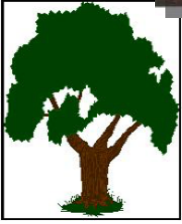


Flitch 'n Chips



Issue No.282
December, 2020

PRESIDENT'S REPORT

G'day Woodies,

It never ceases to amaze me how the calendar can speed up at the end of November and heading to Christmas. I hope everyone is managing to finish off those gifts before the big day arrives. This year has highlighted the importance of being a member of a group of like minded people who, without knowing it, sometimes provide moral support just because they are there and add some kind of normality to your life.

It has been a big year for the Woodies with Shed closures, Covid distancing, hand sanitising, a large number of new members, new equipment to train on, timber collection, working bees, Open Days, training courses and, of course, loads of toys for the Salvos....I'm getting worn out just typing this! The list of courses for next year is being put together and so far we have Box Making, Intarsia, Cabinet Making, Tool Restoration and more. Keep your eyes out for more information on dates.

Saturday December 12th saw the Woodies' Christmas Function at Flaxton Gardens and for once the weather stayed calm for a few hours and an enjoyable time was had by the 72 who attended. Part of the celebration is the presenting of the Presidents Awards, a particularly difficult choice this year as so many people have put in extra effort this year. After much deliberation, the awards went to.....

Vicki Shuley and Julie Breen for "The forward planning, leadership and encouragement to others in the running of the 2020 Open Days."

John Isles and Terry O'Connor for "Outstanding service to the Guild in the role of Shed Managers. The reliable operation of equipment in the Shed is essential to the enjoyment of woodworking for

Pam McLeod for "Keeping members informed of the latest news and developments in the Guild through production of the monthly Newsletter Flitch & Chips."





Closing days for the Shed this year are **25th December** and **1st January** and don't forget the Shed Captains on 26th and 2nd....they both love fruit cake!

The Management Committee would like to wish all members and their families a safe, happy and enjoyable Christmas and New Year. To anyone not feeling the best, our thoughts are with you.

**Max Barranger
President**



Maintenance Report *by John Isles*

- Laguna Bandsaw. I replaced 2 blades on this machine. I think we all need to be concerned about the cost of replacing these blades so frequently. Ask yourself before using this bandsaw what is the procedure I am going to use? Is the blade clean, free from build-up of resin? If not, then set about cleaning the blade or get it replaced. What pressure should I be applying to cut the timber? If we force the timber into the cut, then we will create heat which in turn will cause resin to build up on the blade teeth. Some indications of resin build up would be a burning smell or very fine sawdust appearing as you are cutting and the force you need to do the cut.
- The new Nova Viking variable speed drill has been installed. Read the manual near the drill for operating instructions. Don't be afraid to use it.
- The 3TPI blade has been refitted to the Wadkin. Don't forget that you need to be accredited to operate this machine.
- A start has been made on extending the timber storage area. The roof is nearly completed.
- Festool Kapex drop saw. I found a piece of timber jammed up behind the blade. I was unable to use the saw to its capabilities. I had to remove the blade to release this piece of timber. These things need to be reported so people aren't harmed, or damage caused to the machine.
- The Jet 14" bandsaw has had a couple of blades changed due to breakages.
- The pop-up docking saw is now back in operation. The blade has been resharpened and new belts fitted.
- It is disappointing to see the build-up of resin and glue on the drum sander again. Check your piece of timber before using the drum sander and clear as much glue as possible from it. A couple of tips for getting the best use of the drum sander. Clear as much glue as possible from the timber before sanding. To set the height of the drum, put your piece of timber on the belt under the drum head, lift the cover, rotate the drum by hand and lower the drum until the drum just touches the piece of timber. Remove the piece of timber. Now you're ready to begin sanding. Instead of adjusting the drum after each pass, run your piece of timber through a couple of times on the same setting. After doing this, lower the drum no more than an 1/8 of a turn and repeat. By following this procedure, you will notice that you will get a smoother finish on your timber. Don't forget to clean the drum after you have finished your work.
- It has been brought to our attention that there is an issue with the Makita Trim Router -the issue being that there are different size collets for different size router bits, mainly 1/4" and 6mm. The workshop router bits are 1/4" that fit this machine and if you are using this trim router make sure that the correct size collet is in place. The box makers have some router bits with different shank sizes which need different collets. If unsure ask someone. I will investigate why our router bits are not all the same sizes.
- Santa Claus is on his way with the new Woodman Table saw.

