



# Flitch 'n Chips

Issue No. 193

July 2013

## Presidents Report

Hi Fellow Woodies,

Welcome to all new members. Please ask to be accredited on machinery as soon as you feel safe and comfortable on that equipment and to all accreditation officers please offer your assistance to new members to help them get accredited as soon as possible (see information on accreditation below).

As safety in the shed is our main priority please clear up after yourselves, put away any tools you have used and put any scraps of wood into the scrap box. Talking of scrap, many thanks to Hamish who bags up the waste timber and sells it for firewood on behalf of the club, bringing us funds from what is just waste.

Max Barrenger has put together a book on the Maleny Community Centre doors and I would highly

recommend all members take a look at the club's copy stored in the tea room. Well done Max, you did an excellent job on the book.

On Friday, August 23rd we'll be having a visit from approx 40 members from the Sandgate Men's Shed to see what we get up to. They will provide a BBQ lunch for everyone so it would be nice if we could have a good show of members to demonstrate our talents and also support the club. Several other clubs have also made enquiries about visiting our club; our reputation is obviously spreading.

The Club AGM will be held next month on August 24th when all positions on the committee become vacant. Whether a new member or old, please consider offering your services.

A reminder is due that it is against Club policy to work on recycled timber on our machinery. The chance of damage to cutting blades is too great to risk.



The Club Open Day, cancelled in March due to bad weather will now be held on Saturday September 7th.

To all our members not feeling the best at the moment, and particularly Elizabeth Vandernerff, we're all thinking of you and wish you all a speedy recovery.

Keep the wood pile low and the shavings high.

Happy Woodworking,

Frank McDonald  
President



*This is what Hamish is really doing with the off cuts!!!!*



### Accreditation

A new system of accreditation has been introduced to encourage more new members (and not so new) to acquire skills and enjoy their woodworking experience more.

When a new member receives a Blue ID badge, they will need to acquire 6 Accreditations before applying for a printed members badge.

The accreditations will be indicated by a red spot applied to the name badge by the Accreditation Officer.

\*\*\*\*\*Accreditation Officers and Shed Captains please keep an eye out for blue badge holders and help and encourage them to get those accreditations.

### ***New Members this month....***

536	Wade Wilson - Beerwah
537	Raphael Szymis - Maleny
398	Robert Heelan - Flaxton(returning)
"A Big Woodies Welcome"	

## Maintenance Report

by Brian Harris

- 29/6 Old 18" band saw has been refurbished with new tyres vulcanised onto the old wheels, this time they are crowned to ensure that the blade stays centrally on the wheel. Other modifications have also been made thanks to the welding capabilities of Ted. This saw will now be used for cutting blanks for turning.
- 1/7 A new Bosch Orbital sander has been purchased as it was not economical to repair the worn out one.
- 6/7 Laguna 18" Band Saw - New blade fitted and a tall fence has also been supplied to enable veneers to be cut. It is also envisaged that a 25mm bi-metal blade will make a considerable difference when

it is fitted. So this saw will no longer be used to cut out turning blanks, the old 18" saw is there for that purpose.

- 10/7 14" Band Saw - Adjustments to the blade guide bearings have been made to stop the blade slipping off.

Hegner Scroll Saw - Someone has used excessive force when fitting a blade to this saw, bending the top bracket and requiring a spanner to loosen the blade clamp, as the key supplied with the machine for the purpose was also bent. Such force is not required to secure a scroll saw blade.

## Tips and Tricks

By Warne Wilson

### SHARPENING ROUTER BITS.

Router bits wear like any other cutting tool, and sooner or later you will notice roughness or tear-out in the cut, or worse than that, smoke in the air from a bit that is rubbing, not cutting. The best advice I can give is to send the bit away for sharpening, but there are a couple of things you can do at home to help keep bits clean and sharp:

**CLEANING.** The first thing I do to a blunt router bit is to give it a good scrub with methylated spirits and an old toothbrush (Or a new one!) to remove any dust, resin or tar build up. (But don't soak it, particularly if it has a bearing.) Then, if the bit has a bearing, remove it with an allen key.

**HONING.** The next thing is to touch up the cutting edges. For this use diamond honing files. (You've seen these files. They're colourful pieces of plastic about 25mm x 120mm with various grits of abrasive adhered to one or both sides.)

Don't try to touch up or sharpen the contoured edges of a router bit. Not only will this change the cutting profile, it can also affect the balance of the bit, which can be dangerous. Only hone the flat surfaces (the fronts) of the cutting edges.

Usually it takes just a couple of strokes over a medium grit diamond file, followed by a couple passes over a fine-grit diamond file. To do this, clamp the file along the edge of your bench. This way the flat part of the bit can be in contact with the diamond file

Use your thumb to keep the flat surface of the carbide cutter perfectly flat on the diamond file. After a couple passes on one flat, do the same for the other flat. To keep the bit "balanced," (both cutters taking an equal bite when routing), try to maintain the same amount of pressure on each flat and make the same number of strokes across the file.

