

# TURNOUT

THE OFFICIAL NEWSLETTER OF NORTHERN TURNERS INC.

**VOL 12 No. 01**

**January 2023**

*From your Editor:*

Grab a cup of tea, mug of coffee or glass of your preferred beverage and sit back, this will take a while.

I was also going to explain (apologise) why this has taken so long to come out 🤔

... but that doesn't matter. 😊

Thanks for everyone patients .

Cheers, Rob Williams 😎  
[i.am.batman.1959@gmail.com](mailto:i.am.batman.1959@gmail.com)

*“There are very few personal problems that cannot be solved through a suitable application of high explosives.”*

Scott Adams - creator of  
'Dilbert comics'

## Show & Tell – Jan.29 2023 courtesy of Dale Starr

Show & Tell was presented by Dave Wills.

- Peter Smith made a lidded box from mulberry, following the lost wood method from Art Liestman's recent demo.



- Tim Smeaton showed a wig stand (see Turnout for a tale of this adventure) as well as

a piece following on from the Liestman demo as well as a jarrah lidded box with finial from Ron Allen's demo on the 3<sup>rd</sup> Sat.

- Jeff Todd brought a lidded box with finial from Broughton willow.

- Ed Zahra had a spherical lidded box (from RA demo), a scarlet oak bowl and a red gum bowl with many voids.

- Trevor Green showed 2 blackwood candlesticks.

- Eric Burmeister brought a spherical lidded box (from RA demo, this one from walnut, including a walnut on the top.

- Dave Gilland also had a spherical lidded box.

- Rob Williams went one better, and had two spherical box from the RA demo (obviously a popular one)

- Peter Page showed a silky oak bowl made after a challenge from Tim Skilton, nothing that you could see light through the bottom, the result of losing and needing to return the foot.

- David Kleinig had a natural edged bowl from conkerberry and a lidded box using the Liestman lost wood method.



- Piera Della-Torre made a bowl from a coolabah burl (at least it may have been coolabah).

- Chris Deguet showed us two coloured rim tea lights, where the paint was applied on the lathe, using centrifugal force to push it to the edges.

- Terry Smith brought an essential oil flask.

- Dave Wills presented a letter holder, a lidded box with finial and a spherical lidded box from the RA demo.

The halo was presented to Tim Smeaton

**Robert Edge** gave a presentation on the sales over time from the Burnside exhibition with an excellent spreadsheet summation.

Unfortunately it was difficult to see on the details on the big screen so he has supplied the summation spreadsheet below.

### 29 Nov 2022–23 Dec 2022

All Day (12:00 AM - 12:00 AM ACDT)

29/11/2022–23/12/2022



DAY OF WEEK



TIME OF DAY



Sales

Product Sales \$12,500.00

### 3 Jan 2023–18 Jan 2023

All Day (12:00 AM - 12:00 AM ACDT)

03/01/2023–18/01/2023



DAY OF WEEK



TIME OF DAY



Sales

Product Sales \$2,475.00

Sales Detail			
Product Sales	\$14,975.00		
Returns	-\$50.00		
Discounts & Comps	\$0.00		
Net Sales	\$14,925.00		
Gift Card Sales	\$0.00		
Tax	\$0.00		
Gross Sales	\$14,925.00		
Tip	\$0.00		
Refunds by Amount	\$0.00		
Cash Rounding	\$0.00		
<b>Total</b>	<b>\$14,925.00</b>		
Payments			
Total Collected	\$14,925.00		
Fees	-\$262.91	Actually Paid	-\$243.90
			\$19.01 Returned
<b>Net Total</b>	<b>\$14,662.09</b>	<b>Actual Net Total</b>	<b>\$14,681.10</b>

#### Link box

From the website of Art Liestman. The first link is the PDF instructions for the demonstration Art did for our Zoom demonstration.

["Beyond Round: The Lost Wood Process" \(August 2012\)](#)

This is link to an article Art wrote about a multi-sided turning technique called "Therming".

["Beyond Round: Therming" \(April 2010\)](#)

#### Northern Turners Committee

President	Peter Smith
Vice President	Bill Elliott
Secretary	Dale Starr
Treasurer	David Kleinig
Assistant Treasurer	Vic Damato
Member	Guido Guidi
Member	Graham Reed
Member	Flora Rumbelow
Member	Tim Smeaton
Member	Nik Surikov
Member	Rob Williams

## Turned Wooden Wig Stand

(Or a comedy of errors!!)

Some months ago, a New Zealand turning club suggested that a good project for any wood-turning club would be to make wooden wig stands for women (and possibly men) who had undergone chemotherapy or radiotherapy for cancer. These stands would be much more attractive than the plastic or metal stands offered commercially. As a club, we discussed the idea but did not go ahead with it.

