

167 Main St, Montville
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Flitch 'n Chips

Official Newsletter of the Blackall Range Woodcrafters Guild Inc.

Issue No. 156

June 2010

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Website: www.blackallrangewoodies.org.au

Shed Ph: 0409 050 418



President's Column

Good-day everybody

It's getting close to our Club Expo. This is probably our biggest event of the year. **Be sure to participate.** You can submit your favourite creation. There are ten categories, so your piece will fit somewhere. You can also put items up for sale. Last, but not least, you can help out: you can help set up or help take down, you can help out on either or both the days. Look at the noticeboard in the shed and write your name down somewhere. Let's show what this club can do.

On the issue of what this club does, we should thank Doug Skinner for building two sets of silky oak tables. See the picture inside. One set has been donated to the Sunshine Coast Hospice. A big thanks also to Brian Harris for his efforts in improving the operation of bandsaw #2. Thanks also to Hoopers Engineering for their timely help.

We had a good day out at the Brisbane Wood Show. We purchased a new router table. Now, we've had some problems with that table. Have a look at the picture of Jacqui Porteous and Frank Bizley with the table and see if you can work out what these problems might be :-)

We have put some effort and money into improving the road into the Shed. Please drive slowly along the road (< 10kph). Also the posts are there for a reason. So take care.

Don't forget the raffle. Our Treasurer reports that we had good sales at the Chainsaw to Fine Furniture Show at Maleny.

Have you been watching the Soccer World Cup? If so, you must have heard the horns blaring. The horn is called a vuvuzela, and produces a sound at a dangerous level of 122dB. What does that mean? As a safety officer, I commend Iain Green's article on hearing protection, the first half of which appears in this issue of the newsletter.

We are approaching changeover time — that time of year when a new management committee is elected. See the back page for a list of positions vacant. Nomination forms are now available. Give it some thought, or pressure someone you think would be suitable. The official changeover will take place on the day of the August meeting, that is, Monday 9 August.

*— All the best
Dave Banister*

Shed Times

Mondays	General Activities
Tuesdays	Turning & Carving
Wednesdays	General Workshop & Toys
Thursdays	Furniture & Joinery
Saturdays	General Activities & Demos
General Meeting	2nd Monday of the month 9:30

WOOD EXPO 3/4th JULY 2010 at MONTVILLE

The Montville Wood Expo 2010 is upon us again and will take place on Saturday and Sunday 3 & 4th of July.

You are asked to support and promote your club in this event by volunteering to assist in one or more of the many tasks that we as members are required to make our show a success. Apart from entering your 'woodie skills' for sale or show please enter your name on the Notice Board for any of the duties on Saturday or Sunday. You will not be alone.

— Brian Harris, Coordinator

New Members

No: 427	Ross Stewart of Buderim.
No: 428	Philip Krisanski of Buderim
No: 429	John Cruickshank of Glasshouse Mts.
No: 430	Steven Loucas of Montville.
No: 431	Jack McKenzie-McKay of Parrearra.
No: 432	Laurie Smith of Nambour.

A big BRWG welcome to you all.

Membership Renewal: First Notice

All memberships are renewable on:

1st July 2010

*Keith Muirhead
Treasurer*

Shed Captain Roster

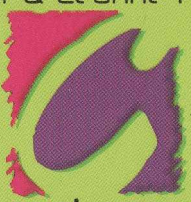
July 2010

Mondays		Tuesdays		Wednesdays		Thursdays		Saturdays	
						1	John Holland	3	Keith Muirhead
5	Brian Harris	6	Tom Black	7	Max Barrenger	8	Lionel Tilley	10	Dave Banister
12	Dave Banister	13	Ray Curry	14	Cec Wakerley	15	Terry Crowson	17	Warne Wilson
19	George Blowers	20	Frank McDonald	21	Leigh Boynton	22	John Drewe	24	Peter Simpson
26	Dave Banister	27	George Blowers	28	John Close	29	John Holland	31	Keith Muirhead

August 2010

Mondays		Tuesdays		Wednesdays		Thursdays		Saturdays	
2	Brian Harris	3	Tom Black	4	Max Barrenger	5	Lionel Tilley	7	Dave Banister
9	Dave Banister	10	Ray Curry	11	Cec Wakerley	12	Terry Crowson	14	Warne Wilson
16	George Blowers	17	Frank McDonald	18	Leigh Boynton	19	John Drewe	21	Peter Simpson
23	Dave Banister	24	George Blowers	25	John Close	26	John Holland	28	Keith Muirhead
30	Brian Harris	31	??						

