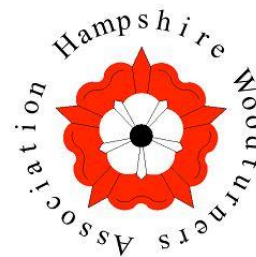


Hampshire Woodturners Association. Newsletter April 2021



Dave Simpson is currently in Scotland following the death of his mother-in-law. We offer our sincere condolences to Dave and his wife Gail. This newsletter has been prepared by Dave Gibbard and Pete Broadbent.

Your new Committee

Pete Broadbent	Chairman
Bob Hope	Secretary
Richard Nicholls	Treasurer
Dave Simpson	Editor Your Turn
Keith Barnes	Membership secretary
Alan Baker	Novices
Tom James	Library
Richard Bray	Outreach

We are sorry that following a number of scam attempts, the contact details of members are not being listed on the website or in documents which may appear on it.

We'll let you have committee contact details by other means soon. If you wish to contact a committee member in the meantime and don't know their phone number or Email address, please go to the website and use the "enquiries" facility.

Message from the Chairman

Firstly, I am delighted to be the new Chairman on the club and look forward to working with the committee and you all for the next year.

I would like to thank all the committee for all their hard work keeping the club going and with Dave Gibbard leading and inspiring the committee to keep everything ticking over during the last year during the current COVID pandemic; I have some big shoes to follow. Dave still aims to be involved with the club eg with Minstead etc.

I am aware that you are all as keen as I that we get back to face to face meetings. Rest assured that the committee and we are working closely with Eastleigh venue to ensure that this happens safely, within the venues COVID requirements, and of course Government guidelines. It will not have passed your notice that the outcome of COVID depends on a number of factors which are out of our control.

I will aim to do the best I can in this role. I do not like change for the sake of change but my view is that this is 'your club' and so if you can see a way of improving things, have some great ideas for competition themes etc then don't be shy and sit on your laurels and let me and the committee know so that we can consider your ideas.

My Background

I think it important that you know a little about me! I hail from East Yorkshire, you may have noticed the accent. I left at 16 to join the Royal Navy (RN) as a Radio Electrical Mechanic and stayed for 33 plus years, becoming an electronics technician (Artificer in RN speak) and then a Weapon Engineer Officer, leaving as a Lieutenant Commander. I class myself as an Electronic/System Engineer and I am Chartered; my bailiwick is radar, main frame computing systems (Command Systems in RN speak) and Electronic Warfare.

I am still working full time and work for the Defence Science and Technology Group and I run the Above Water Group doing defence maritime research, which keeps me out of mischief.

My interest in woodwork stems from my early years and I was intending to be a carpenter, but apprenticeships were scarce and so it never happened. In my school days I did some woodturning.

However, being away a lot, having a young family, a large mortgage and no spare cash meant that I had to put everything on hold until I left the navy; I do both woodwork and woodturning.

I went to a demo on woodturning at Axminster in Basingstoke and one of the demonstrators recommended that I join a club and that happened in 2015 (I think).

I remember mentioning to Tom James that I was into photography and the next minute I was doing the club photographs and have been doing that for about 2 ½ years.

What am I passionate about outside of woodwork and woodturning? I have been doing photography since I was 14 and have now combined this with my interest in Astronomy and I am a keen Astrophotography, taking images of deep space. I am also into oil painting, mainly big cats and I play around with microcontrollers. Working full time means I have to steal opportunities to do this stuff, which is hard, roll on retirement.

Coming Events

Monday 17 May 7.30 **Zoom demo by Colwin Way.**

You may have seen Colwin demonstrate at the Club before or at Axminster. He is a very skilled turner and explains things well as he goes along. If you want a taster, have a look on-line. He has demos on YouTube too. The link to log on to the Zoom demo will be sent to members by the Secretary just before the event.

Membership Subscription Renewal

You will recall that the club reduced the subscription payment last year to half the previous value due to the fact that we were still in the throes of the pandemic, with greater uncertainty than now, and when outgoing costs were less, other than the remote demonstrations.

Although we do not have a precise date, it is anticipated that we will be able to return to our proper meet-ups this year and hence the outgoings will return to normal.

You will be aware, from the AWG financial reports, that the intention is to increase the HWA membership subscription to **£30**; this was voted on, and unanimously accepted, by those who attended the AGM on 7 April. The decision to increase fees was not taken lightly however, I am sure you will agree that this is still excellent value.

So the time has come to pay this year's subscription, the preferred method will be via Bank Transfer and the Bank details are below:

Bank: Passed previously by email

Sort Code: Passed previously by email

Account number: Passed previously by email

Account Name: Passed previously by email

Please ensure you put a **reference to your name** in the transfer so that we know who it is from.

