# BY HAND & EYE

The official newsletter of the Sydney Woodturners Guild Inc.

January 2013

Close off dates for articles for March B H & E will be Friday 11th March 2013

**Edited by Scott Rollo** 

# **NEWSFLASH!!!**



A Modern day Masterpiece!!!
Software for the Modern Turner

VALE - Simon Priem

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\*\*Views expressed by contributors are not necessarily those of the guild\*\*

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## Presidents Report - Hasso Constantin

Hello Fellow Guild Members,

As the newly elected President of the Guild I expect many of you would like to know a little about me.

I am Hasso Constantin, I am or was the Bankstown Guild representative until my recent election as President. I have held that role since 2008. I started with the Bankstown region in 2007. I do not class myself as a good woodtumer but I try, and I am an impatient turner (I want to finish the job NOW).

I am proud to be the President for the next year and I hope I can emulate the good work carried out by Warren Rankin and the other previous Presidents. The Guild exists because of YOU and is for YOU.

The new executive of the Guild will strive to provide the services, guidance or direction you the members want. I have been hesitant in the past to offer myself as a candidate for one of the executive positions as I still work full time and I felt that (and still do) that to do the job well I must devote lots of time. I will do my best to meet these standards.

As you can see there are already some little changes to our modus operandi, that being we now have a generic email address for all correspondence with the Guild as well as a new email address for By Hand & Eye (see next edition for details). These changes mean that no matter who is in the position, the information can be accessed by the person/s who has/have that responsibility.

In closing, I and the rest of the Guild executive will endeavour to do what you want and what is best for the longevity of the Guild.

Stay safe & well.

Hasso Constantin, President Sydney Wooturners Guild Inc.

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## Editorial Comment - Scott Rollo

We begin the year with a substantial change in the makeup of the executive roles on the committee of the guild. After many, many years of dedicated service as Guild secretary Chris Dunn has called it a day with work needing more of Chris's time than he could give to the role and has stepped down from his role. He has been replaced as the Guild Secretary by David King from Bankstown who is very keen on his appointment and hopes to see the guild from strength to strength.

On behalf of myself, the current and former members of the guild executive committee I would like to sincerely thank Chris for all of his hard work and endeavors over the past Six or Seven years. It is very hard to quantify just how much Chris personally did. I can tell you all that Chris almost singlehandedly organized the Timber and working with wood shows and the Easter show setups over the past Three or Four years. Personally I would like to thank Chris for all of his support as the Editor of the By Hand and Eye over the four years I have been doing this role. He was a good ear when I needed to vent.....

The other major change to the Guild committee was perhaps the most important role - that of the President. Warren Rankin jumped into the breach several years ago when NO ONE wanted the job and did an admirable job for Two years - especially given that without a President role we would not meet incorporation rules i.e we'd be screwed!!! So with Warren stepping down after two years (but still staying on as Public Officer AND the Education officer - a massive overachiever is our Warren!!!) we have a new El Presidente!!! Bankstown is THE place, because the new president is also from there and is Hasso Constantin. Hasso is a man with ideas and drive and I think will be a great asset in the top job. We look forward to his leadership.

On behalf of the current and former committee members of the Guild Committee I would like to say a big thank to Warren for his dedication and hard work over the past two years (specifically these past Two years as Warren has been contributing to the Guild for the majority of his turning life!)

So, if and when you see Chris Dunn and Warren Rankin around the traps this year, be sure to give them a hearty "well done Bloke!" We need people like this with this level of commitment to ensure the ongoing success of the Guild.

Join with me in wishing the best of luck and good fortune to Hasso and David in their new roles on the Guild Committee. I am confident these two will absolutely smash it out of the park this year.

From this edition of the By Hand and Eye we will run a buy/swap/sell pages to facilitate moving of gear from turners to turners and especially from old turners to new turners just experiencing woodturning. So get anything you're keen to move in to me - but let's keep the pricing realistic and attainable.

From today I will be transitioning the email contact for the Guild newsletter from the old address to a new address: <a href="mailto:byhandandeye@gmail.com">byhandandeye@gmail.com</a> The old <a href="mailto:guildnewsletter@exemail.com.au">guildnewsletter@exemail.com.au</a> will still work for a few months but please use the new address from this issue.

There are hundreds of different bobbin shapes, still used in a great number of different applications around the world. The real difference these days is that the bobbins are now mainly made of plastic, where for centuries they were made exclusively of wood.

Stott Park Bobbin Mill was originally built in 1835and worked continuously until 1971. The mill is still a "working museum", and is located near Lake Windermere in the Lakes District. It is scarcely different today, than when it was built.

The mill is maintained in working order by English Heritage, and is open to the public for tours staffed by volunteers, some of whom used to actually work in the mill as boys.

The types of wood used for the various products at Stott Park are Birch for bobbins, Ash for handles, and Sycamore and imported Hickory was used for handles of all descriptions such as picks, shovels, axes, hammers, mallets, files, bill-hooks, milk cans and the like. The mill also produced rollers, dowels and pulleys.

To provide the type of wood required for the copious amounts of bobbins needed in the Lancashire and Yorkshire textile mills, the method known as "coppicing" was used to grow and cut the various timbers used. Coppicing is the cutting of trees to create the growth of many trunks instead of just one, and this provides many straight stems from each stump. Each stem can be harvested when it reaches the required diameter, and each stem on a coppiced stump grows very straight, which makes them ideal for turning. Birch and Ash were the most commonly coppieed trees.

This mill was originally powered by a water wheel. The wheel drove the line-shafting in the mill, but was eventually superceded by a steam engine which has now been replaced by electric motors.

These machines drove the overhead belts continuously, and individual machines were stopped and started by a system of sliding pulleys overhead. The rumbling of the overhead line-shaft and the frantic flapping of ever moving flat wide belts that slant diagonally across the mill, certainly leaves a lasting impression of how things have changed in this day of OH&S, and other safety regulations!

We should not be too critical of our modern day OH&S, etc, as we no longer have to tolerate the conditions the workers in these mills endured, such as child labour, long hours, dangerous and dusty conditions, unguarded machinery, along with damage to limbs and respiratory systems, as well as very low pay.

I hope the accompanying photos give some impressions of what life was like in a bobbin mill in 19<sup>th</sup> Century Yorkshire (and a lot of other places).





# Stott Park Bobbin Mill Yorkshire Doug Midgley Page 5





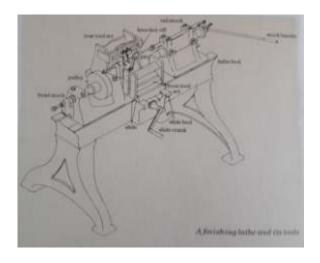












## Philip Mcleod Page 6

I am the Region Representative to the Guild Meeting for Eastern Region. Last night as usual I attended the meeting in Sydney. During the meeting there was some discussion about trying to get more members to exhibit their work, particularly at the Royal Easter Show.

"I made the comment that perhaps people do not exhibit their work because they know where all the faults are, we are our own worst critics". Another comment that was made was, "That people who judge items only look for the positives. It is only when they have two almost identical items and are trying to decide which is better that they start to look for the errors".

