

BY HAND & EYE



The official newsletter of the Sydney Woodturners Guild Inc.

May 2013

Close off dates for articles for July
B H & E will be Friday 12th July 2013

Edited by Scott Rollo

NEWSFLASH!!!

Witches hat Dust Cyclone

Easter Show wrapup

Alf Jordan's Sale- Fest

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Views expressed by contributors are not necessarily those of the guild

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HOUSEKEEPING

**timber &
working
with wood**



26-28 July 2013

An early reminder that the Timber and Working with Wood Show is on again this year and we will be looking for people to turn and be stewards and assistants for the items on the stands. Contact your Guild representative for details on discounted tickets. It is an excellent annual event that a lot of bargains are available at and some insightful turning done by some of the leading lights in the turning community.

F E E S D U E 1 S T J U L Y 2 0 1 3

A quick reminder that your Guild Subscription fees are due on the 1st July 2013. Please remit to your local treasurer for the coming years fees. Get your Tax Assesment in ASAP and maybe you can get the government to pay for your subscription fees!!!

Another two months have passed and it is time for another report from me.

Trying to remember what I talked about last BH&E edition is cause for concern. I am not sure if this has anything to do with age or just plain forgetful.

I did notice that representatives from Western were at Burrowang for the Easter fair and had a nice little stall set up with pens and some other wares created by Western members. This shows initiative by the members of Western in trying many avenues to promote and sell their creations. I hope they did well on the day. Burrowang is a little hamlet just outside of Robertson in the Southern Highlands, they hold an Easter fair there every year and this fair is very well patronised by people from far and wide as well as some locals.

The Guild's next main exposure is the Timber and Working with Wood Show. We have no information as to details of our stand or tickets etc as yet. We will (the Guild Secretary will) forward information as we receive it to your Guild representatives who will make the information known to all members of their region.

Our long suffering editor has again pleaded with us ALL to provide input for this magazine. Scott can only do so much and without our input this magazine could well disappear. I am as guilty as most Guild members in not providing (individual) input. My lame excuse is that I work full time and that limits my time to write about what I do in my shed. (Actually it limits what I do in my shed....not enough).

There is a report in this edition of how we fared at the Royal Easter Show. We (the Guild) in fact received a Bronze award for our efforts over the last few years. So well done all who were involved in the organising and those demonstrating.

My thanks to Scott for his tireless often thwarted efforts in making this magazine work.

**When next you look in a mirror you will see the person responsible for YOUR SAFETY.
Turn safely.**

**Hasso Constantin
President.**

As a nation it is very clear that we are an ageing population. We see the people around us getting older and fighting the battle against the march of time. Many do it well and age old “gracefully” with little to no health problems and continue turning to a merry old age. Several of the members of Southern Region have received their O.B.E Awards...not the order of the British Empire...but over bloody Eighty!!! Can I tell you that many of these OBE’s are some of the finest turners in the club. Many are still actively turning and will so for years to come!!! But I would like to tell you a story of another turner in the Southern Region. Someone who, to say the least, is down on his luck.

His name is Alf Jordan. Many of you will be well aware of Alf.

He was a Club representative for Southern for years, he was a Vice President for the Guild committee – for years...At one point he held the Presidents role when a President had to resign mid-term. He was one of the most active members in the committee and was a major factor in the formation of both Southern Region Woodturners and the Shire Woodworking Club. He was a fundamental force in the establishment of the ornamental turning movement in Sydney and was a master turner in this specialized field of turning. He was a true force in the Sydney Woodturning Guild and was a leading light for a long time. Alf put in a lot of time for the guild and it is time we helped out someone who helped so many during his active time in the guild.

Alf worked as a Mechanical Engineer from the early 50’s all the way through till his retirement. He employed 5 people to work in his business and was very successful at what he did.

Since his retirement he has established a home workshop the size and scale that most people could only dream of. It is an amazing setup in size and it has an amazing array of tools and equipment. Multiple lathes, Woodturning, ornamental and metal that are very desirable. He has all of the best hand tools, spanners and a lot of tools that show clearly that Alf was an Engineer in his former life.

That’s the good news for all of you out there...very good news...Why I hear you ask?

Well you see Alf has been better - a lot...in fact Alf could probably regard himself as having had a very bad run of ordinary luck...Alf has had some serious health issues for quite a while but in recent time he’s been flat out ordinary. After spending a great deal of time in hospital he suffered a serious setback with a catastrophic fall from height landing on his spine. He is now confined to a wheelchair and unable to walk, which is a bitter pill to swallow for someone who has spent all of his life active and turning.

So Alf has asked me to arrange for his entire shed of tools to be sold, including a twin axle trailer of Alf’s own making. So in this issue you will find a list of tools that Alf is trying to sell off. In an ideal world he would find a benefactor who wanted everything in his shed and would take it all as a case lot...but he is realistic enough to know that’s not going to happen. So there is an insane amount of tools, lathes, metal working tools and just a staggering amount of stuff!!! But in a good way.

The list is not massively itemized at the moment but at this point it is to see interests in the big ticket items and get them moved on. I believe that there will be a lot of hand tools and smaller items sold at maxi days and principal turning days at the clubs. Many of the drills/grinders/routers etc. are brand new – never used, still in the box items...

One small fly in the ointment but not the biggest issue, is that as Alf had 3-Phase power available, he converted many of his tools to 3 phase power. Perfect if you have it but a motor swap will be necessary to make some of them work on single phase.