If your preferred or only option is to pay by cheque, then please send to:

Keith Barnes, address passed previously by email

Finally, can you please ensure you pay the subscription before the end of April at the very latest.

Pete Broadbent, Chairman

Report on 2021 AGM

The 2021 AGM was held via Zoom on Monday 7th April.

The Agenda, minutes of the previous AGM, reports from the Chairman and Treasurer and nominations for the committee had been circulated in advance.

The meeting was attended by about 25 members and a further 5 had voted prior to the meeting.

Members will have the opportunity to see the full minutes of the 2021 AGM by internal circulation in due course. This is a brief summary of the proceedings.

After a few technical glitches the meeting got under way. I must apologise to the few latecomers who were unable to join the meeting until well into the proceedings. This was due to the Chairman, having been made host, not understanding the meaning of the message that people were in the waiting room and that it was up to the host to admit them.

The minutes were taken as read and were accepted unanimously. There were no matters arising.

The Chairman delivered his report covering the effects of the Covid pandemic on the delay of the AGM for a year and the extension of his term of tenure, acknowledging the work done to keep the Club active remotely. This involved circulation of news via email and the website, continuing publication of Your Turn and monthly galleries with points awarded to the Len Osborne Trophy. In particular he mentioned the work of the Secretary, Bob Hope in organising remote demos which was recognised in the award of the Clubman of the Year.

On the subject of support for charities, the work of our volunteers at Minstead Trust remains on hold but we look forward to a resumption later this year. One of the volunteers was Pierre Baumann, who died recently, and the Club made a contribution of £100 to the Trust in his name which was gratefully acknowledged.

The Treasurer Mike Dutton, who is standing down to spend more time with his guitar, presented his report. The introduction of internet banking had made managing the account much less laborious. After a quiet year financially the balance remained strong at around £3K but had dropped from £5K over the last 2 years. Subscriptions had been held at £25 for many years and he proposed an increase to £30. The treasurer's report and recommendation were accepted unanimously.

Keith Barnes had had the trophies engraved for the annual awards. Bob Hope is the new Clubman of the Year and Alan Baker won the Len Osborne Trophy for gallery participation; well done to both.

The Les Revell Novice trophy was not awarded this year as there had been no meetings. Keith held up the trophies in lieu of actual presentation and there was a surreal moment when members applauded whilst muted.

Election of the committee followed. There being no competing nominations this was done en bloc and was passed unanimously. The new committee members are listed at the start of this newsletter.

After a general discussion among members, the Secretary brought the meeting to a close.

Report on the Cindy Drozda Zoom demo Monday 19th April (By the Chairman)

Part 1

Cindy Drozda, from Boulder, Colorado, USA is a world renowned woodturner, especially regards finials. HWA held a joint interactive remote demonstration (IRD) with Test valley woodturners. After covering the 'rules' for IRDs and ways to make the experience better, Cindy gave a whistle stop tour around her workshop and confessed that she started out as cabinet maker or flatwood worker and got into woodturning as a result of making a chair with turned legs and spindles. She gave some examples of her turned work (Figure 1).



Figure 1

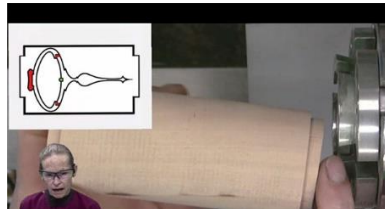


Figure 2 – the intended box

Cindy's IRD would demonstrate a box with a finial and an inlay; she had previously sent out the detailed drawings of the box; the box demonstrated today was designed to be done in a single demonstration (Figure 2). The main box is made from Pacific Madrone (*Arbutus menziesii*) but will have an inlay and the club would be given the choice of either Walnut or Amboyna burl. Cindy explained that the choice of wood for the box was all based around the finial rather than the box itself and should be defect free. All Cindy's wood is kiln dried in an old modified freezer (Figure 3).



Figure 3 - kiln drier



Figure 4 - Mylands

The tip end of the finial was put in the four jaw chuck in ODonnell jaws and the and the tailstock brought up for support. The wood was brought to round (lathe speed 3000rpm) and then marked at 63mm and parted off. Cindy then hollowed out the lid using a bowl gouge and then produced a

better finish using a negative rake detail scraper. The inside of the lid was drilled with a No22 drill to a depth of about 3mm (Figure 4) and this will then house a small jewel later in the process. To finish off the inside of the lid, Cindy reduced the speed of the lathe and used a negative rake scaper to give a better finish and then sanded using 400, 600 and 100 grit paper and then finished with Abranet mesh.