This started me thinking about my own turning, and why I have not exhibited items. I am not a great turner, I do not have the patience to spend hours working out types of timbers to use for a job, then drawing it up, turning it, then spending hours finishing it. However that is not to say that I am not happy with the items I make, quite the opposite, I am also proud of what I make. So why have I never exhibited some of my items?

I am my own worst critic! I do not feel that my work is as good as someone else's, I know where all the mistakes are, even if others cannot see them. I feel that other turners are more creative and cleverer than me.

Of course, logically I know this is not true, they make mistakes too, but it does not stop me feeling this way. So, what to do about it?

Firstly, I am going to be a little gentler on myself. I am not going to lower my standards, but I am going to look at the positives in the items I make. I am going to try to disguise the mistakes a little better and not dwell on the errors, they will not be apparent to others.

Secondly I will listen to people who give constructive advice, "Nice piece, did you think about trying this way, or using this technique, or finish".

Thirdly, I will ignore people who only criticize, they are not worth listening to and lower your spirit. They have other problems in their own lives.

Fourthly, if I really do a bad job, I have a friend with a wood fired BBQ, no one need ever know I made that big a mistake.

As I have sat here typing this out it occurs to me that while this is about woodturning, it is also about my own life. I think I am going to apply some of this to my life, I hope you will too.

LASTLY: Am I going to exhibit something in the future? YOU BET! I have to finish a large production run of Scout Woggles, first. Once that is completed I have something in mind to start on.

So keep turning, and as one of my favourite TV characters would say, "Live long and Prosper".

Some of you might have already read the lathe restore that I submitted to By Hand and Eye and the reason for restoring the lathe was to try my hand at turning. I might have gone about it a slightly different way as most new turners do.

But I do not think I am any different to most people as when I first experienced wood turner it was at high school. The subject was called industrial studies and this covered metal and wood at various times of the year. As this is such a long time ago the memory might be a little fudged by I think you get the idea.

As most students at school we were completing various projects and the one and only project that I recall for the wood lathe was to turn a bowl. We had to glue up several square pieces into a block, not knowing the terminology at the time, but ultimately a lamented piece.

The bowl that I created was not very deep as I was overly tightening it in the chuck with an expanding jaws. It was under the teacher instruction that I should not continue turning as it might come off the lathe. The result ultimately, the bowl was not very deep and you can guess the discussion I had with the teacher afterwards on why I was marked so low. My reply was convincing and I got a few more marks, if only this can be done in real life and be able to talk your way out of anything.

So that was the experience of the one and only bowl, turned on the wood lathe. Now moving forward 25 years later to almost the present time but still about a year and a half ago when I completed the lathe restore.

As I was not yet a member of the guild my research was from your local library, books and videos and also from the internet. Sometimes you get different view points on how to make a cut to a piece of wood. Some times you get opposite view points and this is when you step back and think of what will happen. Sometimes you have to learn from your mistakes but the saying that I found interesting is learn from other peoples mistakes.

I had recently acquired a new drive spur, live center and face shield what I was going to do was try turning between centers. I also managed to get hold of some turning chisels, one large roughing gouge, one small roughing gouge, skew chisel and a scraper with a pointed end.

The very first piece that I put onto the lathe I just made it round with the large roughing gouge and practiced with the scraper and smaller roughing gouge. The skew I did not try as I was not sure how to use it. While the lathe was off I picked it up several time to see how this would be used but mainly just used the other three chisels to practice with.

One piece of advise I strongly agree with is when you start turning you need to practice and that is what I did. The very first item that I made was a snowman and that was easy after you get a feel for the tools. It was left unfinished as this was just practice and so the second snowman that I tried turned out to be very skinny. His head was just way too thin and the hat was like a Mexican sombrero, so I turned him into wood chips.

As I needed to find out how to use the skew chisel, I was fortunate enough to get hold of a video called The Taming of The Skew by Mike Darlow. I will pause for a minute and wish to thank Mike for this most informative video. The result was for me to get back to the lathe and practice with the skew and what a very versatile wood turning chisel.

I found that I was now comfortable with the chisels that I had acquired and at the stage to actually create something. I am not sure what most turners think of when they firsts start but I wanted to make a pen.

After some research from the internet and getting the pen mandrel, epoxy and pen parts I was ready to try to make my first pen. This took two days from start to finish for the one pen, but really in terms of time it was about 2 to 3 hours. So I started on the second pen another two days with the hours decreasing to about 1 hour. I know what you guys are telling me make them in batches so the third and forth were done at the same time. I feel that if I make a simple pen it still takes two days but actual time is about 40 minutes.

Normally when you make something you show it to people to gage their reaction as to find out what they think of the item you made. I had to put these aside as the very next person that saw these pens was my future wife and I asked her to choose one of these pens as that was the one that we were going to sign the marriage certificate. This is now stored away with the marriage certificate never to be used again. One day I will make a box to house both of these items. Ok guys stop weeping you bunch of softies.

# A teaser for later - Spectacular work by a guild member





## Vale - Simon Priem 1932 - 2012

Simon was Member #163 of the Sydney Woodturners Guild, joining in 1988 and was also a Life Member of the Guild. Simon had two loves in his life, and the second one was wood.

Simon was born in Amsterdam in Holland, and had one son and two grand daughters.

He started work at thirteen years of age, as an apprentice cabinet maker in Amsterdam. He joined the Dutch Royal Marines and arrived in Australia in 1954, where he worked mainly as a shopfitter and builder. He completed an eighteen week craft woodturning course at TAFE. His other hobbies were marquetry, photography, model cars, painting, leatherwork and carving. He was also a volunteer fire fighter for many years.

Simon held the theory that "It can't be done" should not be in anyone's vocabulary, and if he heard someone make that statement, he would immediately set about proving that indeed "It CAN be done!"

Simon also hated turning bowls, saying "there are much more interesting things than bowls to turn". Simon left behind some of the most complicated and intricate pieces of turned work that can be seen anywhere. He said that most of his more intricate pieces came to him while he was asleep! He was one of these people who are lucky enough to be able to remember their dreams in detail, and always slept with a sketch pad and pencils close by. The only other thing about woodturning, as well as turning bowls, that he did not like, was finishing. The challenge to him was in the design and execution, and a finish of sanding sealer and wax was his limit.

At one time, a lot of our members were making goblets with captive rings on the stem of the goblet. Simon went one step further, and turned a goblet with a captive TUBE on the stem!

Although Simon turned on a higher plane than most of us, he was always ready with assistance and advice for anyone who had a question for him.





## Another perspective on Dust Collection

My first experience of woodturning occurred many years ago when I was at High School in Casino. Like all my fellow male students I was required to do 6 months of metalwork and 6 months of woodwork. I only got to use the wood lathe once in this time, to make a set of handles for a Bowsaw. I did not, at that time realise how much dust was generated from this activity. After all, the building was specially constructed for wood working.

Move forward a number of years. I am married and my wife and I have moved into the house that we will raise our family in, and that we still occupy to this day. There is a garage, that is just a little too small for modern cars. I have decided to try my hand at woodtuming again. The garage has no windows and no ventilation other than the roller door.