Brent & Leanne Harris



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Brian Harris and John Holland unpacking the helix spiral cutter for the 15" thicknesser, prior to installation. The replacement was not a simple job, certainly not a case of plug and play. However, the results are said to be very smooth and very quiet.



George Blowers on the rack!



The new turners' storage rack. Built to last by Leigh Boynton, John Close, Cec Wakerley and George Blowers



Brian Harris fixing the guide on Bandsaw #2. The new guide rollers will provide a much better operation.



Jacqui Porteous and Frank Bizley demonstrating some of the features of the new router table.



A box for transporting the prize for the Australian National Gliding Championship. Made by John Holland and Ray Bryant. Pyrography by James Parsons.



Some of the work being done on the road into the Shed. Please drive past slowly and admire the work. In fact, please drive carefully and slowly at all times, to make it last.



Doug Skinner and his two sets of nested tables, made in silky oak. One set has been donated to the Sunshine Coast Hospice.



Tables created by Peter Isherwood and Dave Edmond under Dave Southern's expert eye. Each rail and each leg has a floral carving. The top is finished with a "rope" carving.



Lidwina Bryars attending Spike Bettega's turning course. Spike looks a little concerned.

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C'mon in and say G'day!

..... Rob & Toni



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Change for Goods and Chattels

We understand there has been a change of address to:

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- Wood Lathe
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- \$400 ono
- Dave Borland, 0418 788 602

Timber Flow and Storage Report

The kiln was emptied on Sat 5 June. We did not entirely re-fill the kiln, so there is space for you to place some special timber of your own.

— Kiln Gang

Safety Notice

Whilst we can recommend and provide safety equipment such as ear muffs, safety visors etc; it is the responsibility of every member to ensure their own safe use of equipment and the wearing of appropriate shoes, ear protection, visors etc.

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Hearing Protection

This part 1 of an article by BRWG member Iain Green. It first appeared in Issue 66 of the Australian Wood Review

Some years ago, I was completing a pre-employment medical check and the Doctor commented that I had some mid-frequency hearing loss. While I hadn't noticed any hearing problems, I wasn't too surprised, as I have occasionally used power tools without hearing protection over the years. As it tends to develop through small changes, I think that hearing damage can creep up on you. The ultimate prospect of course, is to become profoundly deaf as we get older and the isolation this leads to is not a place anybody wants to go.

Measuring sound levels: The human ear can meet an enormous range of sound intensities. The difference in watts/sq metre between a sound at the threshold of human hearing and a space rocket on takeoff, can be a factor of 10^{15} . To accommodate this range, a logarithmic scale is used to measure sound intensities and is called decibels or dB for short. On this scale, a 3dB increase corresponds to a doubling in sound intensity and 10dB is a 10 fold increase. Interestingly, the human ear interprets a 10dB increase as a doubling in loudness which is fortunate as this somewhat compresses the apparent sound range. On the decibel scale, a sound intensity approximately at the threshold of human hearing has been set as 0dB. The decibel ratings of some common sounds include:

dB	Activity
0	Threshold of hearing
10	rustle of leaves, a quiet whisper
20	average whisper
20.50	quiet conversation
40.45	hotel, theatre between performances
50.65	loud conversation
65-70	traffic on busy street
65-90	train
75-80	factory noise (light/medium work), cordless drill
90	heavy traffic
110-140	jet aircraft at takeoff
120	rock concert, staple gun
130	threshold of pain
140-190	space rocket on takeoff

The effect of this logarithmic scale is that a 10dB increase at the bottom of the scale is very small in absolute terms whereas a 10dB increase from 120dB say, implies a very significant increase.

Noise induced hearing loss: Our hearing depends on hair cells in the inner ear that convert sound energy into electrical impulses that travel to the brain. These hair cells cannot grow back if they are damaged. The energy from an intense "impulse" noise can cause immediate and permanent hearing loss. Fortunately, noise from most woodworking machinery is unlikely to be loud enough to cause immediate damage. Prolonged exposure to sounds

of less than 75 decibels is unlikely to lead to hearing loss. However, long or repeated exposure to sounds of 85 decibels or more can cause hearing loss. The longer the exposure above 85 dB and the more it is above 85 dB, the more likely it is that permanent damage will occur. It is thought that continuous exposure to this type of noise can cause molecules to develop in the inner ear which can damage the hair cells.