Merry Christmas to you all and all the best for the 2021.



Member Profile

DAVE PURCELL

I have been with BRWG for 5 years now and have been concentrating on wood turning, but have a great interest in everything else that is happening around me as well.

Interestingly enough my original career started in a paint shop, working for the Canadian Airforce as a summer job. I decided not to return to finish grade 12 after two years trying and then was moved to the carpenter shop for the winter.

I emigrated to Australia in 1971 and eventually joined the Department of Civil Aviation. I spent 19 years looking after pilots - flight planning and search and rescue watch, until becoming redundant in 1992. I spent 10 years of under employment working with whatever I could find and then did a stint for the Royal Flying Doctor in Alice springs before moving back to Canada for 7 years in 2007 and settling into Maleny in 2015.

My relaxation is music, good books and wood turning.
Perfect happiness is being loved.

The best piece I have made so far was my flora vase made from camphor laurel, a high undertaking from a complete novice.

I like all music except probably country and western.

The one thing I would have liked to do was to learn to fly.

My advice to young people today is stay young.

My philosophy in life is to strive to follow the teachings of the Baha'i Faith as best as I can and love everyone I meet.

I try to draw inspiration from everyone I meet. Dislike road rage and beetroot.

I want to learn to do boxes when I get a round tuit .

Dream travelling is cheap but I prefer Tassie and Canada also as there are parts I've never seen.



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DAVID BLACK
PROPRIETOR

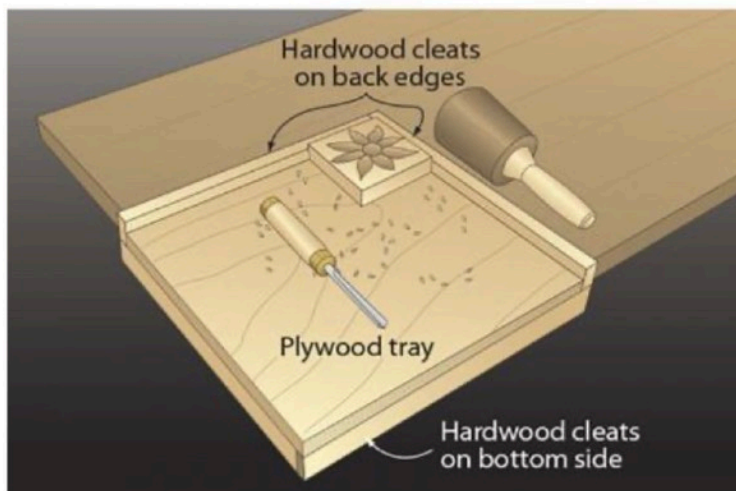


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Tips and Tricks



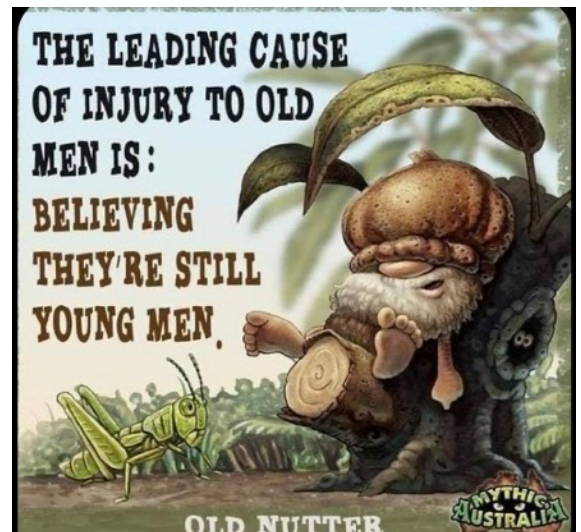
Corner hook gives a better hold on carvings



After more than 30 years of woodworking, I'm finally trying my hand at carving. But instead of investing in an expensive carver's vise, I improvised this handy benchtop carving "hook."