I purchased a small bench mount lathe and a set of tools to start my experiment. Remembering the training that I received at school, and after watching a Roy Slack video I start turning. It did not take long to realise that there was a lot of wood dust being produced in my garage.

I went through cheap dust masks to battery powered filtered Face Mask systems, (very uncomfortable on a hot summer day). Eventually I joined Eastern Region Woodturners. Here I was introduced to dust extraction systems. I bought a 1 HP dust extractor and ran an earthed plastic pipe system with Blast Gates to all my machines, the Lathe, Thicknesser, Belt Sander and Band Saw. This system improved things somewhat, however I felt it lacked power, particularly on the long run to the Band Saw, and I still had to wear some form of dust mask.

This year I finally found the money to increase the power of the system to a 2 HP machine. This worked well for all the machines, except for the Lathe, (where I do most of my work). The inlet for the dust extractor at this point is just a plastic gutter down pipe connection with the sides blanked off. With the new Dust Extractor it was now taking all the dust away, but not most of the shavings. After some discussion with members of the Eastern Woodturners group, and some experimentation with other members of the group a solution was found.



HINGED GUIDES ON LATHE INLET WITH BLAST GATE

# Another perspective on Dust Collection

Very simply I added a couple of hinged Perspex guides to the Lathe dust extractor input. I used clear Perspex because it will allow me to see the job even if the dust guides are above and below the piece I am turning. I made them hinged, so I can better manoeuvre the inlet into the best position. This system now collects all the dust and 90% of the shavings. I am going to sell the powered face mask, as I no longer need it and I can now use a simple safety mask, (much more comfortable).



NEW DUST EXTRACTOR WITH SOME OF THE PIPES

The only down side is that now I have to turn the dust extractor off when parting off small items as they may be sucked into the extractor system. I am thinking a small piece of Chicken Wire in the inlet should solve this problem.

I no longer have layers of dust on everything in the garage, nor do I come out of a session of turning looking like something from a desert western, (my wife appreciates this), also clean up time in my workshop is down to almost zero.

The lesson from my point of view is, "With dust collectors bigger is better". If you are in doubt as to the size of system you want try, go 1 bigger than you think, if you can. I have found the 2 HP unit very good in my situation, but it may not be so for everyone.

So keep turning and have a bit of a go, you never know what you might achieve not just with turning stuff, but other parts of your workshop as well. And let everyone know what you have done.

Since I had completed the lathe restore it has been about a year and in that time I had not been able to make a bowl. Mainly due to time constraints and the simple fact that I did not have a chuck definitely was not going to help. After getting hold of the chuck and a chuck screw I was now ready to turn a bowl or so I thought. Once again more research reading articles, videos from the local library and big library(internet).

I had purchased two new bowl gouges one at I think was set at 45 degrees and the other grounded to a finger nail. Now with all this research that I was doing you would think that I would be saturated with knowledge and quite adapt at the process. Well saturated yes but the process not quite there.

What my thoughts of were to just make a hole in a block of wood. Knock off the edges and screw it onto the chuck screw. Now lets pause for a moment and ask your self what I did wrong. The hole was too big and the results were quite interesting watching the piece spin off the lathe and out the garage door. It's funny because I was not in the line of fire. Mental note to myself, do not make the hole too big in softer wood. The next piece that mounted was a hard wood and it felt more secure, but I was still about a meter away when I powered on the lathe. Now this was just practice to become familiar with the chisels and quickly found that I was getting some incredible chip outs.

I needed guidance and here is where I sort the help of a friend. I took all my tools, chuck and some wood to his house we laid them on the work bench. This was based on the tools that I owned.

The process was to be as follows.

Mark out the center of the piece of wood.

Draw a circle as close to the edge as possible.

Drill a hole to allow the chuck screw to bite.

Knock off the corners to get a sort of round.

Mount on the lathe

Recess the center of the turning to allow the chuck jaws to expand into.

Start making it round by removing wood from the outer edge of the piece working towards the center.

Remove the piece from the screw and mount in the chuck.

Shape the outside of the piece working from the outer edges towards the center.

Shape the inside part of the bowl, sand and apply finish to the inside.

Remove the bowl from the chuck and mount onto flat jaws to finish the bottom, sand and apply finish.

The very first bowl that I to completed went to my mother, the second bowl that I made went to my beloved wife. What a bunch of softies you guys are weeping all the time now.

What an incredible feeling I got when I managed to complete my first bowl after 25 years. I have since completed 10 bowls with some slight variation. I took some of these to the show and tell at our monthly meeting, it was my first show and tell.

The process I described above is what has worked for me and I am aware that there are several different ways to mount a piece on the lathe and get a turning completed. For example expanding and jaws of a chuck would not be advisable on a lamented piece. As a new turner I am on a learning curve and it does help to see what other member bring and talk about at the show and tell.

## Software for the Turner

## Scott Rollo

Most turners are intuitive when it comes to design - they pretty much know what t hey want to make. Most of the time it is as a result of seeing someone else's turning and thought that they could change it a few ways to make it something they would be proud of. Now there are many ways that this occur - you could do it old school and turn up somewhere and watch someone actually turn...you could buy a magazine and check out some of the turnings inside....you could check out Youtube (www.youtube.com) and type in Woodturning. You will get about 12,900 hits....so lots of videos there showing lots of different techniques - some basic - some so out of this world that you sit there watching the video and marvel at the turners skill.

Now you might be the sort of turner who simply puts something on the lathe and starts turning as the tools take you...you get the shape as you work the wood and its all organic. You might be the sort of turner who wants to make 30 turned rails for a banister or stair rail and you want them all the same, so you make a woodtuming template - like this:



Maybe you sketch it old school on a notepad with a pad and pencil and have the sketch near your lathe. Or maybe you stick it to the lathe and try and turn it so it gets "close enough" and you tidy it up by hand.

Have you ever thought that there has got to be a better way?

I know I have. I have created and used several drawing packages to try and create the ideal form of template to use in woodturning. But I can honestly say, as much as I would like to succeed without spending anything, I have caved in and began the hunt for something computerized that will help turners.

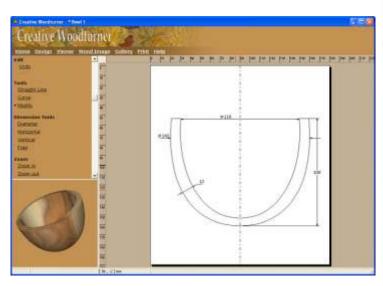
Upon investigation, I have found something that I think is a great asset to turners who are proficient with their computer.

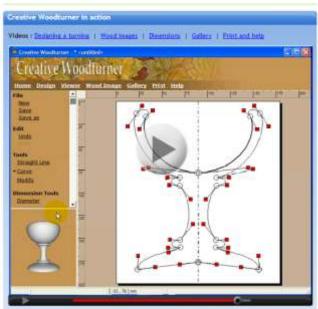


The program is called Creative Woodturner and it looks like it has a stack of functionality that would be very useful to the modern, computer savvy turner. For those who would like to have a look at the website the address is http://www.l'ns Acbs-woodturner.com

It has multiple features:

1. Design - where you get to pull and push lines curves and other shapes to form the piece you desire, but with every move of your mouse, you will see a 3D rendered version of the object in question.