Amongst some Gems in his collection it is a predominately Hare and Forbes Collection. The Milling machine is not one of these toy ones that have emerged in recent years – it is a hard core mill that would even suit a business. There is a metal working lathe that is a serious lathe. It is large and capable to say the least, not a belt driven one but a direct drive one with a metal gearbox with thread cutting settings and a great deal of accessories. It weighs about 400kg so you'll need a truck with a crane at the very least...the replacement cost is over \$3000...

Then there is the ornamental lathes – rose engines for those who know are valuable and detailed. One of the ornamental lathes has a fully electronically adjustable motor with all sorts of accoutrements and pulleys and heaps of other things...and it is brand new...never used...it was the project that Alf was working on when he became immobile.

The first thing I saw when I visited Alf's workshop was a monster of a band saw.... Alf tells me it was made in 1925 and it is big enough to cut a THREE FOOT LOG!!!!!!

It will need a serious amount of elbow grease and a small crane to move it but for someone who needs a re-cutting band saw or someone who breaks down large logs to smaller slabs...it is a behemoth.

There is also a large floor bolted lathe that is meant to be used with VERY large bowls and platters...think can I turn a metre bowl here...made by Alf himself.

His piece de resistance is a Teknatool Nova lathe that has a variable speed box with it that takes one phase in and gives a 0-3500rpm speed lathe 3 phase signal for the 2 Hp motor. A true gem...and with it at the moment is about 12 chucks – pretty much the entire range of Teknatool chucks...Instead of Alf buying sets of jaws and swapping out the chuck, he has a chuck for every set of jaws! There is also pretty much every accessory ever sold with the Nova lathes...a truly impressive collection. To go with it is a 14" Bandsaw...if you like...Oh and about 20-25 Chisels as well...

There is an 8" Hare and Forbes floor jointer as well if you have the requirement.

There is a table saw with a 4 Hp motor (3 phase) and it has a 14" blade and it has bed extensions to make it extra wide...big enough to break down 2400 X 1200 sheets... A power hacksaw (single phase) is one tool that I looked at with longing...wishing I had one...

There is a trio of Triton workstations as well. The table saw model 200 workstation, the Triton Router Station and the Triton Jigsaw station.

Please do me a favour and check out the list and if you have some interest in any of the equipment then contact Alf directly between 11 a.m. and 1 p.m. weekdays on 02 9727 2116 .

Could I also ask the editors of the club newsletters to put the list in their respective newsletters so as to expose it to the maximum amount of turners. This will ensure it will hit anyone not accessing the By Hand and Eye and it will hopefully get the word out to others who may be interested...

I really hope that we can do right by someone who has been a major contributor to the success of our Guild and who is doing it really tough at the moment. And as an added benefit I think it means that there are turners and hobbyists going to get a bit of a bargain along the way!!!

Bouquets to all the people who contributed to this issue of By Hand and Eye including my regulars. Gentleman as always I am forever in your debt. Brickbats to the Clubs who did not submit anything at all for club news. Dissapointment doesn't even begin to describe how I feel...safe turning.

I love woodturning and woodworking in general. To my way of thinking it is a great way to while away the hours and it gives great satisfaction. There are so many positives to take away – literally I can't count all the ways and the levels of satisfaction I receive from my arts with the woods....

As many have said before me....my regrets are but a few...

The biggest "side effect" from woodturning and woodworking in general is the sawdust and shavings. It represents hazard in the form of dust and hazard in the form of slip or trip hazard, not to mention making the place look generally untidy.

It literally gets everywhere you could possibly imagine and in some places where you just plain scratch your head and think how the hell did it get there? Cleaning up is a constant chore that must be done on a reasonably constant basis unless you want to stand ankle deep in sawdust and shavings, therefore we must explore ways of collecting this mess...

So with this being a problem for pretty much every turner on the planet....what are the possible solutions available to the average turner?

The obvious answer to a fixed solution while you are turning. At a minimum is a 4 inch duct connected to a one horsepower dust collector chuted up to collect dust and shavings close the point where it comes off the wood. A good solution for most people and it is not overly expensive to the average turner. But it is problematic for some who don't have the space or the dexterity to connect it all together, lift the very full bags etc. So a full blown dust collector is not the ideal solution for a lot, but there are a lot of turners making that work, myself included.

We then ask ourselves what is the "cost effective" solution...it screams out from everyone...a shop vac!!! Great idea!!!

So what's the problem? Well to be honest there are a few issues with the shop vac. Firstly there is the size of the average shop vac...yes they are bigger than a home vac but they can't hold nearly enough compared to the amount of shavings as you rough turn a small tree! Some people get by with a small house vac and the big problem with the smaller domestic vac is the bag capacity is very small. This is the same song, second verse for the shop vac....the bags are never big enough and they fill so quickly...

The other, bigger issue is, that as you turn, and especially if you are turning timber that gives off a fine dust, it very quickly clogs the filter bags of your vac, severely reducing its efficiency of your vac...it literally gets blocked from the "wood talcum powder" that it ingests. Choose to not use bags and use a type with a cleanable filter and you will quickly find the wood talc that covers everything in your workshop is also excellent at blocking your "cleanable" filter. So a shop vac is not the full solution but it can be a part of a two part solution that is very cost effective. The second part is a Cyclone Separator.

There is a stop gap solution if you don't want to go down that route of a Cyclone separator and that is one of a rubbish bin or plastic container separator. If you want to look further into this search online for dust separator, garbage can separator, lid separator etc. Good luck if you pursue that line of research.

So what is it that a dust Cyclone does for us? Well for some basic parts and a handful of ingenuity you get dust separation down to an extremely fine dust particle and it gives you a "funnel" to chute the waste into a suitable container of your choice. And for most people who have a few bits laying around, it shouldn't cost you more than \$30....