## Safety Notes

By Warne Wilson and Dave Banister



**BANDSAWS** - Possibly the safest woodworking machines when used correctly, but these machines are involved in safety incidents causing blade breaks. One such incident occurred during last month when a member tried to cut a round piece of wood on our new Laguna band saw. The piece was not supported and the blade grabbed, causing deformation and breakage of the blade. Fortunately the operator was not injured. We have jigs available to support

round pieces of wood on the bandsaws. If you are unsure please ask the shed captain for guidance.

Other broken and deformed blades in the past have been caused by members attempting to cut irregularly shaped pieces, particularly when cutting turning blanks. Please make sure that the side in contact with the plate is flat with no possibility of rocking.

*Congratulations*

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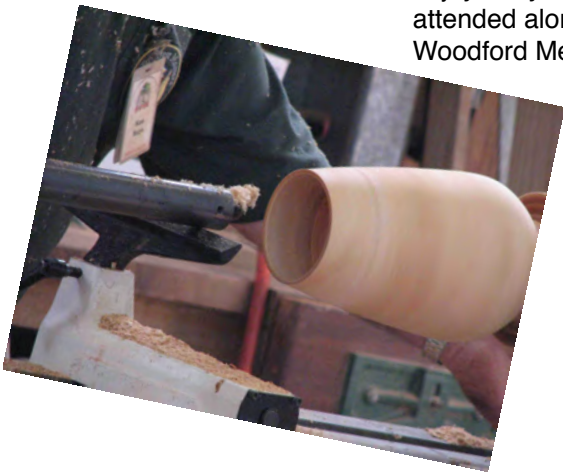
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Maroochydore Qld 4558





Our June Demo given by turner Ken Rays, renowned for his Thin Wall, Deep Turned and Pierced Bowls was enjoyed by the large number of Members who attended along with the visiting members of the Woodford Men's Shed



I know, I saw it right away too.... No safety helmet or safety glasses.... And no hearing protection!

And I caught something else that is really important: He has no gloves on.

I might be up in age but I am still sharp as a tack. . . .

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## TIMBER OF THE MONTH - PREPARED BY GRAHAM BRADFORD

### Mango

**Scientific Name.** mangifera indica. **Family.** Anacardiaceae

**Common Name.** Mango.

**Description and Distribution.** A tree native to South Asia.

Mango trees grow up to 35–40 m tall, with a trunk diameter to 2 m, and a crown radius of 10 m. The trees are long-lived, and some specimens still fruit after 300 years. In deep soil, the taproot descends to a depth of 6 m, with profuse, wide-spreading feeder roots; the tree also sends down many anchor roots. The leaves are evergreen, alternate, 15–35 cm long and 6–16 cm broad. When the leaves are young they are orange-pink, rapidly changing to a dark, glossy red, then dark green as they mature. The flowers are produced in terminal panicles 10–40 cm long. Each flower is small and white with five petals 5–10 mm long, with a mild, sweet odor suggestive of lily of the valley. The fruit takes three to six months to ripen. The seed contains the plant embryo.

**Properties.** Mango trees supply a ready source of reasonably soft, stable timber for use in all facets of the timber craft industry. This timber is particularly susceptible to and is encouraged to accept, spalting. This is a natural phenomena produced when some species of timber are subjected to semi-moist conditions over extended periods. Mildew, watermarking and the forerunners of rot begin to appear, therefore care must be exercised in the control of the process and careful drying is resumed before any destruction occurs. Timber treated in this way displays amazing markings in the finished product. While these markings are deliberately encouraged, the process is a natural one and spalted wood can be sourced from the wild.

**Colour.** Because of the spalting that is commonly present, the wood can be a kaleidoscope of colors. Normally, heartwood is a golden brown, while other colors such as

yellow and streaks of pink and/or black can also occur. Paler sapwood is not always clearly defined. Curly or mottled grain patterns are also common.

**Average Density.** 670 kg/m<sup>3</sup> @12% m.c.

**Grain/Texture:** Grain can be straight or interlocked, with a medium to coarse texture and good natural luster.

**Shrinkage:** Radial: 2.5%, Tangential: 5.4%, Volumetric: 8.1%,

**Rot Resistance:** Mango is rated anywhere from moderately durable to perishable, and is also susceptible to both fungal and insect attack (lyctus borer).

**Workability:** If interlocked or wild grain is present, tearout is common when machining. Reaction wood may also be present, which can shift as it is being sawed, potentially causing binding on the blade. It has a fairly high silica content, and will readily dull cutting edges. Glues and finishes well.