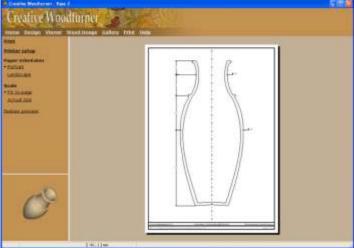
2. Appearance allows you to colour, change the type of wood, the grain etc so you can see a realistic version of what your piece might look like in the wood you want to make it in.



3. There is a gallery of pre-loaded shapes and objects that you can use, or modify to create your own shapes.



4. Printing function takes your item and gives you a take it to the lathe copy of you genius idea....



# Spectacular work by a Guild Member

Once in a while you see something turned that has you scratching your head wondering how the hell the turner did that?

Or you see an item that simply staggers the mind and blows you away.

Well recently at Southern I was left scratching my head and at the same time thinking holy cow Batman!!! That is spectacular!!!!!!!!

The piece can be seen below and is a masterpiece of several facets of woodworking. It is initially one of the most striking objects that I have EVER seen! So the design aspect is blow you out of the water clever....then there is the Psychoses of the segmented turner and the unbelievably intricate cutting and glue ups that represent every segmented item within this work of art. Then once you've glued all of the details and all of those rings you've got to assemble it all together without holes, glue runs or gaps...oh yeah, and at some point you have to turn this behemoth!!!

So some facts: This amazing piece was turned by Sothern turner **TONY HANCOX** - remember that name!!! It took Tony over 7 MONTHS!!! to turn this masterpiece and it has over 3000 individual pieces of wood in it.

The woods are varied but there is American Cherry, Sapele, Beech, Wenge, Western red Cedar and Maple. It was glued with Titebond and is finished in Rustins Danish oil.

There are 12 "Facets" or faces on it and each face represents a Native American in war paint look hard and you can see eyes and a nose in each of them

Amazing work Tony - keep up this level of work - it gives everyone something to aim for!











## Ernie Newman's Woodies Quiz 119 - The Questions

- 1. How many Australian plant species are threatened with extinction: 20, 100, 1000?
- 2. Who said, "I sketch with my gouge", David Ellsworth or George Hatfield? David Ellsworth pioneered artistic hollow form vessels in the US in the 1970s. George Hatfield taught the trade woodturning course in Sydney for over 30 years.
- 3. One section of a turning may be dominant so that it catches the eye first because it is carved or painted. This is called, adding dominance to a section. Give two other ways of adding dominance.
- **4.** Renowned Australian sculptor, John Vander Kolk, posed a question to a group of turners at a woodturning symposium, "You have come here to see demonstrations by turners from around the country and around the world. What is the most important tool in their workshops?" What tool did he have in mind?
- **5.** Have steam trains ever run on wooden rails?

## A Country Woodturner - Ken Sullivan

I was chopping wood for the fireplace the other day, and after a very successful set of splitting logs into billets, I noticed that I was experiencing a variation of a well known mathematical formula. My variation was as follows:

"If every time you chop a log, you successfully cut off a piece for the fire, then when you finish cutting the log, you will have one more piece of wood than the number of cuts you have taken.

Writing this as a formula, if 
$$P = pieces$$
 of firewood, and  $C = the$  number of cuts, then:  
 $P = C + 1$  (1)"

Now, that's quite neat, simple, and elegant... but in terms of anything practical, it is absolutely useless. It just has no basis in reality...

I have been chopping wood for forty years, off and on, and while I would not consider myself a professional at the task, there is one thing I can promise you: I could not guarantee that every time I try to chop a log, I would manage to split off a neat piece of firewood. In fact, if I hit a crotch or a hidden branch, I'm pretty sure that I'm going to have to pound on the thing for quite a while with very little result. Wet wood is generally easier to split than dry, but not always. And pine, with its circle of branches all at the same level and sticky sap has often caused me to wonder why I even bother.... Also, after swinging a 20-kilogram axe or splitter for an hour or more, I can often miss the log entirely! On the other extreme, if I'm splitting an old cracked or hollowed branch, I can end up with as many as four or five usable pieces for each hit, even if they resemble kindling more than firewood.

But this is what scientists and mathematicians do. They look at a situation and try to boil it down to something that can predict the future. Or at least, something that will allow us to predict what will happen in a similar situation. And as human beings are one of the few animals on this earth that understand that the future will exist... we quite naturally do everything we can in order to predict what it will be.

On the whole, this scientific method has worked pretty well. Look at the improvements in medicine, electronics, computers, food supply and so on, over the last 20, 50 and 100 years. Our "quality of life" is much better than our parents had, let alone grandparents and further back. Much of that is because we know "what will happen next" and can adapt our expectations and actions accordingly.

## A Country Woodturner - Ken Sullivan

But the major failing in the scientific method is in the assumptions that have to be made to "simplify" our understanding of the real world. Assumptions just aren't always valid. And that is where my particular example falls down. I don't know anyone that can reliably split a piece of firewood at every single chop. So the formula is useless as a reliable prediction of the future.

On the other hand, there are some patently false assumptions that are quite useful. For example, I can see a fair amount of sense in the belief that the machines we use in our woodworking are "out to get us"! If we approach a spinning lathe or any other tool as if it were constantly about to bite us, we may find ourselves a little bit safer. Obviously, the machines and tools are not alive, and it's our own carelessness, inattention or ignorance that leads to any injury, but an attitude of automatic caution certainly would generally contribute to our continued health and well being.

But likewise, living a life of fear isn't really very good for our health, either... I think the saying is: "Balance is everything."

So, there are some benefits in assumptions, regardless of whether they are true or false. Assumptions are necessary for us to comfortably get on with our lives, and enjoy the time that we have. However, it's also worth considering: If we are disappointed with what is happening, or if we are surprised by the way things are turning out...

Well, maybe it's time to examine our assumptions.

## Ernie Newman's Woodies Quiz 119 - The Answers

- 1. More than 60 Australian plant species are now thought to be extinct, and over 1180 are threatened. Changes to drought and flood patterns have threatened the survival of many plant species. Changes to the frequency and intensity of fires, and to the seasons in which they occur, affect the abundance of plants and the composition of plant communities. Many native plants cannot survive intense grazing by these introduced animals. Invasive species have had devastating effects on our native plants. Many pest animals, such as feral pigs and goats, cause soil erosion and trample native vegetation. Phytophthora, a deadly fungus, also threatens the survival of many Australian plant species. Fertilisers, pesticides and pollution of our rivers and lakes further threaten our ecosystems. This information came from, Threatened Australian Plants, By Department of the Environment and Heritage, 2004
- **2.** David Ellsworth said, "I sketch with my gouge." George Hatfield often said, "I want a drawing exactly the same as that drawing then turn four the same as the drawing".
- 3. One section of a turning can be given dominance so it catches the eye first by: making it very slender or large in diameter, making it very detailed or very plain, adding a contrasting inlay, adding leather, metal, stained glass, resin, shells, coins, chains or other foreign materials, relief carving, chip carving or carving-in-the-round, carving flutes, reeds or Jacobean spirals, power texturing, hand texturing, texturing with an Arbotech or chainsaw, repeated indentations with an awl or leather stamp, pyrography, burning, painting, ebonising, bleaching, staining, crackle painting, adding metal leaf,

## Ernie Newman's Woodies Quiz 119 - The Answers

wire brushing or sand blasting, laminating, leaving tool marks and sanding the rest, chatter work, detailing with a texturing tool or thread chasers, using multiple centres, raising "pimples" by punching, turning and boiling, cutting and re-assembling such as inside-outside turning or Hogbin style turning, cutting against the grain to leave "curls" such as on traditional Swiss Christmas trees, adding captive rings, featuring natural edges.

