



Monthly Newsletter  
January 2022  
# 243

## Newsletter Highlights

# THE CUTTING EDGE

News in Brief

From The Committee

Welfare Report

New members

Public Relations Report

Home Work

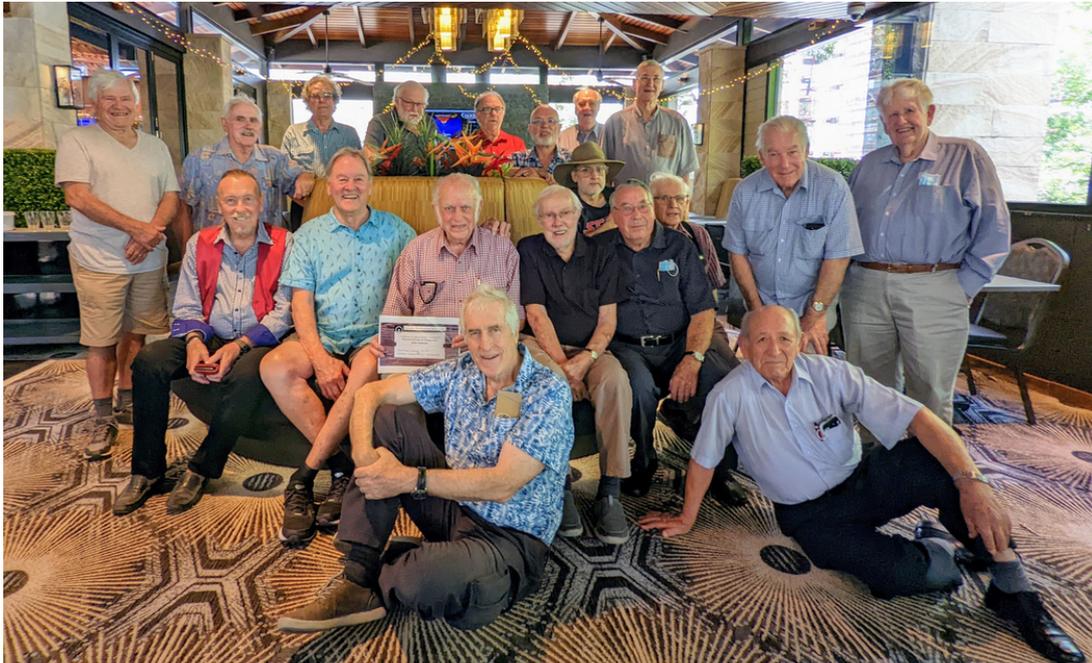
The case for Shellac

Who is Behind the Role

Some People Go To Therapy

Acknowledgements

Club Officers



### NEWS IN BRIEF

The Wood Turners held their Christmas gathering at the Magpies Club in Waitara.

President David Tarran took the opportunity to present John Edwards with a certificate of appreciation as an Honoured Member & Nonagenarian



# **FROM THE COMMITTEE**

**Welcome back to the Shed for 2022. Let us hope that we have an uninterrupted year, and we can finally adapt to living with Covid19 with minimum interference to our lives.**

## **EMAIL AND TELEPHONE SECURITY:**

**Four years ago, the HWMS committee introduced HWMS Gmail addresses for committee members. There were two reasons for this. Firstly, it provided continuity of contact for change of office bearers but more importantly it provided security to office bearers by not using their private email address. Your committee has now taken three more steps to provide security. The Shed now has a phone number 0481 485 824. Messages can be left on the voice mail and the phone will be checked regularly for messages. We have also decided to discontinue publishing the Cutting Edge on the HWMS webpage. Many articles have personal details, especially in the in-depth stories in the CE Quarterly. While these articles are of interest to members, we do not want the information ending up in the wrong areas. Finally, any email from the Shed will only come out on a "hwms.....@gmail.com" addresses. If you receive an email purporting to be from the Shed check that it is from one of the hwms email addresses. The email addresses are in the directory in the Cutting Edge. If you do not recognise the address delete the email.**

## **CHRISTMAS PARTY:**

**Due to the success of the Christmas Party at the Thornleigh Community Centre the 2022 Christmas Party will be held there again on Wednesday 16th November.**