Vacuum cleaner attaches here



Dust and Shavings attaches here via a vacuum hose or pipe

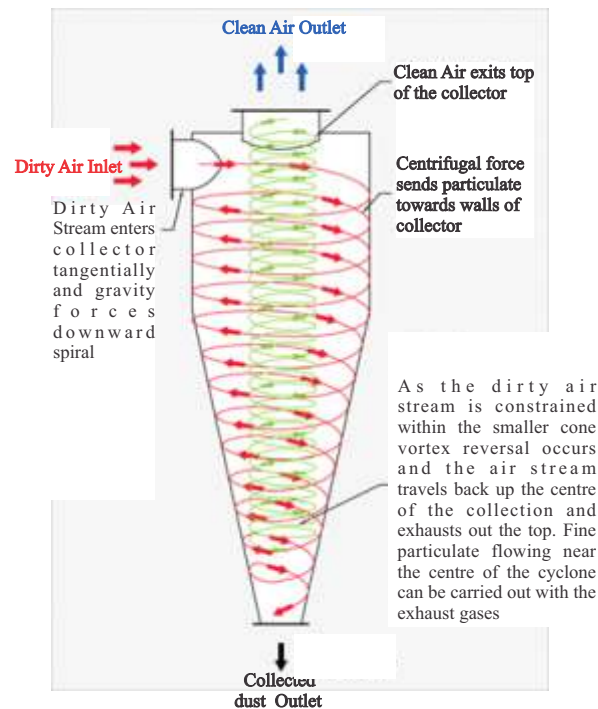
Waste flows into the Barrel

The crux of this design has been around on the internet for a while and it is an amalgam of ideas that the average internet browser could pull together, but it was a chance find of the primary component at Bunnings recently that galvanized me into action.

So what is the primary component that I found in Bunnings that made my Cyclone possible?

A witches hat...a traffic cone...a safety cone...call it what you will but everyone knows what it is. So how does it work?

A cone shaped funnel with a side entry input chute and a top mounted vacuum inlet...plonk this on top of your choice of waste receptacle, some bits of timber and if you include the vacuum hose and some size adapters...you're done. So it is extremely simple in operation and construction.



You will see these Cyclones super-sized at timber yards and made of sheet metal. If you have the skills to do this in sheet metal, power to you! Knock yourself out and whip one up in gal sheet steel...

For us mere mortals the witches' hat is a great option. Now there are several types of witches hats out there and many are of a "rubbery" material. These are no good for the purposes of the Dust Cyclone we are building here...they simply aren't rigid enough and they will not stand up to the suction that is generated by this Cyclone.

The type I found at Bunnings appears to be a polyethylene type that is at least 3-4mm thick and it is very rigid. Now I am sure that there are many places that also sell these cones – if you can find a rigid one from them then buy one of those instead. Either way it is important to find one with real rigidity as the power of vacuum is scary or I will tell you later in this article a moment I had.

So to the construction.

Here is the basic premise of what we are trying to achieve here. The witches hat "sits" on top of the barrel. My particular barrel was found on the nature strip as part of a hard rubbish throw out. It was essentially used for a powder chemical and it came with a tight fitting lid and a metal clamp. It was about 3-4mm thick on most of its area and it appeared to be very rigid.

The weakness I have found with these types of barrels is that the lids are not particularly substantial – they tend to flex too much and when it is supporting the weight of the Dust Cyclone it needs to be more rigid.

The solution I found was to machine two discs out of ½ inch Plywood that fit snugly either side of the lid, making a plastic sandwich with Plywood on either side.

If we look at the Cross section area drawing below us we can see that it is not a difficult assembly. So here are the parts list and the assembly instructions for the one that I built.

1. Witches hat (It is known as cone 460 at Bunnings)
2. A barrel with a tight fitting lid that MUST be very rigid.
3. 1 metre length of 50mm DWV pipe
4. 2 X 50mm-40mm reducer
5. Assorted ½ inch Plywood to make 2 rings and plug for the top of the cone.
6. Screws to suit
7. 50mm X 1000mm X 3mm Aluminium strap (optional but kind necessary for rigidity)
8. 6mm nuts and bolts for Aluminium strap above.
9. Vacuum tube to attach the cyclone...I had several lying around and I joined them together to make a big hose.
10. Self-Adhesive foam tape to seal the “plug” for the top of the cone.
11. Nuts and bolts to secure the input tube to the inlet of the cone.

Apart from the normal tools needed the tool that was the most used was my hot glue gun. It is an indispensable tool for filling gaps and covering up mistakes!!!

The witches hat that I used had very distinctive circular patterns on the bottom of the cone and I had to cut out a very specific shape to fit the “plug”. If you use the Bunnings cone you can see how I did mine and mimic what I did. It’s not particularly complicated but it needs to be done methodically.

