bowl causing a potential safety hazard. Andy was using a Crown Bowl Gouge made of M42 steel, which he knows gives a superior and longer lasting cutting edge. The outside was then shear-scraped, leaving only a small amount of sanding to get a good finish.

The bowl was then mounted in the jaws and the outer rim was shaped and given a smooth surface. The rim was then carefully blowtorched to scorch the surface.



The surface of the scorching was removed by light sanding leaving a light and dark ribbed effect due to the Ash's natural growth rings. Liming wax was then applied and normally allowed to dry for about a day. However, Andy didn't have the time and so proceeded to remove the excess wax creating the finished effect as best he could. The outer edge was cut and rounded off, then the middle hollowed out thus creating a lovely deep bowl with a delightful contrasting rim.



THIS MONTH'S TABLE ENTRIES

This month's table contained an excellent display of pieces from both novice and advanced turners. The miniature thin-stem goblets were this month's choice by our new Chairman Andrew Platt.



COMING UP

NEXT MONTH

Tom Kittle - Thursday 9th March

A firm favourite and great supporter of our club has started a new chapter in his life since retiring from his Lapwing Gallery in Holt. Can't wait to see what he has to offer with this new found freedom.

TRAINEE/IMPROVERS NIGHT

Monday 27th February at 7.00pm

This is an opportunity for trainees and novices to improve their skills on a motivational and relaxed social evening hosted by your club committee - not only that, tea and biscuits are provided.

MIDLANDS WOODWORKING & POWER TOOL SHOW

24/25th March at Newark Showground NG24 2NY

ALL DAY DEMONSTRATIONS

Les Thorne

Norwich Woodturners Club

The Senior Citizens Club, Recreation Ground Road, Sprowston, Norwich NR7 8EW

On Saturday 22nd April – 09.30am - 4.30pm

£15 Including Lunch - Tickets from Roger Groom

Website: <http://www.norwichwoodturners.co.uk/index.html>

Gary Rance

Mutford Village Hall on Saturday 30th September

Full Day including lunch - £TBA

Paul Howard

Full Day for Trainees – Paid for by AWGB

Mutford Village Hall on Saturday 21st October

Lunch will be proved at a nominal cost.

IS YOUR LATHE: $\frac{3}{4}$ in x 16tpi or 1in x 8tpi – If so, check out the Rutlands link below for a cheap way of getting your hands on a pair of steb centres, face plate and screw drives for only £59.95.

<http://www.rutlands.co.uk/pp+woodworking-power-tool-accessories-woodturning-accessories-woodturning-fittings+c16103>

FOR SALE: Plasterboard. 3 sheets 900mm x 900mm x 9mm, plus a couple of offcuts - £5. Contact Len

AROUND THE CLUBS:

*(Hold the **Ctrl Key** down and **Click** on the link)*

Kennet Valley Woodturners - <http://www.kvwt.co.uk/index.html>

Kent Woodturners - <http://www.kentwoodturners.com/home2016.html>

Matlock and District Woodturners: <http://www.madturners.co.uk/home.php>

YOUTUBE VIDEOS:

*(Hold the **Ctrl Key** down and **Click** on the link)*

Green Natural Edge Bowl: <https://www.youtube.com/watch?v=J1-kGkvnsyE>

Walnut Bowl Dried in Microwave: <https://www.youtube.com/watch?v=DcPYt0YiLLM>

A Yew Natural Edge Vase: https://www.youtube.com/watch?v=z5VWjX8Km_M