Many of these techniques work well in combination, for example, painting then texturing to leave some of the paint and some of the wood visible.

- **4.** John Vander Kolk claimed that the pencil is the most important tool in a woodworker's workshop. Without a pencil it is difficult to work accurately and even more difficult to develop creative, elegant and striking designs.
- 5. During the first few decades of steam train travel, all rails were wooden.

## Buy, Swap and Sell

### FOR SALE

- 1. TRITON WORKCENTRE MARK 3 with Workshop Manual. On wheels and has Mitre fences, etc.
- 2. TRITON ROUTER & JIG SAW TABLE to fit above WORKCENTRE also with Workshop-Manual.
- 3. HITACHI 10 INCH CIRCULAR SAW fitted to WORKCENTRE. Saw is 2000 watts with a 250 mm (10") tungsten tipped blade.
- 4. HITACHI TR-12 Router 600 watts, 22000 rpm with all attachments, plus Workshop Manual with 12 different router bits with half inch shafts.

Will consider best offer for the lot.

Email address: dougrob@idx.com.au or phone

Doug on 47338894 or Mob 0434437075.

## Internet links for Woodturners

Here is a short list of Woodturning sites that will get us started with links to some very useful sites. If you have any links you would like to contribute send them to <a href="mailto:guildnewsletter@exetel.com.au">guildnewsletter@exetel.com.au</a> <a href="mailto:http://www.sydneywoodturners.com.au">http://www.sydneywoodturners.com.au</a> our homepage

http://www.wood-eze.com.au/ Leigh Ferguson's site – sells at Southern maxi days & his own shop

<a href="http://www.laymar-crafts.co.uk/">http://www.laymar-crafts.co.uk/</a> Huge site with literally hundreds of useful links – highly recommended!

http://www.trendtimbers.com.au/ large variety of timber, tools, lathes and finishes

http://anagote.com/ great site for wood

http://www.carbatec.com.au one stop shop for most woodworking varieties

https://www.machineryhouse.com.au/ Hare and Forbes machinery

http://www.addictivepenkits.com.au/ amazing pen kits with an impressive site

http://aroundthewoods.com/ excellent site for beginner and advanced turner alike

http://www.woodturningonline.com/ incredible site with literally hundreds of articles

http://www.woodturner.org/ The American association of Woodturners

http://mgorrow.tripod.com/links2.html mega link to over 500 sites!

http://www.woodturners.co.uk/ link to most UK based clubs & links

http://www.woodturnersresource.com/ a great resource for the woodturner

http://www.hiltonhandcraft.com/ a useful site for turners

http://ornamentalturning.net/articles/more woodturning magazine.html one stop shop for ornamental turners

http://www.woodturningdesign.com/ Woodturning magazine site.

http://home.vicnet.net.au/~pwguild/ Mornington Peninsula site in Victoria

http://www.woodturningvideosplus.com/index.html very good site by a pro turner

http://www.bigtreeturnings.com/ Professional turner site from America with some useful stuff

http://www.rockler.com Supplier of everything you'll ever need (in US dollars)

http://www.penturners.org/ American site for the pen turner fraternity – most comprehensive

http://www.woodworkforums.com an enormous forum for everything wood and more

http://www.woodturns.com/resources/woodturning.htm a useful resource for the turner

http://yoyospin.com great site for tutorials and how to videos with focus on craft items

http://sites.google.com/site/samshakouri/home Sam Shakouri's page on Google groups

## **GUILD MEETINGS**

Guides Hall, Waldron Rd Chester Hill				
<u>Month</u>	Month Committee Bi-Monthly			
January	TBA	ТВА	ТВА	
March	TBA	ТВА	TBA	
May	ТВА	ТВА	ТВА	
July	ТВА	ТВА	ТВА	
September	ТВА	ТВА	ТВА	
November AGM	ТВА	TBA	ТВА	
All guild meetings 18:30 till finish President Warren Rankin 9600 8061				

# BANKSTOWN CITY WOODTURNERS INC.

Guides Hall, Waldron Rd Chester Hill				
<u>Saturday</u>	<u>Tuesday</u>			
Jan 5	Jan 8			
Feb 2	Feb 12			
Mar 2	Mar 12			
Apr 6	Apr 9			
May 4	May 14			
Jun 1	Jun 11			
Jul 6	Jul 9			
Aug 3	Aug 13			
Sep 7	Sep 10			
Oct 5	Oct 8			
Nov 2	Nov 12			
Dec 7	Dec 10			

Saturdays 0900 - 1600 Tuesdays 1800 - 2100 President Kevin Santwyck 9644 8366

# MACARTHUR WOODTURNERS INC.

Robert Townson High School

Shuttleworth Ave Raby(maxi only)			
<u>Sunday</u>	<u>Wednesday</u>		
ТВА	ТВА		
ТВА	TBA		
ТВА	TBA		
ТВА	ТВА		
Sunday Maxi 0930 - 1500 cost \$5			

Sunday Maxi 0930 - 1500 cost \$5 President Paul Kruss 9823 8340

# HORNSBY DISTRICT WOODTURNERS INC.

1 Shoplands Rd. Annangrove			
<u>Saturday</u>			
Feb 9			
Mar 9			
Apr 13			
May 11			
Jun 8			
Jul 13			
Aug 10			
Sep 14 AGM			
Oct 12			
Nov 9			
Nov Fri 29 Xmas Tea TBC			

### Saturdays 1100 - 1630 President Lindsay Skinner

## 9679 1055 EASTERN REGION WOODTURNERS INC.

Unit 16, 14 Anderson St. Banksmeadow
<u>Sunday</u>
Jan 6
Feb 3
Mar 3
ТВС
ТВС
TBC
ТВС

Sundays 1000 - 1530 President Graham Tilly 9660 3071

## Guild & Affiliates Calender of Events 2012

## MENAI REGION WOODTURNERS INC.

Menai High School Gerald Rd. Illawong
<u>Tuesday</u>
Jan
Feb 12
Mar 12
Apr 9
May 14
Jun 11
Jul 16
Aug 13
Sep 10
Oct 15
Nov 12
Dec 10
Tuesdays 1800 - 2100 President Bruce Houldin 9542 1087

