

TRENT VALLEY WOODTURNERS



WOODWORD







Demonstrations	Competitions	& Much More
Philip Greenwood	Genie Vase	
Peter Tree		
Ian Ethell		

Winter 2017 Issue 93

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A MESSAGE FROM THE EDITOR

I'm still hoping that some of you may find time to let me know about something that you'd like to see included in the Spring edition of the magazine, or have something that you'd like to buy or sell for our Classified Ads section

But in any case may I wish a very Happy Christmas and a prosperous New Year to all our readers, and hope that you find a bit more time at the lathe than many of us managed during 2017.

E

Happy Turning

Rill Percival

EVENING CLASSES - SPRING 2018

TUESDAY 7pm to 9pm	WEDNESDAY 7pm to 9pm	FRIDAY 9am to noon	
January 16 th	January 17 th	January 19 th	
January 23 rd	January 24 th	January 26 th	
January 30 th	January 31st	February 2 nd	
February 6 th	February 7 th	February 9 th	
	Monthly Club Meeting	February 16 th	
February 20 th	February 21st	February 23 rd	
February 27 th			
March 6 th	March 7 th	March 9 th	
	Monthly Club Meeting		
March 20 th	March 21st		
TUTORS	<u>TUTORS</u>	TUTORS	
Ian Ethell	Ian Ethell John Spray		
John Hughes	Bill Turnbull	Colin Oakhill	
David Routledge	Ben Wild	Vild Jim Preece	
	Martin Stenlake	Alex Mitchell	

Dates for your Diary 2018

(HO - Hands on DAY, HO - Hands on EVENING, OH - Open House)

						,
Mon	1					
Tues	2				1 HO 10-4pm	
Wed	3				2	
Thurs	4	1 HO 6-9pm	1 HO 6-9pm		3 HO 6-9pm	
Fri	5	2	2		4	1
Sat	6	3	3		5	2
Sun	7	4	4	1	6	3
Mon	8	5	5	2	7	4
Tues	9	6 HO 10-4pm	6 HO 10-4pm	3 HO 10-4pm	8	5 HO 10-4pm
Wed	10 Meeting 6,30pm	7	7	4	9 Meeting 6.30pm	6
Thurs	11	8	8	5 HO 6-9pm	10	7 HO 6-9pm
Fri	12	9	9	6	11	8
Sat	13 HO 9-3,30pm	10	10	7	12 HO 9-3.30pm	9
Sun	14	11	11	8	13	10
Mon	15	12	12	9	14	11
Tues	16	13	13	10	15	12
Wed	17 OH 1,30-4,30pm	14 Meeting 6,30pm	14Mtg/AGM 6.30pm	11 Meeting 6,30pm	16 OH 1.30-4.30pm	13 Meeting 6,30 pm
Thurs	18 HO 6-9pm	15 HO 6-9pm	15 HO 6-9pm	12	17 HO 6-9pm	14
Fri	19	16	16	13	18	15
Sat	20	17 HO 9- 3,30pm	17 HO 9-3,30pm	14 HO 9-3,30pm	19	16 HO 9-3,30pm
Sun	21	18	18	15	20	17
Mon	22	19	19	16	21	18
Tues	23	20	20	17	22	19
Wed	24	21 OH 1,30-4,30pm	21 OH 1.30-4.30pm	18 OH 1,30-4,30pm	23	20 OH 1,30-4,30pm
Thurs	25 HO 9-3.30pm	22 HO 9-3,30pm	22	19 HO 6-9pm	24	21 HO 6-9pm
Fri	26	23	23	20	25	22
Sat	27	24	24	21	26	23
Sun	28	25	25	22	27	24
Mon	29	26	26	23	28	25
Tues	30	27	27	24	29	26
Wed	31	28	28	25	30	27
Thurs			29 HO 9-3.30pm	26 HO 9-3,30pm	31 HO 9-3.30pm	28 HO 9-3,30pm
Fri			30	27	· ·	29
Sat			31	28		30
Sun				29		
Mon				30		

Dates for your Diary 2018

(HO - Hands on DAY, HO - Hands on EVENING, OH - Open House)