When it comes to finishes, Cindy uses Polywood for some woods but she generally uses Mylands cellulose sealant sealer (Figure 4), this will 'pop' the grain. She uses this as it keeps the wood a light colour; She used Krylon spray finish (Figure 5) and then finishes off with Hampshire Sheen High Gloss; buffing at 3000rpm.



Figure 5 – Krylon spray finish

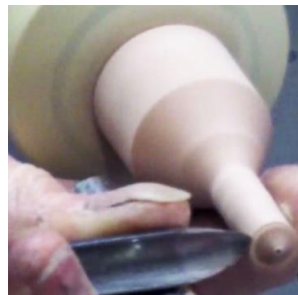


Figure 5 – starting the finial

For the finial, Cindy reduces the outside diameter using a negative rake scraper

Cindy's vote of inlay showed Amboyna burl at 65% and Walnut 35%.

Cindy pointed out that she is careful when choosing the wood for the inlay for example, she would not use a straight grained wood with an end grain inlay. She used a parting tool to square the end and then the negative rake scraper to get a better finish.

With the end flat, the square inlay was placed against the end with the tailstock in place to create a friction drive, positioned to ensure the 'fault' would not be part of the inlay (Figure 6). Cindy used a 1/8" parting tool to take the inlay to round and then then measured the inlay with vernier callipers and then scribed this onto the end piece(Figure 7 and 8).



Figure 6 – Inlay in place



Figure 7 – measuring the inlay

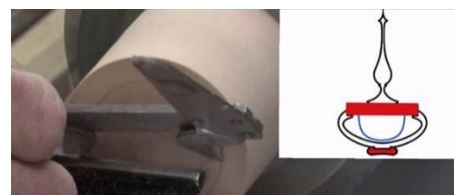


Figure 8 – marking the inlay

Cindy then used a 3/8" spindle gouge to make an indentation and then used the gouge to 'drill' a hole and remove some waste. She then used a special tool (Figure 14) with a negative rake to make a 1mm step at the approximate diameter of the inlay; she then tested the inlay and then repeatedly

until the inlay fitted into the hole. Cindy emphasised that the inlay should be able to be turned so that there is enough room for the glue. Once the right diameter is reached then the depth was increased. Cindy then used 'Titebond original' glue for the inlay and once inserted she brought up the tailstock (Figure 9 and 10).

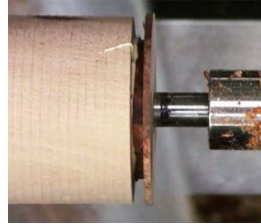


Figure 9 – Gluing the inlay in place Figure 10 – tailstock in place

She then reduced the inlay diameter and then used a bowl gouge, going from the main wood to the inlay at approx 45 degrees and repeated this until the main wood and inlay blended (Figure 11).



Figure 11 – Merging the box and inlay

Once complete, Cindy used a parting tool to remove the 'Amboyna foot'; this will be used to form the foot of the box base.

Cindy then used the callipers to measure the box top and then marked this on the inlay on the piece in the lathe (Figure 12). A parting tool was then used to reduce the side to the width and then a modified parting tool to fit the lid (Figure 13 and 14). Cindy emphasised that the lid needs to be tight enough to allow the finial to be made but not too tight that the finial may be damaged when removed. Once the lid is in place, the tailstock is brought up. Cindy then turned a 'handle' on the finial end to allow it to be removed easily (Figure 15).



Figure 12 – Marking top size Figure 13 – sizing the hole Figure 14 – modified 'special' tool

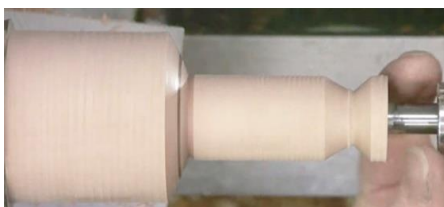


Figure 15 – the handle to aid removal

Break

During the break Cindy covered a bit more about her background and said she started IRDs in Dec 18 (prior to COVID) but once COVID happened then she did 3 per week but then reduced this to 1 per week as it was too much.

There was a question on the way Cindy uses the 'wing' of the gouge like a skew; she then explained that she uses a Thompson 'v' fluted bowl gouge with a 40 degree grind, which cuts easily and produces a good finish.

The 'boring' tool grind was that used by Stuart Batty.

Part 2

After the break Cindy sanded the top of the box with 2000 grit and then taped the top to the base. Cindy mentioned she has 4 rules when making finials.

The first is 'Don't use the tailstock'; this allows her to create a sharp tip which is much more difficult to do when the tailstock is in place.