## NORTHERN BEACHES WOODTURNERS INC.

Narrabeen RSL Club Nareen Pde North Narrabeen			
Sunday Tuesday Friday Workshop Workshop			
Jan	22, 29	25	
Feb 17	5,12,19,26	1,8,15,22	
Mar 17	5,12,19,26	1,8,15,22	
Apr 21	2,9,16,23,30	5,12,19,26	
May 19	7,14,21,28	3,10,17,24,31	
Jun 23	4,11,18,25	7,14,21,28	
Jul 21	2,9,16,23,30	5,12,19,26	
Aug 18	6,13,20,27	2,9,16,23,30	
Sep 22	3,10,17,24	6,13,20,27	
Oct 20	1,8,15,22,29	4,11,18,25	
Nov 17	5,12,19,26	1,8,15,22,29	
Dec 22	3,10,17	6,13,20	

Sundays 0900 - 1400 Workshops 0900 - 1200 President Jack Butler 9999 4290

### SOUTHERN HIGHLANDS WOODIES INC. SOUTHERN REGION WOODTURNERS INC.

Harbison Care Villiage cnr Moss Vale Rd.& Charlotte St. Burradoo

4th Saturday each month

4th Saturday meetings 0900-1600 All other Saturday 1230-1700 Every Tues.&Friday 0830 - 1230 Pls call for Tues/Fri to confirm meeting President John Powell 02 4871 2714 "Cubbyhouse" Como Road Oyster Bay (opp. Scylla Rd.)

	Wednes. Mini Day	Wednes. Mini Nite	Work Shop Meetng	Saturday. Maxi Days	Thurs. Mini Day	Tue/Wed toy/f'ship Day	Special Events
Jan							
Feb							
Mar							
Apr							
May							
Jun							
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							

Maxi days Saturday 0900 - 1500 cost \$6 Mini Days both 0900 - 1500 cost \$3 Mini nite 1800 - 2100 cost \$3 Toy/Friendship days 0900 - 1400 no cost President Keith Moses 9528 8885

### WESTERN SYDNEY WOODTURNERS INC.

Twin Gums retreat, Cnr Northcott Road & Dianne Drive Lalor Park						
Sunday	Monday	Tuesday	Wednesday	/Thursday	Friday	Saturday
Jan 20	7,14,21,28	8,15,22,29	2,9,16,23,30	3,10,17,24,31	4,11,18,25	19
Feb 17	4,11,18,25	5,12,19,26	6,13,20,27	6,14,21,28	1,8,15,22	16
Mar 17	4,11,18,25	5,12,19,26	6,13,20,27	7,14,21,28	1,8,15,22	16
Apr 21	8,15,22,29	2,9,16,23,30	3,10,17,24	4,11,18	5,12,19,26	20
May 19	6,13,20,27	7,14,21,28	1,8,15,22,29	2,9,16,23,30	3,10,17,24,3 <sup>,</sup>	18
Jun 16	3,17,24	4,11,18,25	5,12,19,26	6,13,20,27	7,14,21,28	15
Jul 21	1,8,15,22,29	2,9,16,23,30	3,10,17,24,3 <sup>2</sup>	4,11,18,25	5,12,19,26	20
Aug 18	5,12,19,26	6,13,20,27	7,14,21,28	1,8,15,22,29	2,9,16,23,30	17
Sep 15	2,9,16,23,30	3,10,17,24	4,11,18,25	5,12,19,26	6,13,20,27	21
Oct 20	14,21,28	1,8,15,29	2,9,16,23,30	3,10,17,24,31	4,11,18,25	19
Nov 17	4,11,18,25	5,12,19,26	6,13,20,27	6,14,21	1,8,15,22	23
Dec 15	6,9,16,23,30	3,10,17,24,31	4,11,18	5,12,19	6,13,20,27	21

Mondays, Tuesdays, Wednesdays & Thursdays: 0930 - 1530 Fridays: 1900 - 2100 President Ken Vodden 0412 497 097

Ladies days are held regularly organised by Anna Dawes 9638 6995

## **IN THE SHOP**

### **WOODTURNING JACKETS \$40 POST \$5**

Bottle Green, short sleeved with Velcro neck closure. Keep the shavings where they belong

### GUILD CAPS discounted to \$5.00 POST \$2.50

Wear backwards - become a turner with attitude!

#### CLOTH BADGES AND ENAMEL BADGES \$5.00

Order from: Treasurer, Greg Croker on 9498 2350

## **Bankstown City Woodturners**

Attendance at our December meeting was high, and those present enjoyed the barbecue lunch provided. Our thanks go to the cooks, and of course, the "bottle washers" as well. We have seen a slight increase at the last couple of meetings with the warmer weather slowly coming good, but due to the holidays and extreme heat in January, we were somewhat down in numbers.

One thing that can be said for the lesser attendances, is that it is far easier to get time on a lathe, such is the enthusiasm of our members.

Show and Tell was well supported at our December meeting, but a bit light on at the January meeting.

Our new "karaoke" system is working well, and now everyone can hear what is being said at our lunch time meetings.

Come and join us at Bankstown if you wish. \$5.00 for the day will get you free coffee or tea, use of a lathe as available, and plenty of time to meet and chat with our members. Come along and show us what you do, and don't forget to bring your lunch with you.

(Yes, first Saturday EVERY month, and also second Tuesday night, every month. See By Hand & Eye for times and contact numbers).



Camphor Laurel Bowl Fred Cassar



Hoop Pine Bowl Doug Midgley



Hardwood Candle Holder Robert White



Jacaranda Bowl David King



Christmas Trees Unknown



Olive Bowl Ted Batty



**Candle Holders Robert White** 



Wooden Car Wheel John Willetts



Candle Holders Robert White

# Bankstown City Woodturners



Various Pens Hasso Constantin



Radiata & Ply Bowl David King



Wooden Bowls/Metal Inserts Harold Soans



Salt & Pepper Shakers Harold Soans



Jacaranda Bowl Ken O'Donnell



Jacaranda Plate Ken O'Donnell



Zebrano Plate & Folk Art Ken O'Donnell



Mallee Burl Bowl Ken O'Donnell



Kwila Lidded Box Ken O'Donnell





Kwila & Jarrah Boxes Ken O'Donnell Red Cedar Salt & Pepper Mills Keith Smith



Rosewood Bowl Ken O'Donnell



Jacaranda Box Keith Smith



Jacaranda Box David King



Jacaranda Pot Pourri Bowl David King



Western Red Cedar Bowl Michael Montuori



Pot Pourri Bowl Michael Montuori



Sea Urchins & Rosewood Keith Smith

Hornsby Page 26

At our 'special meeting' in November we had 30 members present for an extraordinarily pleasant day at Annangrove. Most notable was the presence of Guild President Warren Rankin accompanied by Vice President Ron Devine, Guild Secretary Chris Dunn and Guild Treasurer and Hornsby member Greg Croker. Our demonstrator for the day was Neil Collier from the Hawkesbury Woodcrafts Co-operative on the subject of Turning and Carving Stone.

A few minutes after 11 o'clock Convenor Lindsay opened the meeting, welcoming all, introducing our visitors and thanking them for coming and telling us how unique it was having all 'The Front Bench of the SWG' in attendance. He also welcomed and spoke about our demonstrator Neil, and advised of apologies. A few 'housekeeping' details followed and The President was called upon to address the meeting.

Warren in his speech mentioned the scope of the Guild, the importance of the membership and of turning development/enterprise at Club level, as well as the opportunity to visit and access the other associated clubs and their membership.