	July	August	September	October	November	December
Mon	July	Augusi	Jeprember:	OCTOBEL	INOVERTIBET:	December.
Tues				1		
Wed		1		2 HO 10-4pm		
Thurs		2 HO 6-9pm		2 HO 10-4pm		
Fri		3		4 HO 6-9pm	1 HO 6-9pm	
Sat		4		4 HO 6-9pm 5	2 1 HO 6-9pm	
Sun	1	5	1	6	3	1
Mon	2	6	2	7	4	2
Tues	3 HO 10-4pm	7 HO 10-4pm	3	8	5	3
Wed	3 HO 10-4pm	8 Meeting 6,30 pm	4 HO 10-4pm	9	6 HO 10-4pm	4 HO 10-4pm
Thurs	5 HO 6-9pm	9 Meeting 6.30 pm	4 HO 10-4pm	10 Meeting 6,30 pm	7 7 10-4pm	4 HO 10-4pm
		10	-	10 Meeting 6,30 pm		-
Fri	6		6 HO 6-9pm	11	8	6 HO 6-9pm
Sat	7	11 HO 9-3,30pm	7		9	-
Sun	8	12	8	13 HO 9-3,30 pm	10	8
Mon	9	13	9	14	11	9
Tues	10	14	10	15	12	10
Wed	11 Meeting 6.30 pm	15 OH 1,30-4,30pm	11	16	13	11
Thurs	12	16 HO 6-9pm	12 Meeting 6.30pm	17 OH 1,30-4,30pm	14 Meeting 6,30pm	12 SOCIAL 6.30pm
Fri	13	17	13	18 HO 6-9pm	15 HO 6-9pm	13
Sat	14 HO 9-3.30pm	18	14	19	16	14
Sun	15	19	15 HO 9-3,30pm	20	17 HO 9-3.30pm	15 HO 9-3,30pm
Mon	16	20	16	21	18	16
Tues	17	21	17	22	19	17
Wed	18 OH 1,30-4,30pm	22	18	23	20	18
Thurs	19 HO 6-9pm	23	19 OH 1.30-4.30pm	24	21 OH 1,30-4,30pm	19
Fri	20	24	20 HO 6-9pm	25 HO 9-3.30pm	22	20
Sat	21	25	21	26	23	21
Sun	22	26	22	27	24	22
Mon	23	27	23	28	25	23
Tues	24	28	24	29	26	24
Wed	25	29	25	30	27	25
Thurs	26 HO 9-3,30 pm	30 HO 9-3,30pm	26	31	28	26
Fri	27	31	27 HO 9-3,30pm		29 HO 9-3.30 pm	27
Sat	28		28		30	28
Sun	29		29			29
Mon	30		30			30
Tues	31					31

Club Nights 2018

DATE	DEMONSTRATOR			
Jan 10th	Martin Pidgen			
Feb 14th	Stan Bryan			
March 14th	AGM			
April 11th	Mick Hanbury			
May 9th	Robert Till			
May 26th	Emma Cook (10-4 all day Sat)			
June 13th	Richard Findley			
July 11th	Paul Jones			
August 8th	Joey Richardson			
September 1st	Mick Hanbury (10-4 all day Sat)			
September 12th	Gerry Marlow			
October 10th	Mick Waldron (talk on woods and bringing wood to purchase)			
November 14th	"last chance"			
December 12th	Xmas social			

FORTHCOMING EVENTS

None notified

DEMONSTRATIONS FURTHER AFIELD

Both of the following demonstrations can be booked from the AWGB website: www.awgb.co.uk

Saturday $17^{\rm th}$ Feb 2018 - Mark Hancock - Intermediate/Advanced Techniques of Hollowing a Closed Form

Sunday 25th Feb 2018 - Andrew Hall - Beginners Back to Basics



n Ho **Double Dutch**

Ian Hovens & Ronald Kanne



Saturday & Sunday June 3rd & 4th 2017 at The ToolPost 10h00 - 16h00 daily

We are proud to welcome back two of Europe's top turners, both hailing from the Netherlands. Ian will amaze you with the intricacies of his delicate threaded boxes - even inside an acorn - whilst Ronald represents the muscle' with his big bowl turning. Enjoy the informal setting of our Didcot shop and the opportunity to get 'up close and personal' with these highly skilled and fascinating demonstrators. Meet representatives from key suppliers, ready to answer your questions and demonstrate solutions.

Also featuring:-

Simon Clements, woodcarver, wood artist and wood sculptor Bert Butterfield - pyrographer and woodturner Les Thorne - woodturner, courtesy of Brimarc

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CuBoroN



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October 2017 - COMPETITION RESULT Genie Vase





Here's a view of all the entries for this competition













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Philip Greenwood Demonstration Evening 13-September-2017



Philip has been a woodturner since 1986 and is based near York from where he makes his living turning and running 1:1 courses.