**Common Uses:** Furniture, musical instruments, veneer, plywood, turned objects, and flooring.

**Comments:** Known much more widely for its fruit, Mango trees also yield beautiful and valuable lumber. The wood is considered very eco-friendly, as some Mango plantations harvest the trees for lumber after they have completed their useful fruit-bearing lifespan.



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FROM THE WORKBENCH



Leigh Boynton has accepted the position of Test Pilot for all Squatters Chairs



Hugh McKenna has produced another masterpiece for his toy collection.



After much scraping, sanding, staining and lacquering, Graham Shackell returned this chair to its former glory.



More scrollsaw work from John Close with this Perpetual Calendar

Don Meredith didn't have the space for the real thing so produced a "Grandson Clock" using his Scrollsaw.



Demonstrations

From Lionel Tilley

Our July demo will be conducted by John Holland on the subject of 'preparation of segmented bowls for turning', an excellent way to use up small pieces of timber. An example of one of John's bowls is shown on the right. The date of this demo is the 27th. at 9am



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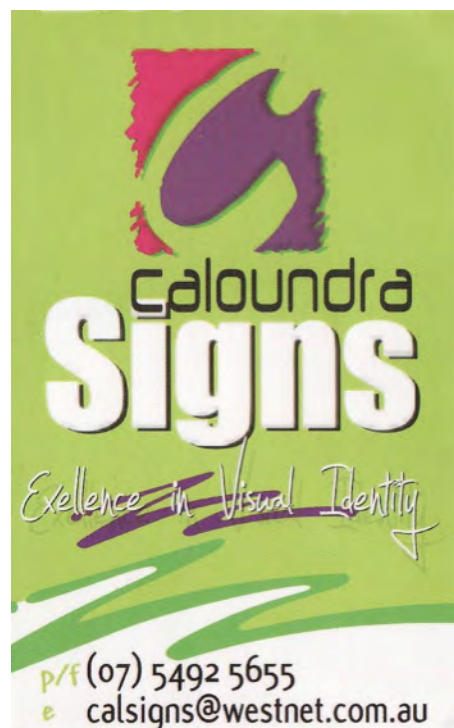
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Shed Times 8.00 - 11.30	
Monday	General Activities
Tuesday	Turning & Carving
Wednesday	General Workshop & Toys
Thursday	Furniture & Joinery
Friday	General Activities
Saturday	General Act. & Demo's



Who's Who in BRWG Inc. 2012-13		
Patrons - Peter Wellington MP, Andrew Powell MP and Cr Jenny McKay		
President	Frank McDonald	5435 2495
Vice President	John Muller	
Secretary	Dave Edmond	5478 6932
Asst. Secretary	Spike Bettega	
Treasurer	Keith Muirhead	5445 9037
Asst. Treasurer	Huah McKenna	5476 1454
Newsletter Editor	Max Barrenger	0408 437 375
Website Editor	Dave Edmond	5478 6932
Publicity Officer	Ray Williams	5442 9340
Recruitment Officers	Dave Banister, Lionel Tilley, Tom Black, Jeff Harrison	
Activity Officers	Ray Curry, John Drew, John Clarke, Warne Wilson, Dave Banister, Peter Simpson, Keith Muirhead, Brian Harris, Max Barrenger	
First Aid Officer	Andrew Eberhard	
Events Organiser	Rick Vickers	5494 3555
Shed Managers	John Holland, Brian Harris	
Amenity Officer	Hamish Borthwick	
House Officer	Hamish Borthwick	
Purchasing Officer	John Holland	
Training Officer	Lionel Tilley	
Librarian	Brian Holdsworth	
Timber Management	John Holland, Frank McDonald, Ron Donald, Phil Gibson	

#### Shed Captain Roster - July 2013

Monday		Tuesday		Wednesday		Thursday		Saturday	
1	John Clarke	2	Ray Curry	3	John Close	4	Phil Krisanski	6	Keith Muirhead
8	Brian Harris	9	Frank McDonald	10	Max Barrenger	11	Ray Bryant	13	Graham Bradford
15	John Muller	16	George Blowers	17	Hugh McKenna	18	John Drewe	20	Warne Wilson
22	Dave Banister	23	Tom Black	24	Leigh Boynton	25	John Holland	27	Keith Muirhead
29	Lionel Tilley	30	Ray Curry	31	John Close				

\*\*\*\* All Fridays = Frank McDonald

#### Shed Captain Roster - August 2013

						1	Phil Krisanski	3	Graham Bradford
5	John Clarke	6	Frank McDonald	7	Max Barrenger	8	Ray Bryant	10	Warne Wilson
12	Brian Harris	13	George Blowers	14	Hugh McKenna	15	John Drewe	17	Keith Muirhead
19	John Muller	20	Tom Black	21	Leigh Boynton	22	John Holland	24	Graham Bradford
26	Dave Banister	27	Ray Curry	28	John Close	29	Phil Krisanski	31	Warne Wilson