Below is a pictorial representation of how I made the cone:





Here are the steps I took to make my Cyclone separator:

1. Start by laying out the plug for the top of the witches hat. The Bunnings one has raised circles in each corner and to keep this structural integrity I left these in tact. (fig. 1)
2. Here is the shaped plate that forms the plug on the top of the cyclone. (fig. 2) It is just a square plate with the corners radiused to suit the plastic ring reinforcement as seen in fig. 1. I made this from ½" plywood .
3. This is the 50mm-40mm reducer purchased from a hardware store or plumbing store. Funnily enough I use a 2" Forstner bit and the 40mm side of the reducer makes a very snug fit (fig. 3)
4. This is the 50mm DWF pipe cut on a 45° angle (fig. 4) it helps set out the hole that you need to cut out on the side angle. It is approximately 400mm long.
5. As can be seen from fig. 5 it is an egg or elongated teardrop shape that equates to the pipe entering close to the side on an angle. I marked it with a marker pen and drilled a series of connective holes that I then used a Stanley knife to "join the dots" and cut the hole.
6. I marked two holes on the pipe and drilled the holes through the witches hat. Using whatever bolts you have bolt the pipe to the witches hat (fig. 6).
7. Fig. 7 shows the finished pipe bolted to the cone with its final shape which follows the contour of the cone.
8. Fig. 8 shows the plug from underneath with the 50-40 reducer fitted in the hole. For my own curiosity and so I could tune the cyclone effect I fitted a small Perspex window through which I can observe the inner workings. It is this 50mm socket that you insert a 150mm long section of the pipe. This is where the vacuum connects to.
9. Fig. 9 shows the ¼" adhesive backed foam that I happened to have on hand – this is to ensure a tight fit when sealing against the witches hat. I used Button headed stitching screws with integral washers from the edge of the cone on the top. There is not a lot of room so measure twice – cut once.
10. Fig. 10 is the lid of the drum I used.
11. Fig. 11 shows the hot glue gun in action sealing up the small gap between the cone and the input tube. If you have a big gap, build it up in layers, allowing each layer to cool before putting the next one on top [POSSIBLE BURN HAZARD – BE CAREFUL]. I used the glue gun on the outside and the inside to make sure that there were no gaps or holes, which will severely reduce the performance.
12. Fig. 12 shows the "top part" of my sandwich which has the lid sandwiched between two plywood circular discs – I had to put a recess in mine using the lathe to overcome a "hump" that was present on my lid.
13. Here is the two plywood discs and the lid with its 80mm hole cut in the centre. I used an 80mm hole saw I had on hand but if you have a 90mm or 75mm use that – it is not that critical as all this does is funnel the waste into the barrel. FYI to make the discs on the lathe I rough cut a circle on my table saw, drilled a hole and mounted it to the chuck using a screw mount. After ensuring the right size and making sure it cleared my hump, I then utilize this hole to be the guide hole for my holesaw mounted in the drill.
14. This is the money shot... Fig. 14. As can be seen the plywood sandwich is assembled through the lid and the witches hat which was cut to just protrude in to the hole (dependent on the size of your hole saw) has been screwed into this sandwich through the sides of the cone as per the diagram. This sandwich has added a significant level of rigidity and solidness to the otherwise flimsy plastic lid, and it gives a very solid platform to screw the cone to and ensure it doesn't flop about.

15. Fig. 15 From the top of the cone into the lid assembly before it is sealed tight with hot melt glue forming an airtight seal for the barrel.
16. Looking up the cyclone we can see the 150mm pipe installed in fig. 8.
17. Fig. 17 As was done in fig. 15 we now seal the bottom of the cone to the bottom of the lid assembly with hot melt glue, ensuring it flows to all gaps to seal the cone to the lid assembly.
18. This shows us in fig. 18 after the lid is fully sealed on the top intersection.
19. Shown here in fig. 19 is my plastic barrel. I found this on a hard rubbish pile near my home. It is a stout barrel with very stiff sides...but not stiff enough as it turns out. The first time I tested the cyclone and I blocked the intake hose the sides of the barrel buckled in from the suction!!! Truly very strong!!! This is the modification I performed to reinforce the sides of my barrel to prevent it from buckling. It is 3mm thick 50mm wide aluminium strap that I curved into the shape of the barrel and then drilled and screwed every 75mm and fixed with nuts and bolts. This prevents the sides from buckling, but it now makes the lid move up and down when you block the intake pipe. A top tip to bend the strap – open your woodworking vise and use the rods to trap the metal, bend it a bit, move it a bit, bend it a bit until you have a circle formed.
20. Fig. 20, 21 shows the assembly mounted to the drum with the metal clamp fitted and an airtight bond ready to use!
21. Fig. 22 shows the inlet tube with the vacuum cleaner hose fitted to it.
22. Fig. 23 shows the full height of the assembled cyclone – it stands about a metre tall.
23. Fig. 24 shows it with the vacuum cleaned attached and the inlet tube with it's recycled vacuum cleaner hose as repossessed from a hard rubbish pile connected with the second 50mm-40mm reducer on the end of the inlet pipe.
24. Connect it all up and get cleaning!!!

Easter Show wrap up

David King

We attended the Sydney Royal Easter Show once again this year, we demonstrated from the 22nd to the 27th of March 2013, it was a great opportunity to share our passion of wood turning with the attendees of the show, of whom many took great interest, watching our demonstrations and asking our demonstrators many questions.

There was a great vibe in general during our time there, not only from the public and amongst ourselves but also from the Sydney Royal Easter Show co-ordinators, more specifically those of the Arts and Crafts Committee who officially stated in a letter to us ***“The expertise and skills of groups such as yours, together with your dedication and willingness to give so much of your time to the show, helped make it the success it was. I (Rebecca Cassamento) have received a lot of positive feedback about the creative and interactive demonstrations and I would like to thank you for your involvement.”*** How great it is that we can make such an impact to the Sydney Royal Easter Show while doing what we love!

I would personally like to thank all who were involved, either on site or behind the scenes in making this happen, without your hard work and sacrifices we wouldn't be able to attend such events.

Please continue to be passionate about sharing your love for wood turning as there will be many other opportunities to do so in the future. While we're on the topic of future events, let me just state that the Working With Wood Show is coming up soon! Although I don't have details just yet, I will get them out to you as soon as I do, please be considering whether you'd like to be involved or not for when the time comes.