His demonstration for us was the turning and construction of a 3 part ear-ring stand (base, spindle and top). The design of the piece requires 12 or 24 (better) equally spaced holes to be drilled around the edge; the wood used is not important, but must be bone dry to reduce the possibility of the top splitting when holes are being drilled very close to the edge.



Since many of us don't have lathes with a built-in indexing facility, Philip demonstrated how to make a home-made indexing system comprising three pieces (see pictures) ...



- Part 1 is a circle of hardboard with the external diameter being large enough to allow a ring of holes to be drilled at the same diameter as required in the ear-ring stand. 24 holes are marked out using a protractor (15 degrees apart) and drilled, then a centre hole is drilled in the hardboard at the same diameter as the lathe spindle. This ring is mounted behind the chuck when the drilling is to be done.
- Part 2 is a block of wood that can be clamped to the lathe bed. This block has a
 piece of metal (eg. from a coat hanger) mounted near one end with a 90 degree
 bend at the top. The bent end of the metal spike is the same diameter as the 24
 holes in the hardboard circle.
- Part 3 is a simple spindle sized to fit in the tool rest with a hole drilled at the top at the centre height of the chuck. This allows a drill bit to pass through and encounter the work piece accurately at the centre height.

The top piece was mounted on a screw chuck with a packing piece to ensure the screw didn't go too deep into the wood. Philip turned the top piece round using a 50 degree bowl gouge, starting his cut on the wood (ie working from wood to edge). He starts with the handle down, touches the bevel to the wood and raises the handle gently until it starts cutting.

Once round, the face was then trued up (this will be the top face) leaving a spigot to be used for mounting for working on the underside of the top. The piece was then turned and mounted on the newly created spigot, the edge re-trued and another spigot cut to enable working on the top face. Next, the underside was shaped using the bowl gouge and a curved scraper used very slowly/gently to get a nice finish.

The chuck (with work still attached) was removed to allow the indexing ring to be fitted and then clamped in place by the chuck being replaced. Now 24 holes could be drilled using the 3 part indexing system (Philip only drilled about 3 holes rather than bore us by drilling all of them!). The holes do not have to be drilled all the way through, reducing the risk of tearing and splitting on the top surface, but must be drilled around 8mm deep so that they will be exposed when the top surface is turned down

With all the holes drilled, the underside of the top could be finished taking care not to sand the dovetail on the spigot to ensure that it remained circular – side grain sands faster than end grain which leads to a circle becoming very slightly oval. Philip used Yorkshire Grit (a mixture of wax and pumice stone) to achieve a great finish in one go.

The work piece was once again turned around (the indexing ring can now be removed) and mounted on the underside dovetailed spigot, held just tight enough to hold the piece without crushing the spigot. The flange (edge of the piece) was turned down to a thickness of about 6mm, exposing all the holes around the edge, and then the top spigot was carefully shaped rather than removed, remembering that the 8mm screw chuck hole is just underneath. The top surface was then dished to remove some wood so that the finished article isn't too top-heavy and additionally providing a space for stud ear-rings to be kept! The top surface was finished in the same way as the underside using a scraper followed by sanding and Yorkshire Grit or Carnauba Wax and a polishing mop.

The next piece to be turned was the base which was to be a smaller diameter but

thicker. The face was trued up and a recessed chucking point was added, taking care to sand from the middle outwards to avoid wearing away the edge of the chucking recess. The base was then reversed and shaped, always turning away from the finished edge towards the middle to avoid splinter damage to the good face. Some detail was added using the point of a skew chisel and the top of the base was dished, again providing additional storage for stud ear-rings.



The final piece of the construction was the spindle, turned to a cylinder from a 1" (25mm) blank held using a small steb centre. Philip demonstrated the way to use a skew chisel for this task, setting the tool rest to just below the centre line which lifts

the leading edge of the skew above the work piece allowing just the bottom 2/3 of the blade to touch the wood and working right to left (for right handers).

The spindle would need an 8mm spigot at each end to fit into the holes left from the screw chuck, but these were not turned down to 8mm right away to avoid the risk of spilting. The spindle was shaped starting at the tail stock end as there is more vibration at that end, so leaving the chuck end thicker provides more support and hence less vibration and play. The design included a bead turned at each end, achieved by starting with the gouge flute at 12 o'clock and gently raising the handle and rolling the flute to 3 o'clock or 9 o'clock as appropriate.