## **ANNUAL GENERAL MEETING:**

**Covid19 allowing, the Shed will return to an August AGM. The 2022 AGM will be 19th August. It is not too early to start thinking about taking on a committee role. Discuss it with a committee member.**

## **UPDATED CONSTITUTION:**

**After three years of work the proposed constitution is ready to go out. Notice of a special meeting to adopt the revised constitution will be sent out next month. Copies of the proposed constitution and bylaws will be also sent out.**

## **BENDIGO BANK DOUBLE THE IMPACT GRANT:**

**As mentioned last month Robert Evans and John Barrett have spent many hours investigating replacement Router Lifts and Power Units. The committee has now ordered a Kreg Precision Router Lift and a Carbatec 2400W Router Power Unit. This unit will be tested for three or four months and, if it meets our requirement, a second unit will be ordered to replace the other lift and power unit. The committee acknowledges the research Robert and John have put into the replacement unit and we thank them for their time. We expect delivery early next month. The Shed has also ordered some new woodworking tee squares**

## **BENDIGO BANK (2):**

Last week we were advised by Bendigo Bank that they will be making a \$1,000.00 donation to HWMS under their Loyalty Donation programme. Under the programme when a customer draws down a home or investment loan Bendigo Bank makes a \$1,000.00 donation to a local charity or community group of their choice to reward their loyalty to the Bendigo Community Bank. A customer nominated Hornsby Woodworking Men's Shed.

An extract from the email from Bendigo Bank:

*“Lastly I thought I would share with you what our customer wrote in relation to her choice: We saw the wonderful rocking motorbike you raffled before Christmas which they made. If they are prepared to support KYDS Youth Development Service, The Salvation Army and The Wesley Mission etc it would be good to support them. What goes around should come around.*

*As a very worthy group to receive your community donation we would be pleased if our loyalty donation could be made to them. We hope this supports the men in their generous work for charities and encourages the local friendships made within the group.”*

Fred Blaauw kindly donated the Rocking Motorbike for the KYDS campaign. The committee thanks Bendigo Bank, their customer and Fred Blaauw.

## **REDUNDANT SHED EQUIPMENT:**

The Shed is culling equipment that is surplus to our needs or is underutilised. The equipment will be offered for sale to members before taking to the Tools Markets for sale. Many clamps, including pipe clamps and sash clamps, will become available. If you are interested in purchasing some clamps, please contact a committee member

## **COVID19:**

Covid19 keeps hanging around. This has been reflected in the delayed start to the year and the reduced numbers in the Shed. After reopening at the end of October the average daily attendance in the Shed up until Christmas was 16 (Monday to Saturday). Although early days the number for 2022 are slightly lower. We ask you to observe conditions of entry and, if you feel uncomfortable coming to the Shed during this period do not come in. If you want to make toys at home please contact a committee member to make arrangement.

**new  
members**

HWMS warmly welcomes :

**Khosro Jalali**

Please welcome Khosro and assist if required.

## **From Your Welfare Officer**

**Happy New Year, Shedders, and isn't it good that we can return to the Shed - providing we are well, double or triple vaxxed, and prepared to practice social distancing..**

**I was recently staying with a friend in Bathurst who has been doing a lot of research on Covid and keeping well, so I'm passing on a couple of suggestions that I have taken up:**

- Have a supply of Bioglan Throat-Clear lozenges handy and suck them whenever you are in a supermarket, train, or anywhere you feel you need that extra protection. These lozenges are all herbal and assist in keeping the germs at bay.**
- Up your intake of Vitamin D to help strengthen your immune system.**

**Keep well and don't hesitate to check on any mates who you may be wondering if they are okay - when you think of them, ring them!**

**Until next time.**

**Jane, your Welfare Officer**

## **From Your Public Relations Representative**

**To promote the shed I write posts for our Facebook page and then share them with two local community Facebook groups.**

**In fact the reason we were nominated by a new Bendigo Bank home loan customer to receive the \$1000 loyalty grant was because the customer had seen our Facebook posts.**

**We get a lot of compliments on our charitable works. The image below is but a snapshot of what was said recently.**



**As another promotion I invited Julian Leeser, MP, who accepted our Stronger Communities grant (\$10000) and Volunteers grant (\$5000) applications, to see our new kitchen. His visit was cancelled at the last minute however we're on his radar for the work we do and support we provide.**

**Tracey Knights**

Home-work!