Yours sincerely,
David King,
Guild Secretary.





ALF JORDAN SALEFEST LIST – CALL ALF ON 02 9727 2116 between 11 a.m. and 1 p.m. Weekdays only

**Nova TL 1500 Wood Lathe with variable speed electronically controlled 2Hp motor
20-25 Chisels**

2 sided Bench grinder for tool sharpening

Makita 4? Grinder

Microwave for seasoning wood

Cross Vice for Nova Lathe

Bruce Leadbeatter ring cutter attachment

14? Craftmaster Bandsaw

Craftmaster 5 foot tall pedestal drill

Rexon 16? scroll saw

One sided grinder and sharpening jig

12+ chucks and accessories

Bely/Disc Sander 6? belt 10? disc

Humongous Bandsaw 3 Phase

Tough 4 Hp 3 Phase big bowl lathe

**Hafco Woodmaster Electronically variable motor Alfa series 2 rose engine – Brand
NEW!!!**

Lathe And Machinery Co. Milling Machine 3 Phase

NRG 10mm bench drill

Hafco AL330 metalworking lathe (400Kg)

**Large walkaround toolbox filled with hand tools including sidchrome spanners and socket
sets**

Standard single phase Electric/Power Hacksaw

Power Craft desktop router table

Ozito Multitool/Dremel style

Power Master 4? grinder

Power Craft 24Volt hammer drill

Panasonic 9.6 volt drill

Power Craft Router/Trimmer

Power Craft Rotary Hammer – Brand new.

Triton 2000 work centre

Triton Router Stand

Triton Jigsaw and Router Stand

Hare and Forbes 4 Hp 3 phase 14? table saw with extra width beds

Rose Engine 2000 Lathe ornamental lathe

8? Floor mounted jointer Hare and Forbes

Nova Comet mini lathe

Alfa series 1 ornamental lathe

Shop vac Power Craft











1. Which is the hardest wood in the world: Lignum vitae [*Guaiacum officinale*] from Central America or Buloke [*Allocasuarina luehmannii*] from Australia?
2. Name an Australian who has written a book on woodturning.
3. John Mulquin, from the Blue Mountains Woodturners club, turned a bowler hat from green Liquid amber with an average wall thickness of 3 mm, a diameter of 250 mm and a height 130 mm. The initial weight of the blank was 16.7 kg. The finished and seasoned hat weighed 1% of the original weight of the blank: true or false?
4. How can you sand the inside of a small hollow form vessel using equipment from your workshop and your bathroom?
5. From the 1970s specialist woodturners scroll chucks were manufactured for holding free end turnings [where the grain runs parallel to the lathe bed] such as goblets and lidded boxes. What type of chuck was used prior to the 1970s?

A Country Woodturner - Ken Sullivan

First of all, I want to thank all of the Woodturners who have expressed their concern and offered support over the last 10 months. The latest test shows me “clear” of any trace of the cancer, and while ongoing intestinal infections (not related to the surgery) keep me weak and prevent any increase in my stamina, the Doctor believes I should be “fully recovered” within three years (I wonder what he means by “fully recovered”... Hmmm). So again, thank you for all the good wishes. And the good news is that I’ll be turning for a while yet... <Grin>.

OK... A Woodturner friend of mine told me a story a while ago. I don’t know if it is absolutely true, but the characters involved are so delightful, I just have to pass it on.

The basic premise behind the story is that there is no such thing as Tasmanian Oak. Like many of the common names of the woods we use, it is a “manufacturer’s name”, relating to a European wood where the Australian wood has similar (occasionally tenuous...) characteristics of the “original” wood. Tasmanian Oak is actually harvested from three different varieties of Eucalypt, *Eucalyptus regnans*, *Eucalyptus obliqua* or *Eucalyptus delegatensis*. Their other common names are: Mountain Ash (primarily NSW), Victorian Ash (well, yes...), Alpine Ash (Southwest Australia), Messmate, and lots more.

The story is about how the name Tasmanian Oak came to be. And it goes back a fair way.

Back when Australia was first colonised by Europeans (or invaded, depending on your point of view... and how much you want to upset assorted groups of people), when the ships came out from England, they had two ways of getting to the East Coast: “over the top” and down the Eastern seaboard, or “around under” and then up. Obviously, during the six months of monsoon, the journey “over the top” was very dangerous, and the Barrier Reef has always been a major shipping hazard. “Around under” had fewer stop off and resupply spots after leaving Africa or India, and Bass Straight had it’s own dangers. Providing a resupply depot was one of the major reasons that Port Arthur was established as a convict colony. That, plus it was a long way away from Sydney... “Out of sight, out of mind” applied then as well as now... Especially with politicians...

The English Sea Captains were very used to the idea that they were absolute dictators for what could be the many years that they were at sea. They literally made all of the life and death decisions for anyone “under” them, and would not brook any even tangential challenge to their authority. Since quite a few of them were aristocrats from the noble houses of Old England, they simply continued with their “normal” manner of behaviour and expectation wherever they were, on either land or sea and towards whomever they encountered on their journeys.

So, when those Captains arrived at Port Arthur, they expected the convicts to “jump” when they said “frog”, and they would not accept anything but the “proper” way that things were done. In other words, the proper way was what suited their beliefs. One of the English seafaring traditions was that water barrels had to be made of Oak: English Oak if at all possible, but Oak of any lesser variety was at least somewhat acceptable. But definitely... it had to be Oak.