Finally the spigots were turned carefully down to 8mm such that they made a soft fit in the top & base screw chuck holes (not too loose and not too tight) such that the glue would remain in the hole rather than being forced out. Before gluing the assembly together, ensure that the top and base grain are aligned – it looks better that way.





As a 10 minute finishing show, Philip turned a ring holder from a small scrap piece of wood by shaping a base and turning down a decorative finial, making a nice companion piece for the ear-ring holder.









Nick Agar SIGNATURE







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Peter Tree Demonstration Evening 11-Oct-2017



Peter comes from Sleaford where he has been a chair maker for about 35 years. He is clearly a multi-talented individual, carrying out all aspects of his work himself; making his own tools, felling, seasoning and bending the timber, turning, assembling and carving the finished chairs.

He brought one of his chairs for us to see; a typical example of his work which would take him about 3 days effort to make and which he would sell for £495.

For his demonstration for us Peter was making a kitchen stool. In order to complete the project in the time available Peter pre-prepared the component parts:-

- an 11 inch diameter circular ash blank about 1 inch deep, drilled with 4 holes to accept the less
- 4 octagonal section beech spindles for the legs, each drilled with a hole to accept the cross brace pieces
- 1 octagonal section beech spindle for the main cross brace, drilled through to accept the smaller cross brace
- 2 square section beech spindles for the smaller cross brace. Only one was needed, but since its eventual turned diameter is critical to the construction, a second piece was brought just in case!



Each of the leg spindles was turned between centres until the flats from the original section had disappeared leaving a cylinder which then was turned down to the required shape by eye using a very aged (and short) roughing gouge then shear cut with a skew to produce an excellent smooth surface. Next Peter added a simple 3 ring decoration; he used a flat scrap piece of wood which he marked with the desired position of the rings so that they were cut in exactly the

same place on each leg. It was noticed that Peter made all the left hand cuts first then all the right hand cuts (initially with a spindle gouge and then with a skew) rather than completing one ring at a time. Apparently the style of decoration used historically was specific to the area where the chair was made, the 3 ring style was representative of

the Thames Valley turners, so once you know your decorations you can tell what region the chair came from.

To ensure that all the spigots required for joining pieces together are the same size, Peter uses the same parting tool cutting the spigot two and a half widths of the tool.

Then, rather than using callipers to get the spigot diameter correct Peter uses a home-made multi-cut template made from old saw blades (this material gives excellent rigidity to the template). Once the spigot has been turned nearly to size, Peter applies the template which cuts into the work piece leaving a burnt line that he can then turn the whole spigot down to to achieve the correct diameter.



The cross braces were then turned to shape and spigots added at each end in the same way as for the legs. The smaller cross brace was turned to the diameter of the hole in the larger cross brace, again using the multi-cut template; this was the bit where he needed to be careful – too large and it wouldn't go through the hole, but too small and it would rattle around and not provide the required support. If he had had more time, Peter would have drilled through the centre of the two cross braces and fixed them with a glued dowel in the hole.

Finally the seat blank was mounted on a face plate, the side trued and the face slightly dished to make the seat more comfortable. The top edge was rounded/rolled over, two simple rings added to the side for decoration and the bottom edge slightly bevelled. If he had had more time, Peter would have turned a number of small conical plugs which would have been glued and hammered into the screw holes left from the face plate then sanded flush with the base of the seat.



Finally with the help of his trusty home-made mallet the cross pieces were joined to the 4 legs and the seat added, resulting in a very attractive simple stool created from scratch in less than two hours.





TRENT VALLEY TRADING

Lots of woodturning accessories are available to purchase at discounted prices from the shop. The list and price of equipment is available on request. Typical items include, clock inserts, polishes, super glue, wood etc

Also available is a range of clothing adorned with the TVWT club logo.

In addition to the above there is a library of books and DVDs which are available for hire at £1 per week. All proceeds going to the Club Funds.

PHOTOGRAPHS

High definition photographs in this publication or on Club website are available for digital download free of charge.

Photographs are sent via email in JPEG format which can be processed at most high street shops with printing facilities i.e. Asda, Boots etc.

Anyone wanting photograph files should email bill.percival@hotmail.co.uk

TVWT WEBSITE

The Club's Website address is http://www.trentvalleywoodturners.co.uk

Members are advised to look at the Website on a regular basis for any special or breaking news items.

