



WEST SUSSEX WOODTURNERS

AUGUST 2019 NEWSLETTER

Ian opened the meeting with a few announcements.

The box for donations for St Barnabas will be available for the next couple of months.

The Lidded box competition has been moved to October.

Keith is still looking for volunteers for an Amberley event over the August Bank Holiday (24th, 25th and 26th) if you want to come please contact Keith.

The main event for the day was a demonstration by Paul Hannaby. Paul is the current chairman of AWGB and had come down from the dark depths of the Forest of Dean. Sounds like a good place to be if you are a wood turner.



Paul was going to demonstrate a variety of designs.



First up was going to be a Mushroom box made from Yew. Paul mounted the blank between centres and put a spigot on each end using a parting tool. He made the spigot into a dovetail using a Spindle gouge but there is no reason he said why you could not use a Skew (Editors note: apart from fear that is). Where you part off is somewhat arbitrary. Some people like 1/3rd to 2/3rd others prefer 2/5th to 3/5th. He put the timber in the chuck and brought up the Tail stock, with a Ring centre in as added security whilst he parted off. He made the lid first. He hollowed this out using his Spindle gouge going from the outside to the inside. He finished off the hollowing going from the centre to the outside. To give a final finish he used a Half-round scraper. He then cut a small rim on the inside of the lid using a Square scraper. He turned down the speed of the lathe whilst he sanded to avoid heating the wood up and potentially causing small cracks in the timber. He brushed off any dust with a smallish paint brush. He applied some microcrystalline wax direct to the timber using his fingers. He did say you can use a sanding sealer if you wish.

He then mounted the base in the chuck. He turned a spigot to match the top. Paul likes to make the top a tightish fit enough so that you can pick up the whole box, but not so tight that you need muscles like Schwarzenegger to get it apart. He rounded off the piece with his Spindle Roughing gouge. On the mushroom boxes Paul likes to leave a little bit of the bark on but that is just his personal choice. He fitted the lid to the base and shaped it. He sanded the lid starting at 240 grit going up to 400 grit. He applied a spray Cellulose sanding sealer, which he denibbed using grey Webrax. He finished off with a wax stick. He removed the lid to hollow the base. He started the hollowing by drilling into the blank with his Spindle gouge. He switched to a Flat nosed scraper to ensure that the sides were square before switching to a flat nosed scraper, which was also sharpened along the side. He sanded the inside again starting with 240 grit. He sanded the outside and sprayed on some Cellulose sanding sealer, denibbed and finished with his wax stick finally buffing it up using paper towel. To finish the base Paul made a jam chuck and brought up the tail stock for added security. He finished off the base using a Spindle gouge and making some lines on the base.



The 2nd project was the Needle box appropriately Paul was using a piece of Box. He rounded off the blank with his Spindle Roughing gouge and put a spigot on each end. He then cut the blank into 2 equal parts. Paul started on the outer cover. As with the previous piece he drilled into it using his Spindle gouge. He continued hollowing with the Spindle gouge and his Half round Scraper. He finished it off using a Box Scraper.



This piece required thread chasers



Paul put a radius on the inside. Top cut the thread he recommends setting the lathe at about 450 rpm. He started the thread chaser at an angle and gradually straightened it up until it was parallel with the sides. He then applied some wax to lubricate the tread. He now put the inside piece in the chuck and bored a hole down the middle for the needles using his Spindle gouge as before. He marked the end and put a spigot on the top. He checked the inside actually went into the outer and reduced the rest to match. To cut the thread he worked towards the head stock. Having cut part of the thread he found he had to reduce the size. He lubricated the thread with some wax and re-cut the thread. Having ensured that the grain matched he brought up the tail stock and cut some bobbins using his parting tool. He put the two halves together. The chuck was removed and the piece was placed between centres. Using his Roughing gouge he ensured the outers matched. He rounded off the top and the base using a Spindle gouge.