# ZAC HAS A Knack



## ***Zac's answers to the questions we all have...***

### ***Your motivation to make these items?***

**The tool chest is an English Style Tool Chest. All projects need a goal and the goal of the chest is to be a place to store them and transport between my apartment, the workshops I sometimes work at. It also serves as a dry, dust free place to store my tools out on my apartment's balcony! As some members know I'm a fan of using hand tools and have a small collection of hand planes, chisels, marking tools and saws that I like to use while at the shed. As my collection has grown I've wanted to have a place to store them and transport between my apartment, the shed and the Woodworkers Association.**

### ***How you arrived at the designs?***

**The design was broadly inspired by Chris Schwarz's *The Anarchists Tool Chest* (thanks for the recommendation Paul Crowe!) which is itself derived from the historical record of carpenters and joiners tool chests from the pre industrial period in Britain and USA. Apprentice carpenters would build one towards the end of their apprenticeship to hold the tools of their trade, enabling them to move from workshop to workshop or from job to job while storing their tools safe. I've made it smaller in all dimensions. It needs to fit into the boot of my car and hold the tools that I like to use. The dimensions are such that the internal volume is as big as it could be a tight fit into the boot of the car I have.**

### ***How you chose the timber you used?***

**I started making it as a lockdown project when the shed was closed between June and October in 2021. I'm sure our readers would remember those months where we couldn't visit the shed, Bunnings or any of the usual places we would get our timber. This didn't stop me, though I did need to be creative to stay within the borders of my LGA and still find suitable timber. The solution I came up with was to look for timber in kerbside council household clean ups. I drove around one Sunday afternoon and found a pine bookshelf and a timber counter top. Then I needed to get the wood home so I rented a van from GoGet and took it to the balcony of my apartment.**

## What challenges did you have to overcome?

Some members of the shed have a little more space at home that I do. The only place I can work in my apartment is on my balcony, and I needed a work bench. So I made one a low roman bench. On YouTube I saw a video on how to make a coping saw. I needed one to cut out the dovetails so I made it. Lindsay and Ian helped me turn the handle. The body of the box is all dovetailed together. I did most of the work on my balcony except for the chiseling. I don't hate my downstairs neighbours so I carried my bench, mallet and chisels down to the buildings carpark so I could hammer away without disturbing anyone. This was annoying but necessary to maintain the peace.



Making the low Roman bench



Using Roman bench on his balcony

## It holds all the tools I need to make furniture by hand

### Bottom Layer

No 7 Plane  
No 5 Plane  
No 3 Plane  
Block  
Combination Plane  
Shoulder  
Router  
Block of Wax  
Saws  
  
Dovetail  
Rip Backsaw  
Crosscut Backsaw  
Rip Handsaw  
Crosscut Handsaw  
Coping Saw

Mortising Mallet

### Upper Layer

Detail Mallet  
Cross-peen Hammer  
Claw Hammer  
  
Cutting Gauge  
Mortise Gauge  
Combination Square 15cm  
Tri Square  
Rules - 15 and 30cm  
Sliding Bevel Gauge  
Marking Knife  
Pencil / pen / marker  
Dividers / compass  
Tape Measure  
Folding Rule

Chisel roll  
Spokeshave  
Card scrapers

Hand Drill  
Brace  
Augur bits roll  
Awl  
Drillbits

Eye protection  
Earmuffs  
Apron

## *The Case For Shellac*



*Thank you Kevin Wallace for  
submitting this article*

**This gift from the insect world is a great finish for home woodworkers. Today, shellac is the most under-appreciated of all finishes, but this hasn't always been the case. Until the 1920s, when lacquer was introduced, shellac was the primary finish used in furniture factories and small woodworking shops. It continued to be the favored finish of professionals finishing interior wood trim and floors, and of hobbyists finishing everything, including furniture, until the 1950s and 60s.**