Unfortunately, a good friend had a nasty tumour and lost all her hair, so I made a wig stand with the wood I could find in my shed. I used pink gum (I think) for the base, olive for the stem, and pine for the domed top. Surprisingly, it turned out OK, with 16mm spigots on each end of the stem, and corresponding holes cut with a forstner bit in both the base and the top. I glued in the base with Aquadhere, but the top was a firm fit, so I did not glue it.



Our friend decided she would not bother with a wig, a turban scarf would suffice, but when we met another friend who had a wig, I gave her the stand and she was highly delighted to have it and sent the photo to the right. I didn't take a photo without a wig on it unfortunately.

Now, we come to the errors. My first was to mention to our editor that I was planning to write an article about a wig stand, and he, naturally, wanted pictures of the work in progress, and perhaps a video!! To keep him happy, I set to with my lathe and used a piece of blackwood to make a new base. As before, I made a spigot on one end,

set this end up in the chuck, and formed the bottom with another spigot set well into the base (this could remain in the finished product since it was inset). Reversing the piece, I then formed the shape with a 16mm hole in the centre for the stem cut with the Forstner bit. See pictures below:-



Next, I used a piece of old Oregon for the stem – not my first choice but I didn't have other timbers of suitable length – and cut it to a taper with a 16mm spigot on each end.



So far, so good.



Then I glued in the stem, and finished the tapered shape of the base to match the dimensions of the stem. I tried to centre the whole thing, but I was left with a bit of a wobble!! Hence the stem was not the ideal taper I had hoped for!

Next, I chose a piece of myrtle and with a spigot on each end, I put it in the chuck and



hollowed out the lower side of the top, leaving the middle section unfinished. I then reversed the piece and turned the mushroom shape of the top surface, thinking I could happily glue the whole thing together and finish the underside.



Alas, the best laid plans of mice and men (sorry Robbie Burns) – this error was that I had neglected to cut the hole of the spigot before removing the spigot on the piece. However, I thought I could use my drill press to cut the hole. That worked, but the hole was not vertical, but had a slight tilt to one side!! If only I had drilled it on the lathe while centred!!



Notwithstanding this error, I glued the top on to the stem (alas, another error) and held the piece in the lathe for the glue to set for an hour or so while I had lunch and a coffee. When I returned, I used a piece of leather on the top of the mushroom to protect the top and all seemed well except for a bit of a wobble in the piece because of the incorrect fitting of the top. Not deterred, I proceeded to gouge out the underside of the mushroom to match the top of the stem with a nice joint. Well, a catch and the whole thing went flying on to the floor of the

shed. Bummer! Yet another error.

I put it back on the lathe, and alas, with my poor technique, the piece went flying again, with a cut in the nice surface of the blackwood base, and a curved chunk out of the top of the mushroom. Damn! Still more errors.

Not wishing to harm the floor of my shed again, I managed to finish off the underside of the mushroom fairly well, and in order to make the top look presentable, I used my belt sander, with a bit of elbow grease, to





make the top presentable, though a scar remained from the curved chunk mentioned previously.

Anyway, the piece will have been seen by some of you at Show and Tell, and if you can learn by my errors, and know of anyone who could make use of a similar wig stand, go ahead and have a go. I suggest not gluing anything together until the project is pretty well complete, and make sure your 16mm spigots fit properly before proceeding further.

I know I have one satisfied customer, and I may ask the wig sellers in Adelaide Arcade if there is a real need for these projects.

Tim Smeaton

### **Your Northern Turners**

- *Seeking Excellence*
- *Encouraging Individualism*
- *Fostering Creativity*
- *Teaching Skills*
- *Providing Support*

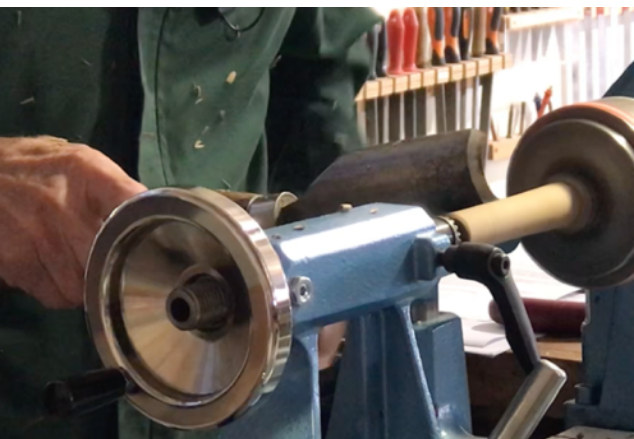
4th Saturday Demonstration - 28 Jan 23



Trevor Green gave an insightful demonstration on the process and techniques of finial making. He has also supplied a copy of the spreadsheet he referred to during the demonstration for use by members.