Warren then presented Lindsay Skinner (member #71) with his Certificate of Life Membership of the SWG and spoke of his work and ability in glowing terms.







Recovering his breath, Lindsay

thanked Warren and recounted his time and enjoyment as a member with a couple of short stories. Congratulatory emails were read from John Hunt, expressing his delight and reminding us that many years ago Lindsay taught him turning at Asquith Boy's High School; from Peter James unable to attend as he was touring the USA; from current members John and Michael Knight, Tom Marinov, Colin Hunter, Lloyd Thomas, Eddie Watts, Jack and Marg Butler and Anna Dawes.

Show & Tell commenced with Warren in control and commenting.



John Edwards showed a small well shaped goblet in maple.

Harry Jones entered a large camphor bowl, produced by his developed hot melt glue chucking method and with a number of cracks.

An high sided bowl showed by John Markham was highly regarded.

Ray Dwyer showed a goblet embellished with beads and made from bottlebrush wood.

Elwyn showed two high sided spalted camphor oval bowls finished to a glass-like lustre.





Hornsby Page 27

Greg showed two small cedar wattle bowls incorporating much sapwood and finished to a high gloss with U-Beaut EEE polish followed by Glow. Also shown was an open bowl made from partially spalted Scots pine exhibiting colour and translucence.

Ted showed two segmented boxes with crisp joints and good finish. He also showed an original heart-shaped box 'made while at school for his girlfriend.' He advised that while he still has the box he also has the girlfriend who is now of course his wife!

Geoff Poulton showed a small beefwood vessel with a nice finial, tight lid and well finished. Also shown was a interesting wooden flute.

Simon showed a nice cedar bowl with a heat/flame blackened flange with an insert. Perhaps this insert was a cute wooden echidna adapted to be a tooth pick holder?

Russ showed his pen collection exhibited in a professional case. Splendid examples of the craft and made from many different woods.

Lunch was up-graded from of our usual BBQ. Table cloths, utensils and salads etc were organised







mainly by Russ who

was also in charge of the BBQ and ably assisted by Alastair and Elwyn. It seems that some members mingled and eat standing and chatting while others enjoyed their fare in our lounges: whatever, lunch was an enjoyable interlude.

After lunch the demonstration commenced. Neil showed his incredible full size motor bike made from wood with all the details including the chain drive included – a wonderful example of wood carving.





Changing from the very complex to the somewhat simpler Neil turned a hand spinning top as shown in the photo which intrigues even the ladies. Then on to the main topic for the day, turning soap stone but with emphasis on 'Hebel lite-weight' bricks.

Hornsby Page 28



After some discussion on soap stone turning Neil moved to a discussion and demo of 'brick' turning. The light-weight bricks are made from mixtures of sand, little cement and compressed incorporating a very large volume of air. As such these are light (500 gm/kg) and handy for the lathe at 200 x 300 x 600



turned, sawn or carved (an angle grinder works well) then sanded resulting in a surprisingly fine finish. Dust is a problem and a good extractor would seem a must. Finally Neil showed stone and wood combined to make an integrated turning which offers 'developmental scope' for adventurous woodtumers. He finished with off-lathe carving of shapes from the bricks. These bricks can be glued together prior to carving and finishing (ie cement rendered) to form large objects and become an imposing display such as a garden statue. (Further details including a You Tube presentation and specifications can be seen on the Hebel website).

Thanks Neil for a very impressive presentation in both wood and stone, the latter a topic being completely unknown to most of us until today. You must come back and demonstrate again.

Included just for the record is a shot of two Guild life members (one the president of the Guild and the other the president of Hornsby District), Neil our inspiring demonstrator of the day and the SWG office holders.



Congratulations Lindsay, and thanks to all for making the day memorable and enjoyable. Congratulations also to member Simon Begg who came second in the State HSC with 99% in Industrial Technology.

Another item of good news is that our Guild Secretary is to marry in December, all the very best Chris to you and your wife.

Our last function for 2012 was our Christmas Dinner at Seven Hills RSL Club which was also most enjoyable. The door prizes were won by Larraine Skinner and Tim Sinclair.

Hornsby's first meeting in 2013 will be Saturday 9<sup>th</sup> February from 11 am.

A merry Christmas and a happy New Year to you all.