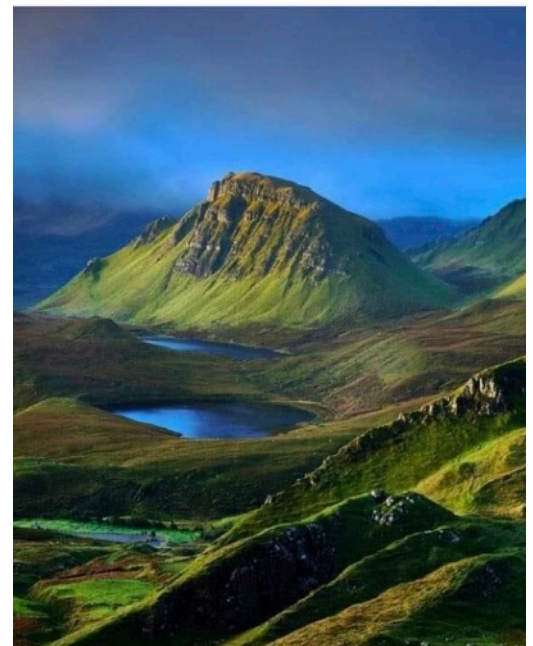
Because the bottom cleats bear on the corner of the bench, you can carve from different angles. And because it's portable, you can take it outside to the picnic table to carve on nice days.

—Serge Duclos, Delson, Que.



The Isle of Skye, connected to Scotland's northwest coast by bridge, is known for its rugged landscapes, picturesque fishing villages and medieval castles.

More information: <https://bit.ly/3grQ3ls>



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THE WONDER ADHESIVE – EPOXY.

The invention that was voted the GREATEST INVENTION OF THE TWENTIETH CENTURY was the cats' eyes you see on the road to indicate the centre of the roads etc. A little bit of trivia! But,

If they every create a Hall of Fame for materials and inventions, epoxy resin would be a shoe in. This exceptional substance is the adhesive of choice when you really do not want two surfaces to come unstuck; holding bits of an aircraft together, for example, or the rotor blades of wind turbines. Epoxy resin is also resistant to heat and chemicals while some are waterproof and are even capable of curing under water. They are also excellent electrical insulators.

Epoxy is a thermosetting plastic. When it is mixed with a catalyst (hardener), it forms crosslinks with itself, curing into a robust material. The raw compound comes in many forms including low viscosity liquids, a powder and formulations which 'stand' (just like toothpaste) when mixed. Because the hardener is also highly variable, a broad suite of cured polymers can be created with differing properties, including curing times.

Its invention started in 1936 by Swiss chemist Pierre Castan who was developing an adhesive for denture repair. The biggest market now is for protective coatings. Here, the ability to fix tightly to a surface and resistance to just about everything, makes epoxy ideal in coating boats, washing machines, pipes and even inside tin cans. And of course, wood.

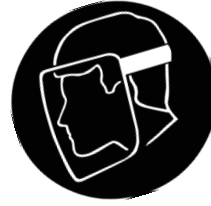
The Interesting qualities about epoxy resins are the many chemical formulations possible to suit various applications. They can be designed to secure steel cables in rock-faces, to build suspension bridges. These are high strength formulations. They can be designed to pour, to be injected and, from a woodies perspective, unlike a lot of the adhesives we use, they are gap filling.

Whereas PVAs, resorcinol, phenolics and a lot of other commonly used adhesives have to have matching surfaces to effectively create a bond by the crosslinking process, epoxies can be designed for high strength bonds while providing a material to fill gaps between the surfaces and still maintain the bond's strength integrity.

At the shed, we use Techniglue, a locally made adhesive, which has high strength, gap filling qualities and is easy to use. Some tips about its use are listed below:

- ✚ By volume it is 2:1 (resin:hardener) and by weight, it is 1:0.46 (resin:hardener). It is important to mix it at the correct ratio. A variation of no more that 5.0 % either way will not affect the bond or strength but it may cause an imbalance of resin to hardener when the kit is finally used up.
- ✚ One very important advantage is the open and closed assembly time. Dependent on the ambient temperature, assembly of complex glue-ups which take time can be effected before the adhesive starts to gel (harden). The product is available in a winter or summer grade. The universal product to use is the summer hardener.
- ✚ The chemical reaction which takes place between the resin and the catalyst creates heat so it is unwise to mix a large amount because the heat from the chemical reaction will cure the adhesive in the mixing pot.
- ✚ Epoxy resin can be applied to one surface only and then the assembly put together for clamping. It is not advisable to apply full clamping pressure immediately, but allow one surface to "WET" the other by applying light clamping pressure for about one to two minutes. This allows adhesive transfer to the other surface and wetting of the fibres. After the wetting takes place, full clamping pressure can be applied. Premature clamping can cause too much glue squeeze and result in glue-line starvation.
- ✚ Gloves should be worn at all times handling epoxies. Avoid getting it on the skin as users have been known to develop an allergy to the chemicals used.