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Ian Ethell Demonstration Evening 8-November-2017



This month's demonstrator was our own club member Ian Ethell who offered his services for 'Last Chance Night' to demonstrate how to complete this year's Chairman's Challenge – a turned elephant! Ian knows that many people are reluctant to use skew chisels and eccentric centre turning, so his



demonstration would feature both to encourage other members to give them a go. The detailed dimensions for the project have now been sent to all the club members, so this report will mainly feature the advice Ian offered as he worked his way through the demonstration

As you can see from the picture the elephant's front is flat, so the initial square block has to be mounted off-centre so that it can be turned round and shaped on 3 sides only, resulting in a turned D shape. The holes for the feet had been pre-drilled when the block was square (much easier!) The only critical measurement that has to be got right is the neck spigot which must be the same diameter as the hole to be drilled in the head later on (Ian used 18mm).

The body profile was marked on the rounded block by holding the full scale working drawing against the piece and marking the lines on the wood to give the key points of the outline where parting tool cuts to the appropriate depths were made and then the uncut areas were turned down to give a smooth blended curve. The bottom edge is turned over and the base slightly undercut to allow the elephant to sit nicely.



The finishing cut is done with the skew with the tool rest set high allowing very gentle cuts with the skew, avoiding contact with the long point of the tool.

Moving on to the head, Ian had pre-drilled the trunk hole when the block was square.



Once the head block had been turned cylindrical, as for the body, the head profile was transferred to the cylinder, parting tool cuts made and the waste cut away to give the required blended curve.





The holes for the ear spigots are drilled (8mm) on opposite sides of the widest part of the head with the chuck locked in place and the tool rest used as a guide for the drill bit. The hole for the neck spigot (18mm) is drilled at approximately 55 degrees to the horizontal so that the head points downwards at a pleasing angle. If the hole is drilled slightly away from midway between the ear holes the head will sit at a bit of an angle giving the elephant a slightly quizzical look.



The ears are dished and can be turned front first or back first, so Ian did one of each using his spindle gouge with an extra grind on the back to eliminate unwanted contact when dishing. Turning the back of the ear first is probably easier, but having shaped the back and cut the spigot it has to be held in a pin chuck or a small jam chuck to turn/dish the front. Once turned each ear is cut on the bandsaw (if you have one) or by hand, aligning the cut with the grain of the wood.

The foot block is turned down to a foot diameter cylinder (no, not 12 inches) and marked up to give the 4 feet and spigots. Then the feet can be simply spindle turned between centres, or for a bit of a challenge the bottom (rear) feet can be turned so that they point up a little. This is achieved by mounting the foot block eccentrically on 6mm opposite diagonals. Then once your eyes have got used to the strange movement the two middle spigots can be turned down to 8mm; then the block is remounted on natural centres and all other cuts made.

Finally the tail is turned, providing gentle finger support as it is a delicate piece. Once turned, measure the diameter of the tail shaft and with a matching size drill bit, drill the back of the body to accept the tail.





The finishing touch is provided by a little pyrography (or fine marker pen if you don't have a pyrography kit) to add eyes, toenails and trunk creases to produce your perfect elephant ...



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Your Committee 2017



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Ian Ethell



Derek Henderson



Stephen Watson



Colin Oakhill (co-opted -May2017)



Communications Webmaster Ben Wild

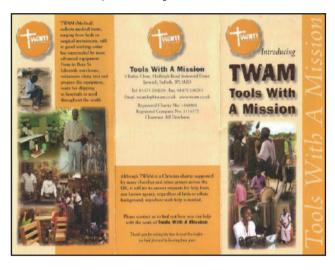


Editor Bill Percival

CLASSIFIED ADS

Items Wanted

If you have any unwanted tools in the back of your workshop, garage or shed then why not give them a new lease of life by donating them to TWAM (Tools With A Mission) for use in the third world. Tools don't necessarily have to be in good condition as they will be refurbished by TWAM. Anyone with any items should contact Vic Taft who will be pleased to arrange collection.



Peter Stowe - stowep737@gmail.com - 01332834283

Hi, I have a Record CL1-36 (1998) in excellent condition,I wonder if it would be useful for someone in your club who would like to make a reasonable donation to the Air Ambulance in exchange ,I am a pensioner and unable to use any longer due to arthritis, also available chucks and chisels for a fair price to be negotiated.

If any Companies are interested in placing advertisements in this magazine then they should contact the Treasurer.

Contact details are shown on the Club Website.

trentvalleywoodturners.co.uk



TRENT VALLEY WOODTURNERS

(Next to) Kegworth Village Hall Kegworth Leicestershire DE74 2FH