I can just picture the scene: there is the Captain, all dressed up and sweltering in the hot Australian conditions, arrogant and feeling very short of temper. And there is the convict cooper, possibly an Irish “rebel”, tugging his forelock, and being very careful. The lash was quite commonly used to correct any “uppity-ness”, especially from the Irish who never seemed to know “their place...”

“My good man, I want twenty water barrels, made from good Oak... and I want them by tomorrow.”

“But, sor, we don’t have any Oak. It takes two hunder’d years to grow an Oak tree...”

“I don’t care. I want Oak.”

“Well, sor, we’ve got this local wood. It’s clean, strong, and...”

“Is it Oak?”

Thinking quickly, “Well, sor, it is called Tasmanian Oak...”

And so, Tasmanian Oak was born.

I’ve since discovered that quite a few of the common names of the woods we use are “manufacturer’s names”, often chosen to make them more sellable. An example I’ve bumped into recently is Pacific Jarrah. It is, in fact, a South American wood, and not related to Jarrah at all, except that it also happens to be a reddish brown colour. Botanically, it is *Manilkara Bidentata* or *Manilkara Huberi*. Its common names include Massaranduba, Acana, Balata, Beefwood (not the same as Australian Beefwood), Bolletri, Bulletwood, Chicozapota, Macaranduba, Maparajuba, Paraju, Quinilla, and Red Balata.

And it has the Jarrah farmers/foresters of Western Australia spitting chips (wood chips?), as it is cheaper than Jarrah, in spite of the distance it has to come. And when the customer says, “I want Jarrah...”

“Well, sor, it is called Pacific Jarrah...”

I suspect we get what our ignorance allows...

1. The hardest wood in the world is Buloke [*Allocasuarina luehmannii*] from Australia.



Egg Courtesy Of Jeff Nasser USA - Photo Courtesy Of Nancy Gruneisen USA

2. English born Australians Richard Raffan and Mike Darlow have written excellent books on woodturning as have Phil Irons who lives in England, George Sutton [deceased] and Terry Martin. Terry's next book, on creativity and woodturning, is due out in 2014. Richard and Mike have also produced DVDs.

3. True: John Mulquin's bowler hat weighed just over 1% of the original weight of the blank [200 gm out of 16.7 kg]. The hat fitted too. John's granddaughter is shown wearing the hat [photo John Mulquin].



4. You can sand the inside of a small hollow form vessel using abrasive paper wrapped around a toothbrush.

5. Before the 1970s virtually all free end turnings such as goblets and lidded boxes were held in tapered cupchucks. A matching taper was turned on the blank and it was hammered into the cupchuck. If the taper was accurate and the blank was hammered hard it held remarkably well. It seems that before the 16th century all work was held between centres.

GUILD MEETINGS

Guides Hall, Waldron Rd Chester Hill	
<u>Month</u>	<u>Committee</u>
January	January 28
March	March 25
May	May 27
July	July 29
September	September 30
November AGM	November 25
All guild meetings 18:30 till finish President Hasso Constantin 9724 1203 or 0417 233 841	

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	

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>	
Friday 16th Mar. 7:30 - 4 pm demonstration @ Camden Show	
Saturday 16th Mar. 7:30 - 4 pm demonstration @ Camden Show	
Sunday 24th Mar. 9:30 - 3 pm	
Sunday 28th Apr. 9:30 - 3 pm	
Sunday 26th May 9:30 - 3 pm	
Sunday 30th June 9:30 - 3 pm	
Sunday 28th July 9:30 - 3 pm	
Sunday 25th Aug. 9:30 - 3 pm	
Saturday 14th Sep. 8 am - 4:45 pm BBQ Bunnings Campbelltown	
Sunday 29th Sep. 9:30 - 3 pm.	
Sunday 27th Oct. 9:30 - 3 pm	
Sunday 24th Nov. XMAS Party 10 a.m. - 2 p.m.	
Sunday Maxi 0930 - 1500 cost \$5 President Paul Kruss 9823 8340	

EASTERN REGION WOODTURNERS INC.

Call for meeting location	
<u>Sunday</u>	
Jan 6	
Feb 3	
Mar 3	
Apr 7	
May 5	
Jun 9	
Jul 7	
Aug 4	
TBC	
TBC	
TBC	
TBC	
Sundays 1000 - 1530 President Graham Tilly 9660 3071	

MENAI REGION WOODTURNERS INC.

Menai High School Gerald Rd. Illawong
Tuesday
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 Graham Towle 9774 3198

NORTHERN BEACHES WOODTURNERS INC.

Narrabeen RSL Club Nareen Pde North Narrabeen		
Sunday	Tuesday Workshop	Friday 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.

Harbison Care Villiage cnr Moss Vale Rd.& Charlotte St. Burradoo	
2nd Saturdays 4th	
13th Apr	27th Apr
11th May	25th May
8th Jun	22nd Jun
13th Jul	27th Jul
10th Aug	24rd Aug
14th Sep	28th Sep
12th Oct	26th Oct
9th Nov	23rd Nov
14th Dec	N/A
4th Saturday meetings 0900-1600 2nd Saturday meetings 1230-1700 Every Tues.&Friday 0830 - 1230 Pls call for Tues/Fri to confirm meeting President John Powell 02 4871 2714	

SOUTHERN REGION WOODTURNERS INC.