She uses a 'thinner tool rest (Figure 16), set about ¼" below centre. This allows Cindy to check progress without having to constantly move the rest.



Figure 16 - thinner tool rest

Work with well supported material eg work from the 'tip of the finial to the chuck'; this means that bulk of the remaining wood is supporting the developing finial (Figure 17).

Cindy then sands as she goes along, at 300-500 rpm and uses 400, 600, 1000 grit 'Mirka' sand paper and then 'Abralon' 2000 and 4000 grit paper (Figure 18).



Figure 17 – the start of the finial Figure 18 - sanding as it progresses

As the finial becomes thinner, Cindy explained how she holds the gouge at the top of the hand and with the left hand with finger around the finial and the others on the tool (Figure 19); this is only possible because of the thin tool rest and would not be possible with a standard rest. This allows

equal and opposite forces to be placed on the finial. A view of the finial and inlay can be seen in Figure 20.



Figure 19 – Cindy's grip



Figure 20 – Finial and inlay

Cindy often uses black lacquer which is put on with the Lathe at 1000rpm.

In this demo she used Hampshire Sheen wax, put on with a paper towel.

The aim is to put a small bead on the inlay and Cindy used her 'pyramid' tool to cut a 'V' on each side of the inlay join line and then 'sand' a bead.

The bottom was then shaped, initially with the finial taped in place to judge the overall shape (Figure 21) and then finished with it removed (Figure 22)

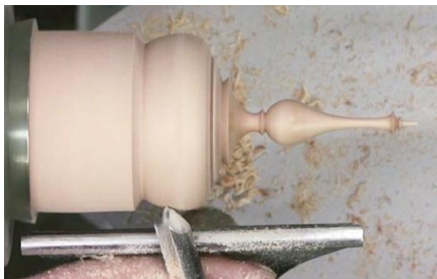


Figure 21 – shaping the bottom



Figure 22 – finished the bottom

Once done, the lid is removed and a little shaved off the body to make the lid fit looser.

Once the lid is off, the body is hollowed and once complete (Figure 23), Cindy uses a power drill with an oversized pad (1000 grid) and sands the inside of the bowl (Figure 24).



Figure 23 – hollowing tool
The piece is then parted off.



Figure 24 – Power sanding the inside

Cindy then used the remaining wood in the chuck with a slight taper to form a jam chuck (Figure 25). The body is then jammed on and the tailstock is brought up. The shape of the box is then finished.

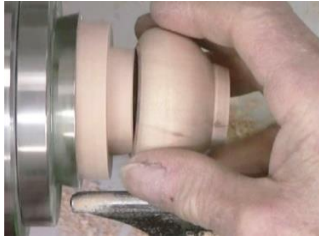


Figure 25 – jam chuck

Cindy's view of boxes, is that the 'form' of the box is more important than the wall thickness.

The bottom of the box was then reduced in thickness to allow the fitting of an 'Amboyna foot' made earlier as a jam fit/glue joint (Figure 26).



Figure 26 – foot fitted

The foot was then shaped with the 'vortex' tool and the foot has a slight concave bottom (Figure 27) and then sanded with 400, 600, 800, 1000 and 2000 grit.

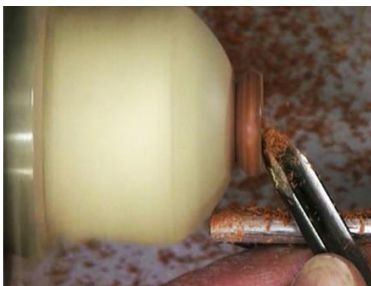


Figure 27 – concave bottom on foot

Cindy then used CA glue to seal the bottom and then used a Dremel engraver to sign the bottom. She then used a gold filler to enhance the engraving and sanded using 4000 grit.

To finish the work the 'diamond' jewel was glued into the inside of the finial top. The finished product is show in Figure 28.



Figure 28 – the finished box

The final part of the evening saw Cindy explaining her grinder and how she achieves the specific grinds of her tools (Figure 29 and 30).



Figure 29 – details of the CBN wheel Figure 30 – demonstration of grind method

April Gallery

April saw a somewhat disappointing entry (numerically that is) with just 13 items from 7 members for the first round of the new year of the Len Osborne Trophy. We all like to see the work of members and, in the absence of being able to touch it on the gallery table, this is the best we can manage. So, until we can all get together again, let's have a few more members making the effort to send Phil a picture.

To view the gallery items, just go to the website and they are on the opening page. <https://hants-woodturners-hwa.co.uk/>

So, that's it for now, keep yourself safe and get in that workshop and do some turning!

Best regards,

Pete Broadbent
Chairman, HWA