**Then polyurethane and "wiping" varnish (varnish thinned about half with paint thinner and often mislabeled "tung oil") were introduced and widely promoted. Beginning in the 1970s, blends of linseed oil and varnish, like Watco Danish Oil, were promoted in magazines for their ease of use. Instead of defending shellac during this period, suppliers retreated to the position that shellac was a good sealer for stains and knots. They also allowed shellac to get an exaggerated reputation for weak water resistance, and they increased its stated "shelf life" from one year to three years. (Shellac slowly deteriorates after it's dissolved in alcohol. After about a year it no longer hardens well enough or is water-resistant enough to be used as a complete finish on most furniture and cabinet surfaces. Always use shellac within a year of when it was dissolved.)**

## **What is Shellac?**

**Shellac is a natural resin secreted by insects called lac bugs, which attach themselves to certain trees native to India and Southeast Asia. Suppliers buy the resin and sell it as flakes, or dissolve it in alcohol and package the solution in cans for you to purchase.**

**Natural shellac is orange (amber) in color and is your best choice when you want to add warmth to wood. Most old furniture and woodwork was finished with orange shellac. Bleached shellac (sold as “white” or “clear”) is best when you want to maintain the whiteness of a pickling stain or the natural colour of light woods such as maple, birch and poplar. You can mix orange and bleached shellac to achieve an in between colour.**

**Natural shellac contains about five per cent wax and will produce excellent results; but de-waxed shellac, whether pre-dissolved or in flake form, is more water-resistant. You can remove wax from regular shellac by letting it settle and then decanting the liquid.**

**Shellac is a very old finish, so it has an old measuring system based on the concept of “pound cut.” One pound of shellac flakes dissolved in one gallon of alcohol equals a one-pound cut. Two pounds in one gallon is a two-pound cut; one pound in a quart is a four-pound cut; and so on.**

**The shellac you buy at the paint store is almost always a three-pound cut, which is very thick for brushing or spraying. Thin this shellac by half with denatured alcohol (shellac thinner) and make adjustments from there to reach the thickness, or pound cut, you feel most comfortable working with.**

**To obtain maximum freshness and thus maximum hardness and water resistance, use denatured alcohol to dissolve your own shellac from flakes, which are available from many woodworking suppliers. Start with a two-pound cut, and adjust from there.**

## **Applying Shellac**

**To brush shellac, remember that alcohol evaporates rapidly, so you must work fast. Use a good quality natural- or synthetic-bristle brush, or a foam brush, and brush in long strokes in the direction of the grain if at all possible. Work fast enough on your project to keep a “wet edge,” and wait until the next coat to fill in any missed places if the shellac becomes tacky.**

**Spraying shellac is no different than spraying other finishes. Just as thinning shellac reduces brush marks during brushing, thinning reduces orange peel while spraying.**

**However you apply the shellac, allow the first coat to dry about two hours, then sand with gray, 320-grit stearated (self-lubricated) sandpaper just enough to remove dust nibs and raised grain. Use a light touch to reduce sandpaper clogging and to avoid sanding through the finish. Remove the dust and apply a second coat. Add more alcohol to the shellac if you’re getting severe brush marks or orange peel, or if air bubbles are drying in the film. The alcohol will slow the drying and allow the bubbles to pop out. There is no limit to the amount you can thin shellac, but you may have to apply more coats to get the build you want.**

**Apply as many coats as necessary to achieve the look you want. Each new coat dissolves into the existing coat, so there's no need to sand between coats except to remove dust nibs or other flaws. To see flaws like runs and sags before they dry in the film, arrange your work so you can see a reflected light in the area you're finishing. Then brush out the flaws before they dry.**

**If the humidity is high, or if there's too much water in the alcohol you've used to thin your shellac, it may turn milky-white. This is called "blushing" and is caused by moisture settling in the finish. Wait for a drier day, use a purer alcohol or both. You usually can remove existing blushing in the finish by applying alcohol on a dry day or by rubbing with an abrasive, such as a Scotch-Brite pad or steel wool.**

**If, at any time, you create problems you can't remove without creating greater problems, strip the finish with alcohol or paint stripper and begin again. In between coats you can store your brush by hanging it in a jar of alcohol, or you can clean it easily by washing it in a half-and-half mixture of household ammonia and water. You can reclaim brushes with hardened shellac by soaking in either solution. When you have applied the desired number of coats (three is minimum in most cases), you can leave the finish as is.**

**Now shellac is rarely used as a finish except by high-end antique refinishers (which ought to tell you something). This is terribly unfortunate, because shellac still is one of the best finish choices for most woodworking and refinishing projects.**