"Cubbyhouse" Como Road Oyster Bay (opp. Scylla Rd.)						
	Wednes. Mini Day	Wednes. Mini Nite	Work Shop Meetng.	Saturday Maxi Days	Thurs. Mini Day	Special Events
Jan	NIL	9	14	19	24	
Feb	6	13	11	16	21	C.H. 17th ANNIV.
Mar	6	13	11	16	21	TURNFEST 22,23,24
Apr	3	10	15	20	NIL	
May	1	8	13	18	23	OYSTER BAY SCHOOL FETE
Jun	5	12	11	15	20	
Jul	3	10	15	20	25	TWWWS 27,28,29
Aug	7	14	12	17	22	A.G.M
Sep	4	11	14	19	24	
Oct	2	9	14	19	24	
Nov	6	13	11	16	21	CRAFT SHOW 2, 3
Dec	4	11	16	21	NIL	XMAS LUNCH 21
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	3,10,17,24,31	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	3,10,17,24,31	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 Young 0408 760 131
 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 News Apr/May 2013.

With 27 members at our April meeting, and 29 at the May meeting, our numbers are climbing again to a very comfortable level. With this number of members and eight or nine lathes in the hall, things are comfortable, friendly and safe.

Royal Easter Show is now over and done with, with our member Keith Smith taking out second prize in the Open Turning section. David King is to be thanked on behalf of all members of the Guild and its groups for the amount of thought, effort and application he puts into all of these Guild attended events. All our entries were returned by him, undamaged once again. Six of our members submitted a piece for the show. With a bit of tweaking of the classes, we hope more members from all Guild groups will be encouraged to enter in 2014. Time to put your thinking caps on for your next or first entry in the Sydney Royal Easter Show.

With an organisation as big as the Guild, it seems a shame that we cannot be the leading group in numbers of show entries each year.

Don't be shy about entering your favourite, best, most liked piece in next year's show, as the judges for that year may just be thinking along the same lines that you are, about your particular piece. Remember, if your wife tells you she likes a certain piece, it could well win a prize in the next show!

Bankstown will be taking part in the Bankstown Community Fair on May 18th, and our members have indicated great support for this fundraising community activity. The venue is the sports field just off Waldron Road, Chester Hill, opposite our hall.

Some of our members have been on the sick list of late. Both Bert Sims and Les Bird attended our latest meetings, and it was good to see them up and about again.

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).



Dovetailed Box Carcase Alf Lord



Peppercorn Goblet Kevin Santwyk



Radiata Xmas tree Cameron Cook



Unknown wood Bowl David Morris



Bowl same Wood David Morris



Unknown Wood urn or vase Fred Cassar



White Cedar natural edged plate



Tasmanian Oak 50mm Bowl Doug Midgley



Cypress Toothpick Holder Doug Midgley



Willow Bowl Kevin Santwyk



Hoop Pine Bowl Doug Midgley



Bottom of Bowl Doug Midgley



Jacaranda Lidded Box Harold Soans



Red Mahogany Vase David Morris



Jacaranda Vessel Harold Soans



Orange Trumpet vine Vase David Morris



Pine Shopping Bag Holder Arthur Dixon



Tea light Candle Holder Arthur Dixon



Silky Oak Tea Light Holder Arthur Dixon



Segmented Salt & Pepper set Roy Somerville



Salt & Pepper set Roy Somerville



Segmented Salt & Pepper set Roy Somerville



Segmented Salt & Pepper set Roy Somerville



Showing wooden Thread Marcel Chalhoub



Threaded lid box Marcel Chalhoub



Unknown wood pot pourri bowl Michael Montuor

EASTERN REGION CONFERS LIFE MEMBERSHIPS.

At the December meeting of Eastern Region Woodturners it was decided to confer Life Memberships to two of our oldest members.

MR GRAHAM TILLY Member Number (47)



Graham was born in Murraybridge S.A. He started his working life as a High School Maths Teacher. Eventually becoming a Maths lecturer at Sydney University. It was during this period that he really got going as a turner. With access to the Ultimo TAFE, lunch times were spent in the Bijou Lane premises using their wood machines.

Graham joined the Guild in 1983 and was at the first meeting. He has been the Convenor of Eastern Region since about 1993. There was much discussion from the group about whether he was an apprentice to Jim Dorbis, but taught by George Hatfield, or the other way around. Either way Graham is our best turner. These days he makes Blanket Boxes, Tea Caddies and turned spoons and scoops. He is also a talented wood carver and enjoys showing off his latest creations.

Perhaps one of his lesser known pursuits, (as told to me by one of our older members), is the production of Japanese Kokeshi Dolls. These dolls, in times past, were meant to represent infants who had passed away.

Graham perfects his designs by doing small production runs, of about 4 or 5 items with each an improvement on the previous item. The final product is well worth the effort, according to Graham.

These days Graham likes to run workshops for people who want to learn from him, and these usually take place in his workshop, under the house. I know everyone learns something from Graham on these occasions. Graham continues to use his "Mongrel Lathe", it is made of parts from various places. No matter, he still turns out excellent items.

Graham is a valued member of Eastern Region and has been a great supporter of the group over many years, by giving him Life Membership it is our way of saying Thank you.

Bibliography: Some of this information came from an article written by Jim Dorbis in By Hand and Eye August/September 2002.

MR SVEN WALLIN Member Number (167).



Sven was born in Falkenberg Sweden. He started work at 18 years old in an Engineering shop. Later he joined the Merchant Navy. He arrived in Australia, met his Australian wife and has lived here ever since.

Sven worked for Atlas Copco, (who made Industrial Compressors) for 36 years. Upon retirement his co workers gave him a Craftmaster Lathe. This kicked his turning into high gear. He produced furniture and toys for his grand children to their great delight.

These days he uses a Teknatool lathe and continues to turn, particularly faceplate turning of platters and bowls. Sven believes that timber should not be stained or disguised, its natural beauty is enough.