Safety Notes *by Russ Middlecoat*



Just a brief report this month as I am pleased to note no injuries were recorded for the last month.

I wish to remind all members of the importance of wearing suitable foot ware while attending the club. Whether you are actively engaged in woodwork or just visiting, this applies to both the main shed and the Henderson shed.

Whereas the club does not require the use of safety foot ware (steel cap boots or shoes), it does require everyone to wear closed in shoes or boots. That is, no thongs, sandals, scuffs etc. This also applies to visitors you may bring to the club.

On another note. A reminder to those of us who are accredited on the refurbished Wadkin band saw. It is a club requirement for the time being that **two** accredited persons are required to operate this machine. One person to act as a safety/ brake man. The reasons were explained by Frank Bizley during your accreditation instruction. At this stage Frank is the only person able to grant accreditation on this machine.

I would like to wish all members and their families a very Happy Christmas and a safe New Year.

Around the Shed



Our group enjoyed 2 days and dinner with "The Travelling Woodturner" Pat learning plenty of tips and tricks. He very generously shared so much of value with us and we're eager for him to return again one day soon so we can build on what we've learned. Massive thanks to Greg for organising this workshop - we're all so grateful.

Angie



Making a Stand

A chance conversation between Maleny and District Sport and Recreation Club's Mike Norman and Lionel Tilley of the Maleny Rotary Club about needing a lectern led straight to the Blackall Range Woodcrafters. With his twin hats as a Rotarian and Woodie firmly tilted, Lionel presented Mike's request to the next Woodies meeting. Woodie Ron Turner, a former manual arts teacher at Maleny State High School and retired on the Range, immediately offered to design and build a timber lectern for use during presentations at the MDSRC clubhouse and Beersheba Living Museum.



(L to R) Lionel Tilley, Mike Norman and Ron Turner

The result was the surprise delivery of a beautiful piece, made from local timbers comprising red cedar and tallowwood, with the modern functional design reflecting Ron's masterful timber-work style.

Mike, who is President of MDSRC said "I really want to thank Ron and the Blackall Range Wood Crafters and Lionel and the Rotary Club of Maleny. The Covid situation temporarily closed all groups' venues down, including ours. But the upside was we took the opportunity to have a chat about what was still needed to make our venue even more user-friendly. We are delighted to be the recipients of this lectern, a unique addition that will get plenty of work now our facility is in use.

(Article supplied by Ron Turner)

SILKY OAK BOXES:

Some members visiting the workshop over the past two months may have noticed the appearance of some largish Silky Oak boxes being made by Ray Bryant and some of the Thursday crew, and most probably are wondering 'what could these be for?'

Some time ago, via a member's family connection, the Guild was approached by Rowing Queensland to make these interesting boxes. Why?



Rowing activities are on water and the best water is quiet water, usually found on dams, lakes etc., away from the Club's base. Regattas are held and winners of events are usually presented with the perpetual trophies owned by the club. Getting these trophies to and from the regattas involved removal from the display cases at the club in West End, Brisbane, transport to the regatta via car with subsequent potential damage. These trophies are valuable, so a means of packing and transport was devised in the form of these Silky Oak boxes.

At the regatta, the boxes, lined internally with the maroon Queensland colour, can be displayed with the front sliding door removed and presented to the winners of events at presentation ceremonies.

After Committee approval for this as a Club project, Ray constructed these boxes to be robust, using a 45 degree lock mitre joint and, considering we only see him one morning a week, his commitment to this club project has been terrific. He has also designed the sliding doors with magnets to hold them on the rear when the boxes are open and the trophies on display at the regattas.

The boxes will be delivered before Christmas, all going to plan. Well done by Ray and the Thursday helpers.