**Or you can level it using 320-grit and finer sandpaper and a flat backing block, then rub it to the sheen you want using Scotch-Brite pads, fine steel wool or abrasive compounds like pumice and rottenstone. If the rubbed finish shows finger marks easily, apply paste wax or an oily furniture polish.**

## **Shellac Pros Cons.**

### **Advantages:**

- Much more water and scratch-resistant than oil or oil/varnish-blends, which cure too soft to be built up on wood.**
- Better dust-free results than varnish or polyurethane, which cure very slowly.**
- Less polluting, less of a health hazard and less smelly than varnish, polyurethane or lacquer.**
- Easier to apply and richer-looking than water-based finishes.**
- Easier to clean (with ammonia and water) than all other finishes.**

### **Disadvantages:**

- Not water or scratch-resistant enough for surfaces such as kitchen cabinets and tables that take a beating.**
- Available only in gloss sheen.**
- Tends to ridge at the edges of brush strokes.**
- Slowly deteriorates after being dissolved in alcohol.**

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**Acknowledgement "Popular Woodworking Magazine"**

# **GET TO KNOW BLACKWOOD BETTER: A MAGNIFICENT TIMBER AND A TOUGH, TOWERING WATTLE THAT CAN SURVIVE LANDSLIDES**

*Author: Gregory Moore, Doctor of Botany, The University of Melbourne*

**After the long COVID-induced lockdowns of 2021, I'm more excited than usual for a joyous gathering at Christmas, where four generations of our family will sit around our much-used dining table for dinner.**

**The table is large, heavy, with parts made of blackwood and once belonged to my great grandparents in the 1880s. It's been part of many family celebrations and is accompanied by a grand old sideboard, also made of blackwood and decorated for the festive season.**

**Blackwood's main claim to fame is its magnificent dark and durable timber. It has been prized since colonial times and is still widely used for high quality, bespoke furniture that often becomes family heirlooms. It has also been used for making boats, musical instruments, inlaid boxes and high value veneers.**

**But today, I'll introduce you to the tree - a stunning native wattle with large Christmas-green, leaf-like phyllodes (modified leaf stalks) and masses of showy pale lemon flowers that bloom from late winter to late summer.**

## **VERSATILE AND MIGHTY**

**Blackwood (*Acacia melanoxyton*) can live for over 150 years, and its range extends from South Australia and Tasmania through to northern Queensland. It's often found in the understorey of giant eucalypts in Australia's east-coast forests, though the tree is hardy and adapts well to diverse conditions, making it popular in urban gardens.**

**Depending on soil type and rainfall, it can become an imposing tree 40 metres tall, with a trunk diameter of up to 1.5m. Under tougher conditions, it may grow to only 10m in height, often with a spreading canopy. While it's not drought resistant, blackwood can be quite tough and tolerates wet soils, even salty coastal winds.**



**Acacia melanoxyton often grows among the understorey of eucalypt forests.**

**Blackwood is also resistant to fungal pathogens, such as Phytophthora and Fusarium species, which decimate many other native plants such as banksias and many eucalypts. The reasons for its resistance are unclear, but it's possible that like some other acacias, chemicals released from the roots can reduce pathogen growth.**

**One reason Blackwood timber is so dark is because it contains high levels (up to 20%) of tannins, the dark staining chemicals you see after you've drained your daily dose of tea and coffee.**

**These tannins were also useful to Indigenous people. Tannins are toxic to fish and wood and bark with high tannin content was, and is, used for fishing. Blackwood extract can also be used as a painkiller.**

## **WITHSTANDING LANDSLIDES AND BUSHFIRES**

**Blackwood's spreading root system is another reason the tree is so tough. In mountainous habitats, its roots often help consolidate soil on steep slopes, preventing landslides. I've seen large blackwood trees carried downhill by a landslide, but the roots held the soil together and the trees continued growing when the soil settled.**

**But the same, strong root system can cause problems in the urban environment, by cracking paths and blocking old leaky pipes.**

**Like many native trees, the tree is adapted to bushfires. The tough leathery phyllodes can slow the movement of bushfires, providing a barrier which might help stop fires from spreading in a fire smart garden. The phyllodes remain green and have a low flammability all year round, so while the tree is usually killed by fire, it may still have a place in gardens where fire is a risk. The seed of blackwood can persist in the soil and leaf litter of a forest for many years and, after a bushfire strikes, may regenerate even if few trees were present beforehand.**