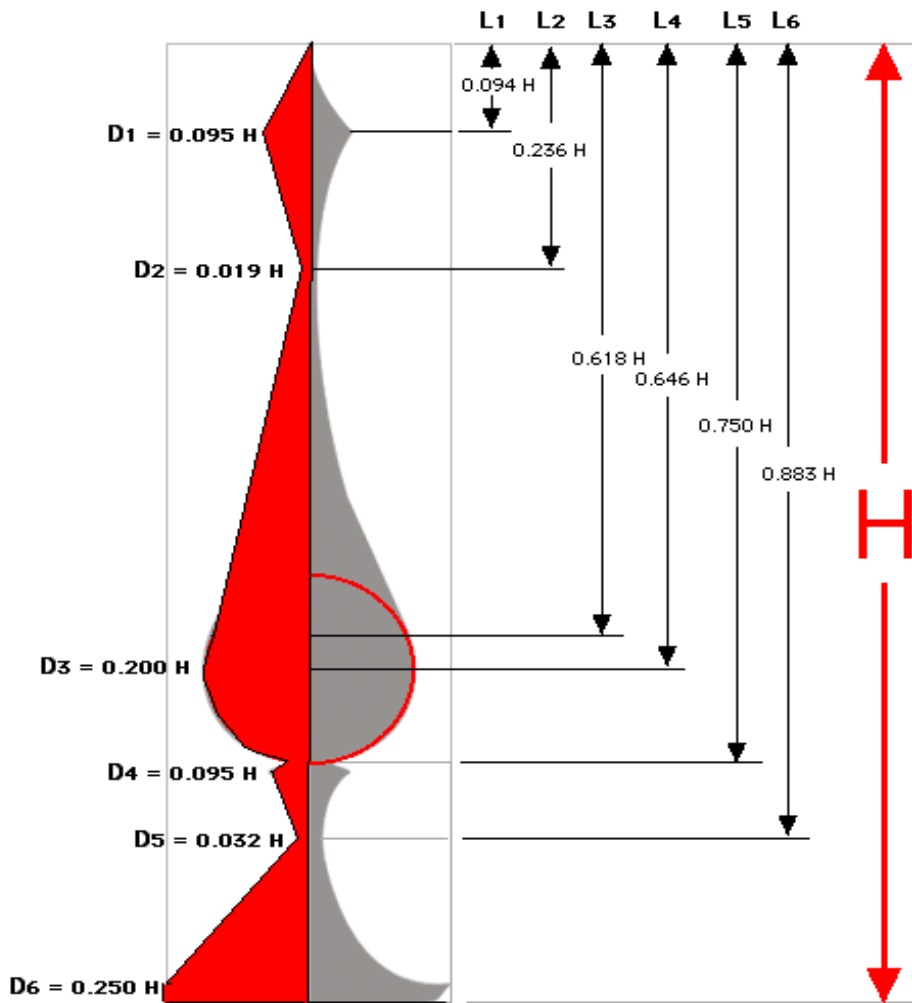
*On a personal note Trevor showed deft use of possibly the biggest spindle roughing gouge I've ever seen.*

*Rob W*



## Equations for calculating DISTANCES TO CONTROL POINTS and CRITICAL DIAMETERS, given the Final Height H

Once you know the Height (H) of the Onion Finial you want to turn, you can calculate the six distances for its **Control Points** and the six **Critical Diameters** using the equations shown in the diagram below. And since you have the equations – and this diagram – you can create a spreadsheet that will do all the calculations for you and let you print out the results needed to layout your finial. Then print the diagram, pencil on the values calculated and head for the shop.



Height (H) in millimeters								
	60	DIAM	80	DIAM	100	DIAM	120	DIAM
L1	5.6	5.7	7.5	7.6	9.4	9.5	11.3	11.4
L2	14.2	1.2	18.9	1.5	23.6	1.9	28.3	2.3
L3	37		48.8		61		73.2	
L4	39	12	51.7	16	64.6	20	77.5	24
L5	45	5.7	60	7.6	75	9.5	90	11.4
L6	53	2	78.5	2.6	88.3	3.2	106	3.8
H	60		80	20	100	25	120	30

### 3rd Saturday - Surprise Project - 21 Jan 23

Ron Allen challenged members to bring along a piece of wood, their tools and a small packet of courage.



He actually suggested some Dutch courage but after a few of us light weights followed that advice we had to forgo the exercise and try and arrange a lift home.

🙄 😄 (joking 🙄 no alcohol was consumed)

He then turn a lidded spherical vessel. The challenge was to have the base and lid form a sphere.



The other dimensions, the base and finial, needed to be as “pleasingly” proportioned as possible. Ron also said that an egg shaped vessel was an alternative shape.