(Article by John Muller)

MIVA MAHOGANY, ROSE MAHOGANY & SCENTLESS ROSEWOOD:

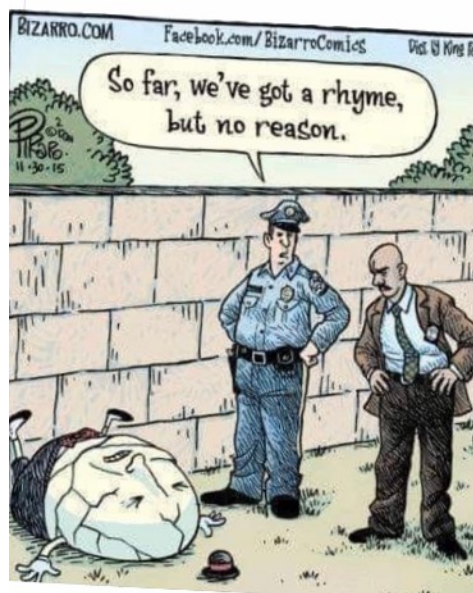
The Club has acquired some good stocks of Miva Mahogany (Red Bean) *Dysoxylum muelleri*, and members are starting to use it. It is timely therefore to make all members aware of its properties.

First, as you can see by the title of this article, there are three species with very similar appearance but very different properties. For instance, Scentless Rosewood, obviously has no distinctive odour, is difficult to glue and has a resin which over time will migrate to the surface through finishes. There is a way to prevent this happening; clean the surfaces with methylated spirits prior to applying the finish. The second species, Rose Mahogany *Dysoxylum fraserianum*, has a delightful odour and works well and is very rare now.

However, Miva Mahogany (Red Bean), is very different, not in appearance, but in the handling department. It affects Woodies the same as Mackay Cedar, also known as Red Siris. The sanding dust and shavings cause an irritation to mucous membranes. This can be serious, causing lots of sneezing, nose bleeds and severe headaches.

The small job shown in the photo, four small trophies, made using Miva Mahogany, even with taking all precautions (filtered mask), caused extremely bad conditions when the writer worked the full day in his workshop.

In conclusion, it is a lovely wood, but be careful handling this species. (Article by John Muller)





Brian Harris made this beautiful table which has most unusual legs and is beautifully finished.



Keith Carter made this gorgeous camphor laurel coffee table recently. The measurements are 1100 mm Long x 600 mm wide x 400 mm High. He finished it with Sanding Sealer, then progressively sanded to 1200 grit. He applied 7 coats of Antique Wax (see above photo for details - it comes in light/medium/dark) What beautiful figure the timber has!

Memories from a Long time member, Helen Walker

We saw a photo of boxes inside boxes and I thought I would show you my husband's novice prize about 15 yrs ago. The wood was red cedar given us by Ray Curry. We are still in the club, although too old to enjoy the "hands on" activities.

We are very proud of the wonderful club we have now and thought you might enjoy seeing this historical effort.
Regards Helen and John Walker



XMAS PARTY AT FLAXTON BARN



RAFFLE WINNERS



MASTER of Ceremonies, Rick Vickers



PRESIDENT'S SPEECH (captivating!)



A few empty
bottles!!!!



Who's Who in BRWG Inc 2020-2021

Patrons - Andrew Powell MP, Andrew Wallace MP, Winston Johnston (Local Councillor)

President	Max BARRENGER	
Vice President	David EDMOND	
Secretary	John MULLER	
Asst Secretary	John MACLAREN	
Treasurer	Tony GALLWEY	5478 6932
Asst Treasurer	Julie BREEN	
Newsletter Editor	Pam McLEOD	
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Training / Demo Officers	Phil LANE	
Safety Officers	Russ MIDDLECOAT & Sarah ODGERS	
Welfare Officers	Pam McLEOD	
Events Organiser	Rick VICKERS	
Shed Managers	John ISLES & Terry O'CONNOR	0409 050 418
Providor	Vicki SHULEY	
Purchasing Officer	Keith MUIRHEAD	
Projects Officer	Keiran SIMPSON	
Librarian	Max BARRENGER	
Social Media	Sarah ODGERS & Micheal BROSANAN	
Timber Management	Bruce CHAPMAN & Ron DONALD	
MVA Sportsground Committee Representatives	John MULLER	