**A curious feature of blackwood is how its young, feathery foliage can grow alongside the mature, harder ones, as shown in this picture**

## **BENEFITS FOR GARDENERS**

**Blackwood has been widely planted across Australia and in many other parts of the world for its timber and has become a weed in parts of Africa, South America and California, as well as Western Australia.**

**And it spreads easily. When blackwood seeds are harvested by birds and insects, they don't digest the seed, giving it free transport and dispersal. Blackwood can also develop suckers - new growth that sprouts from the roots; aptly named because they exploit a plant's root system. These tend to develop if roots are damaged or disturbed, and can be difficult to control.**

**But for those planting it in gardens or parks, there are many benefits. Like all wattles, blackwood is a nitrogen fixer thanks to its root bacteria, which take in nitrogen from the atmosphere and add it to depleted soils. Its discarded flowers, phyllodes and fruits can help create a thick mulch, which is often weed free. Alongside the benefit of added nitrogen, it can really improve the quality of soils on a local scale in gardens, windbreaks or plantations over time.**

**Blackwood is highly recommended as an agroforestry tree. It's still actively logged in Tasmania, and my agroforestry colleague Rowan Reid warns that with the lack of research and incentives for growing blackwood on farms in Australia, we might soon be in the sad position of importing our blackwood timber from more innovative overseas growers. At the end of our family dinner, the table will be cleared and the cutlery and crockery returned to the blackwood-veneered and polished sideboard - our own family heirloom.**

**I wonder about its future, and who might be using it to share Christmases. Just as I wonder about the future of Australian blackwood, and its role in future climates, fires and agroforestry. It will undoubtedly persist, but will it be significant and appreciated?**



**Blackwood is popular in gardens and parks all over the world.  
John Robert McPherson/Wikimedia, CC BY-SA**



## The Shed doesn't just happen.....

"it takes a dedicated team with the best interests of the members to make things run well."



Last month we took a look at some of the members behind the Committee Role, the dedicated team with the best interests of the members to make things run well.

Our HWMS Vice President, Robert Plant, has been focusing on getting well but now we are pleased to be able to publish his responses to the questions:

### *My favourite aspect of our Mens Shed?*

**It is the fellowship, being able to interact with people with similar interests. Concentrating on making something takes your mind off other issues**

### *What I would like to achieve in my committee position over the next year?*

**With Covid lock down and health issues, I have effectively lost 6 months of 2021. I am therefore hoping to be better able to contribute to the running of the Shed in 2022, hopefully taking some of the load off the President.**

### *What makes me smile?*

**When I listen to the rubbish spoken by many of the politicians who are supposed to be running the country. They must take us as idiots if they think we are convinced**

### *My favourite place to spend a quiet moment?*

**In my back-yard - I have a sun-lounger by the side of the pool, where I can reflect on life**

### *Who in the world I would choose to have dinner with, past or present, and why?*

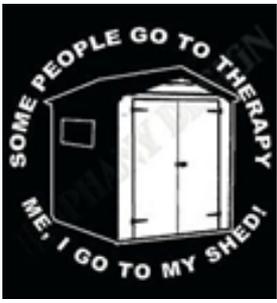
**Barack Obama - I believe he was one of the most genuine Presidents of the USA, and I would like to get his take on his successor**

### *My favourite way to spend my holidays?*

**Pre Covid, I loved to travel the world and see some of the great destinations. I think we will all have to adjust to what holidays are in the future, and perhaps take the opportunity to better explore our own "back-yard"**

### *Something most members probably don't know about me?*

**When I was in school in the UK, there was a rumour that one of the younger Princes may attend this school, and so the Queen made an extensive visit in 1966 or 1967. As I was a Head of House at the time, I was introduced to Her and we chatted for a few minutes. As I was only 17 at the time, it was obviously a great occasion, and made a lasting impression on me.**



# Keeping Time with the Domino Effect



**The 2022 TTTG Sydney Tool Sale is on....  
Sunday 20 February 2022  
at the Brickpit Sports Stadium, 1A Dartford Road, Thornleigh NSW  
- put it in your diary.  
The doors open at 9.00am and close at 1.00pm.  
Entry fee is \$10 - person, 16yrs and under are free.**

**TTTG's Sydney Tool Sale is Sydney's biggest used tools sale.**

**Change to a bank that you'll feel good about**



**We'll donate \$1000 back to Hornsby Woodworking Men's Shed  
when you take out a new home or investment loan with us**

The Turrumurra and Lindfield branches of Bendigo Bank are a Community Bank – meaning that they are a locally run franchise of Bendigo Bank, owned by local shareholders.