Rob and Robyn Cole



John Bellamy







Jack Butler



Bill Laker



Tony Vidler



Gary Cox



Vic Harvey



Barry Brown



Peter Clouston



Rupert Linn



Anne Keogh - Chopsticks / Drumsticks





John Cottle



Jenny Horne





Ken Cooper



Owen Holden





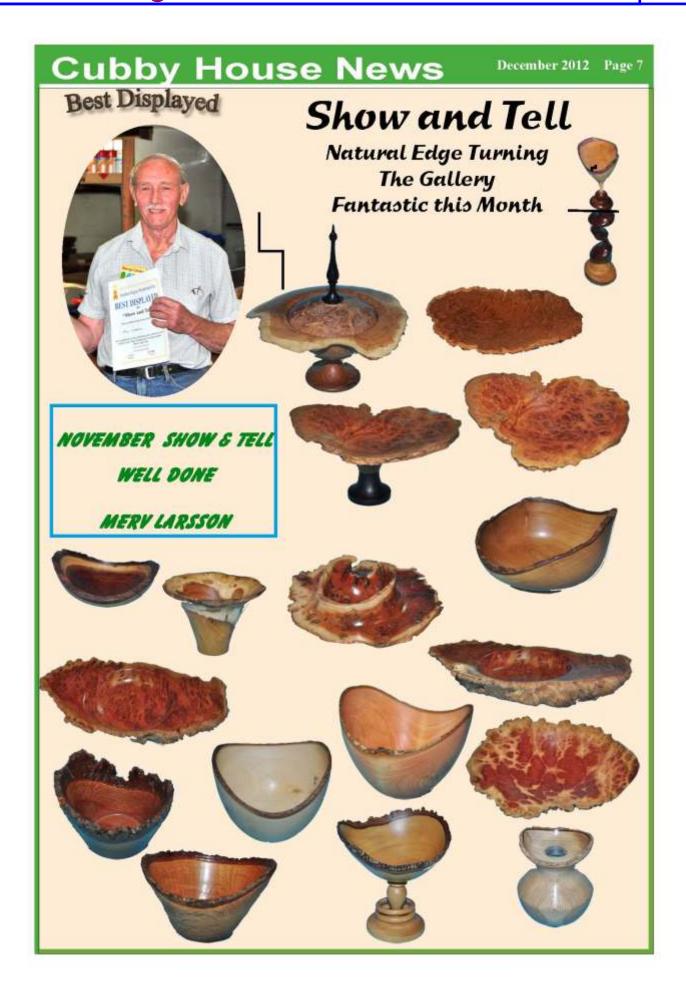


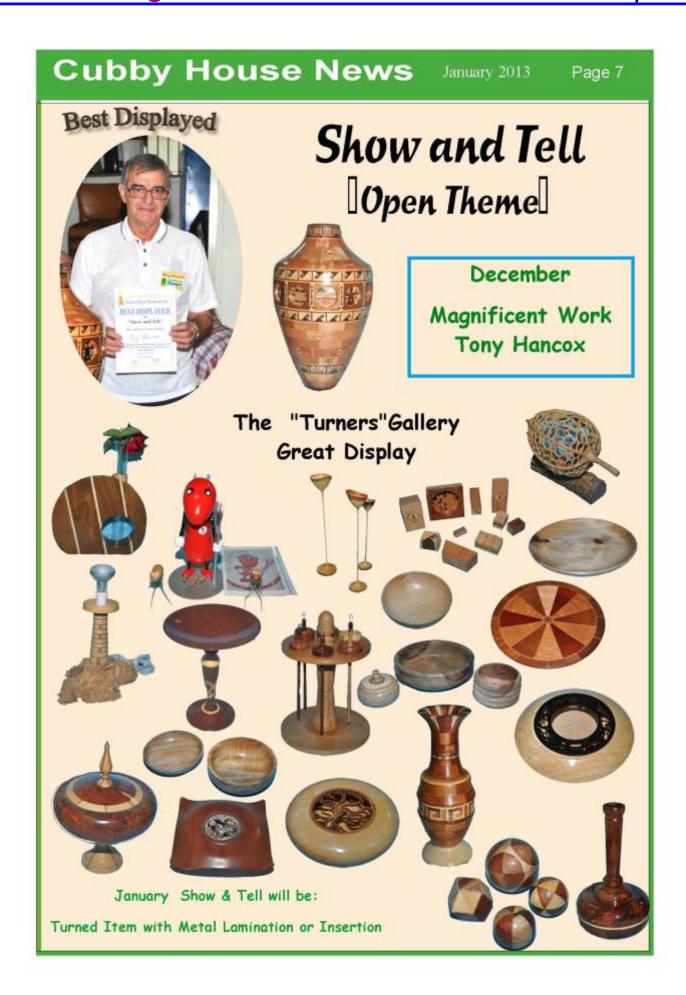
Aaron Ehrlich





Rob Morton





## Western Sydney Woodturners

As another year comes to a close it is always good to reflect on the past and your achievements. As our club continues to grow in membership it also grows stronger with continued support from the community which has been achieved with a lot of hard work over considerable time. We serve the community by participating in demonstration at council festivals, celebrating Australia Day with Rotary and Parramatta Council, visitations to retirement villages, Seventh Day Adventist nursing Home Kings Langley, Genista Aged Care Facility Greystanes, Anglican Retirement Village Castle Hill, Wisteria House two weekends, four weekends at Lynnwood house, Annual Easter Egg delivery to the sick children at Mt Druitt Hospital, Cumberland State Forrest, (Forestry Commission) Pennant hills, two open days at Trend Timbers Vineyard, St Bartholomew's Church Prospect, supporting the Craft Expo at Rose Hill and Newcastle hosted by Expertise Events and we are enthusiastically preparing for their new venture with the addition of metal and wood being added to both venues next year, two Bunning's BBQ's at Seven Hills,

We are very proud of the "Breed" program we have been running with Seven Hills High School over the past four years where we have between five and eight students participate in a one day a week for a ten week (one term) period twice a year wherein we teach them the art of wood turning as this is no longer taught at TAFE. Originally our training was with boys however the last three groups have been girls who have proved to be very capable in the tasks we prepare. On completing the course we give the students a certificate of completion (See attached photo) as part of any resume they may have.

The members are always ready to help in making charity bowls which we sell at all the venues we attend, with this money we ask Mt Druitt Hospital Children's Ward what they need, and if it is within the available funds raised purchase and donate the item. This year we were able to supply two monitors with all accessories, another achievement we are very proud of.

The club with the aid of grants has been able to purchase a dust extractor for the container, complete the main extractor and ducting, a new BBQ and wood fast lathes.

The annual Open Day as always was a success and very well supported by members and our sponsors. As the club grows so do our opening times which are now M,T, W,T/days, F/ night and third Saturdays all open turning days, first and last Saturday are training days, second Saturday Ladies day and the third Sunday being our Maxi day.

Over the last couple of months we have been bomb barded with requests to take felled timber which has given us a comprehensive variety and supply for the future and giving the members an opportunity to expand and experiment on their abilities.

The Training program continues to work well with very competent teachers and we thank them for the time and efforts.

Visitations by other clubs with return visits to Blue Mountains, Hawkesbury, Central Coast, and Northern Beaches. We have had visits from several Men's Sheds to see what we are doing and

## Western Sydney Woodturners

gather ideas for their organization. Our last visit was from Junaya Family Development Services who run a stepping out program for Students from several local schools where they teach them Carving and become Mentors to other students, gain confidence and responsibility.

The year culminated with our Christmas party at Seven Hills, Toongabbie RSL club where members and their partners renewed acquaintances then left for their well earned respective festive season break.

We thank all of our members for their continued support over a very busy year as without that we would not be able to meet our commitments and excel in our achievements.

Eddie Catford.



### SYDNEY WOODTURNERS GUILD INC.

#### **COMMITTEE MEMBERS 2011/2012**

Hasso Constantin	02 9724 1203	President
Ron Devine	02 9639 6099	Vice -President
Greg Croker	02 9498 2350	Treasurer
David King	02 9786 6749	Secretary
AFFILIATED	ASSOCIATION	REPRESENTATIVES
Hasso Constantin	029724 1203	Bankstown
Phil Mcleod	0418 267 096	Eastern
Greg Croker	02 9498 2350	Hornsby
Bruce Houldin	02 9542 1087	Menai
John Wisby	02 4630 9201	South. Highlands
Warren Rankin	02 9600 8061	Southern Region
Gordon Mckenzie	02 9451 0058	Northern Beaches
John Jewell	02 9601 2610	Macarthur
Liam Healy	02 9837 6116	Western Syd.
	OFFICERS	
Warren Rankin	02 9600 8061	Public Officer
Warren Rankin	02 9600 8061	Education Officer
Scott Rollo	02 9533 4086	BH & E Editor

### **AFFILIATE PRESIDENTS**

Kevin Santwyk	02 9644 8366	Bankstown
Graham Tilly	02 9660 3071	Eastern
Lindsay Skinner	02 9679 1055	Hornsby
Paul Kruss	02 9823 8340	Macarthur
Bruce Houldin	02 9542 1087	Menai
John Powell	02 4871 2714	South. Highlands
Keith Moses	02 9528 8885	Southern Region
Jack Butler	02 9999 4290	Syd. Northern
Bob Young	0408 760 131	Western Syd.

Find us on the Web at: http://www.sydneywoodturners.com.au

E-Mail Webmaster at:

admin@sydneywoodturners.com.au

## All correspondence to Secretary:

Correspondence to David King 75 Bent st Chester Hill 2162 Email - sydneywoodturners@gmail.com Telephone (02) 97866749 Mobile 0424188857

## **Submissions to the Editor:**

MAIL: Call for address.

**EMAIL:** byhandandeye@gmail.com **TEL:** 02 9533 4086 or 0438 569 969

All submissions will be gratefully accepted. Original photos will be returned but we prefer soft copies if available. Please submit articles in PDF, Word or text files.