As he has always done, he continues to use a lot of Lanewood in his creations, (picked up in the Lane). However, the workmanship is always excellent on anything he does.

Perhaps one of the more interesting items he has brought in to show the group was a Birch Bark Horn from Sweden. The bark was worked in a coil to create the horn it actually worked and was quite interesting.

Sven was the Representative for Eastern Region for a number of years and the group by conferring Life Membership wish him well and just want to say Thank you.

Bibliography: Some of this information came from an article written by Jim Dorbis in By Hand and Eye August/September 1997.

HORNSBY DISTRICT WOODTURNERS INC.**NEWSLETTER APRIL 2013.**

Well our first day at a possible new venue! In April, 21 of us attended the Dural Men's Shed for our meeting and to checkout its potential. Lindsay welcomed us and talked about the new location, its ramifications and how to make it our cosy home for our next 15 plus years?

Following some lengthy discussion on venues we moved to the usual meeting format and were advised that apologies from Colin Hunter, Geoff Poulton and Geoff Walker had been received.



Show and Tell commenced with an item from Simon. The item was a 1.2 m tall hollow vase made from 12 pieces of laminated ply to a pattern which included a non-turned hollow interior as well as a startlingly good external effect; FW buffing oil was used. Time taken for the project was 40 hours.



Ray had produced an apple shaped box, ex last month's design, from unknown wood and finished in shellac which added to its glowing colour.

Rusty also turned a box ex Ted's method and distinguished it with a 'knob' on the lid.

John Edwards had likewise made a small and well finished cherrywood box, and a mahogany bowl about 8 x 2 inches finished nicely with Shellowax.

Simon also made a fine oyster-bowl-box from Australian silver ash with a wenge finial, which was just great, see photo.

Elwyn showed two oval bowls from recently felled and dried local camphor laurel; the first about 12 x 8 inches and wide rimmed and the other a high sided smaller bowl.

Both showed exceptional colouring/figuring and were well finished with (diluted) lacquer spray.

Greg showed 3 'not-so' identical practice capitals turned from hoop pine and a couple of smaller finials turned from acacia wood; all were left unfinished.

Finally Martin had been 'turning' and brought many packets of sieved soft brass turnings suitable for adding to black epoxy for features on turned wood.



Today's demonstrator was club member Alastair who followed on from last month with Turning Lidded Bowls. Before turning Alastair spoke about various examples and pit-falls of lidded bowls and why these shouldn't be called boxes. Sally wattle 125 x 125 x 250 mm was tuned down to a cylinder of 90 mm then spigots turned at each end to suit the chuck. Mark the position for the lid and base to be separated, preferably by band saw to

3mm parting gouge can be used with care where the grain is not pronounced.

First chuck the lid and hollow the inside say to 60mm diameter remembering to cut downhill, in this case from centre to circumference. Remove the centre pimple, and turn the flange to suit the design, 70mm internal diameter and eventually 76mm external diameter, very slightly undercutting the outside edges of the lid and ensuring the inside flange is parallel to the lid's axis. Finish the inside and sand.



Remove the lid and chuck the base. Drill a depth hole and open up this hole to the desired diameter, ie 60mm using in this case a Sorensen type gouge and square the base of the bowl. Then turn the annular spigot of the base to an OD of 70 mm and its length to integrate with the lid turning such that a tight, straight and seamless joint is formed.

Make final adjustments to obtain a perfect fit and once achieved push the lid firmly into the base, bring up the tail piece using the centre original used to rough out the blank and ensure all is symmetrical. Then begin turning the outside of the lid.

With the lid now tightly held on the 'jam chuck base' commence carefully turning the hemispherical lid and the finial, removing the tailstock as the chisel removes the wood at the very top of the finial. Do this last operation with light cuts so as not to dislodge the lid. Correct any problems, sand the lid and remove from the base.

Turn the base by incorporating a bead immediately below the annulus say 77mm diameter and say 7 mm wide. The base is to have a straight side increasing to about 20 mm larger in diameter at the bottom than at its top. Remember to cut downhill. Turn the base using the BH&E principle to give the best artistic result. Sand the base and rechuck it expanding the jaws into the base's interior using paper towelling or other material to prevent marking, and square-up.



Finally carefully pare away the spigot with light cuts with a skew or a gouge and turn away the rough base to give a flat bottom

with a slightly concave profile. Sand the bottom, place the lid on the bowl and 'enjoy.'

Thanks Alastair, a great lidded bowl and a great demo too.



MENAI WOODTURNERS

At our April meeting, the topic for our Monthly Theme and Competition was “Musical Instruments”. The following entries were received:



Ron Fisher
Recorder in Maple



Norm Lewis
Recorder in Red Cedar and Huon Pine



Ron Mansfield
Pair of rattles in Pine



Graeme Stokes
Variable whistle in She Oak

First place was won by Bruce Houldin



Bruce Houldin
Recorder in Huon Pine



Mick Bouchard
Rattle in White Oak and Jarrah

NOTE: Each of the 3 turners who chose to make a recorder agreed that it was probably one of the most frustrating items they have ever had to turn.

Best Displayed

March Show and Tell Turned Item with Decorative Finish Host: John Field



Well done to
Frank Pynenburg

Bernie Korant
"New Turner"



The "Turners" Gallery



April Show and Tell
"Salt and Pepper Grinders"
Host: David Brown

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
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Bruce Houldin	02 9542 1087	Menai
John Wisby	02 4630 9201	South. Highlands
Warren Rankin	02 9600 8061	Southern Region
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Graham Tilly	02 9660 3071	Eastern
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Paul Kruss	02 9823 8340	Macarthur
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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.