Whilst providing all the same products and services as the big four banks, the Community Bank offers a much greater level of personal service, connection to the community and support of local organisations and charities.

In fact up to 80% of profits go back to the Hornsby and Ku-ring-gai communities.

In the last 17 years, more than \$2.8 million in the form of donations, grants, sponsorships, and dividends has been returned to our local community.

When you bank with the Community Bank, you're making a real difference to our community.

**SUPPORT YOUR COMMUNITY.**

**Bendigo Bank**

**Contact the team at either-**

Turrumurra 9488 9496 or

Lindfield 9416 6337

**Community Bank  
Turrumurra and Lindfield**

The Cutting Edge is a monthly publication to keep members connected and informed, if you have any projects, news, jokes, recipes, great stories etc you would like to share please send your submissions to [hwmscuttingedge@gmail.com](mailto:hwmscuttingedge@gmail.com)

### Acknowledgements

Hornsby Woodworking Men's Shed acknowledges the support provided by:

- the Hon Matt Kean, local state member of parliament for Hornsby
- the Hon Alister Henskens, local state member of parliament for Ku-ring-gai
- the Hon Julian Leaser, the local federal member of parliament for Berowra
- Hornsby Shire Council
- Hornsby RSL Club
- Magpies Waitara
- North Shore Timber
- Westfield Hornsby
- Bendigo Banks, Turramurra, and Lindfield
- Bunnings Warehouse Dural and Thornleigh.
- Orangelime Web Design
- Coca Cola Amatil
- Bakers Delight Hornsby
- Please support the organisations that support HWMS.



# Hornsby Woodworking Men's Shed

## Committee

President	David <u>Tarran</u>	hwmspres@gmail.com
Vice President	Robert Plant	hwmsvicepres@gmail.com
Secretary	John Dear	hwmssec@gmail.com
Treasurer	Michael Kevin	hwmstreas@gmail.com
<b>Members' Representatives:</b>		
Membership	Kevin Wallace	hwmsmembers@gmail.com
Public Relations	Tracy Knights	hwmspr@gmail.com
Toys	Glenn <u>Shapter</u>	hwmstoys@gmail.com
Woodturning	Ian McKay	hwmswoodturners@gmail.com

## Shed Support Roles

Welfare Cutting Edge – Monthly IT	Jane <u>Ruemkorff</u> Ivan Bosnich/Phil Newman Ron Fellows	hwmswelfare@gmail.com hwmscuttingedge@gmail.com hwmsithelp@gmail.com
Auditor Bunnings BBQ's HSC Liaison Cutting Edge Quarterly	Keith Peel  David <u>Tarran</u> /Robert Plant Philip <u>Hirshbein</u> /Tom Gait	
Equipment Maintenance <i>Bandsaw &amp; Dust Collection Lathes Table Saws &amp; Compound Saws Thickness &amp; Routers Small Tools</i>	Ian Raper – Coordinator <i>Ian Raper/John Talbot Ian McKay/ John Edwards Mark Lusted/ Yuval Cohen David Boyd/John Barrett Phil Newman/Roger Thorburn</i>	If there is a problem with equipment, please notify a supervisor and have the problem entered equipment book at the front desk for Ian Raper to resolve
Events – Social Secretary Grants Induction Kitchen Librarian Supervisors Paint Supplies Possum Boxes Purchasing Consumables Support Services Tool Donations Web Master	Philip <u>Hirshbein</u> David <u>Tarran</u> /Tracy Knights Kevin Wallace Michael Hannagan <b>Vacant</b> David Harrison Ron <u>Koutchavlis</u> David Boyd Bruce Campbell Philip <u>Hirshbein</u> Kevin Wallace Karen <u>Benhar</u>	