The next project was made from Brazilian Tulipwood. Using put the blank between centres using ring centres. As before he cut spigots on either end and dovetailed them. He cut through the blank using a Thin parting tool as he was not going to use the entire blank. He put a spigot on the piece that had remained in the chuck. Paul was going for a $3/5^{\text{th}}$ to $2/5^{\text{th}}$ ratio. He made another cut to mark the lid from the base and proceeded to round in the blank with the Spindle Roughing gouge and cut a spigot. Having parted the lid from the base he put the lid in the chuck and hollowed it with the Spindle gouge and a Flat scraper to give the lid a square top. He sanded starting with 320 and going to 400 grit. Using his small Square scraper he made a small recess in the lid. Paul recommends that the recess should be around 4 to 5mm (or about $1/5^{\text{th}}$ of an inch for any old farts still working in Imperial). He put the base in the chuck and cut a spigot to take the lid. If the fit is a little loose you can use a piece of paper towel to tighten it up. He finished the turning the lid, sanded it starting at 240grit up to 400grit. He sprayed with Cellulose sealer, denibbed and finished with his wax stick. Paul started off hollowing the base as he had on the previous projects. He sanded the inside using 320 grit and applied some Microcrystalline wax using his finger as before. He then sanded the outside and using his Flat scraper took the corner off the edge of the corner of the spigot taking the lid. He sprayed with Cellulose sealer, denibbed and finished with the wax stick before buffing with paper towel. He turned it around and very carefully held it in the chuck jaws to finish the base. He turned away the spigot taking small gentle cuts, he sanded from 240grit to 400. He cut a couple of grooves to establish that the base had been properly completed before finishing with sealer and wax.



The final project was a Pagoda style box, the timber was Bocote. He put he blank between centres and turned the part of the blank nearest the tailstock round leaving the other part square for the lid. He put a spigot on each end but took the edges off the very top of the lid to avoid tear-out. He put the lid in the chuck and parted off the base. He put on a spigot to take the base. He sanded starting with 240grit but being very careful not to sand off the corners. He put some grooves on the inside of the lid. He put on Sanding sealer, denibbed and applied microcrystalline wax. He often applies the wax using White Webrax as it is non-abrasive. He put the base in the chuck and hollowed out. If you prefer not to drill down you can do something similar to hollowing a bowl. He squared it up using a Flat scraper. He sanded the inside using 320 and 400 grit. He applied some wax and buffed. He then shaped the base and cut down the inside walls to take the lid. Having fitted the lid to the base he shaped it, and finished with Sanding sealer and microcrystalline wax. He sanded the base from 240grit to 400grit and finished as usual. He turned the base around, placed it in the chuck to remove the spigot and finished it off as the previous project.



MEMBERS SHOW AND TELL TABLE:

The lamp is by Ray Thompson and is a Monkeys fist knot. A very useful knot if you need a weight on the end of a line.



The box is by Gary Parkinson.



Does anyone know anything about Peter Coxall?

My last email was bounced back as address unavailable. For newer members information Peter is one of our founding members.

ADVANCE WARNING:

If you happen to be in sunny Dorset over the August Bank Holiday weekend you could visit **The Oak Fair** at Stock Gaylard on 24th and 25th August. For more details visit **theoakfair.com**

NEXT MONTH:

Is a members led morning but I have been sworn to secrecy on what is actually happening. For those cynics out there the answer is yes we do have something organised and no I am not involved.

FOR SALE:

Record CL1 lathe it's 36 inches long by 12 wide. It has 3 speeds 450, 950 and 2000. Comes with chuck and tools.

Contact: Ken Wood via club.

(I think this has a swivel head).

Wanted

Volunteers

To represent your club, 3 days to cover, 8 lathes each day to man-

24th, 25th and 26th August in our workshop at Amberley-

You don't have to be an expert turner, just a willingness to show off our hobby.

Turn things you are happy doing, nothing too big or complex-

If you struggle on certain things, now is the time to discuss with others-

Everything is 1 inch X 8 and Axminster chucks, take jaws to be sure-

A chance to put some of your turnings up for sale-

If you want any additional information, or just a chat to waylay any fears, give me a call.

Keith Greenfield