In assessing any situation, the question is how loud, how close and how long is the exposure. Adjusting any of these can reduce the risk of hearing loss.

Prevention of hearing loss: Noise induced hearing loss is 100% preventable. Firstly, you need to understand the likely range of noise in your workshop. Noise varies a lot between different types of equipment and depends on what you are doing. Here are some indicative noise levels that I've collected from a range of sources to give an idea of what can be expected:

Cordless Drill	68-73 dB
Chisel Mortiser	74dB
Drum Sander	75dB
Dust Collector	82dB
Jointer	88-104dB
Bandsaw	90dB
Compressor	92dB
Belt Sander	90-95dB
Moulder	92dB
Radial Arm Saw	92-100dB
Hand held Belt Sander	101dB
Jigsaw	101dB
Orbital Sander	101dB
Table Saw	84-103dB
Mitre Saw	105dB
Biscuit Jointer	105dB
Router	100-115dB
Circular Saw	118dB
Shop-Vac	123dB
Framing Nailer (pneumatic)	125dB

Noise from woodworking equipment certainly has the potential to cause hearing loss.

To be continued.



A vuvuzela at 122dB.

Do Not Read This Joke—if you're Australian

An Aussie stockman and his wife had just got married and found a nice hotel for their wedding night. The man approached the front desk and asked for a room.

He said, "We're on our honeymoon and we need a nice room, with a good strong bed."

The clerk winked, "You want the 'Bridal'?"

The drover reflected on this for a moment and then replied, "Nah, I reckon not. I'll just hold onto her ears until she gets used to it."

May Machine Maintenance

05/05/10 Vicmarc lathe head cam broken, now repaired.

06/05/10 Jointer blades replaced.

08/05/10...No.1 Band Saw blade replaced.

10/05/10 No.2 Band Saw new blade and adjusters lubricated.

10/05/10 No.3 Band Saw new thrust bearing, and adjustments made.

29/05/10 No.2 Band Saw two new tyres fitted to the wheels.

— Brian Harris

July Expo – Annual Competition

The annual competition for Novice and Open members will be in the following 10 categories:


- 1 Wooden Toy-making;
- 2 Clock-making;
- 3 Small Joinery;
- 4 Large Joinery (over half square metre footprint);
- 5 Box making (any style and size);
- 6 Wood-turning (Face-plate/Chuck);
- 7 Wood-turning (Spindle)
- 8 Wood-carving (Traditional);
- 9 Wood-carving (Power Tool);
- 10 Miscellaneous.

All members are urged to enter at least two items, but not more than three in each category. Entry forms and item tags are available at least the week before EXPO from the Event Competition team leader. **Entries close 3pm Friday 2 July** at the Community Hall but if inconvenient entries may be brought to the Shed beforehand.

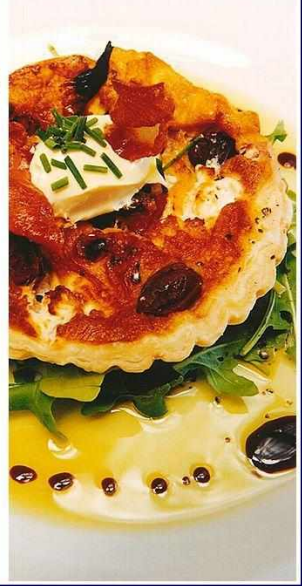
Who's Who in BRWG Inc. 2009-2010

Patrons: Peter Wellington MP and Cr Jenny McKay

President	Dave Banister	5439 9113
Vice President	Cec Wakerley	5439 9862
Secretary	Jeff Harrison	5478 5692
Assistant Secretary	George Blowers	5441 1597
Treasurer	Keith Muirhead	5445 9037
Assistant Treasurer	Peter Dallimore	
Newsletter Editors	Kay Chambers	5443 9631 (before 7pm)
	Dave Edmond	5478 6932
Publicity Officer	Gerry Zwart	5445 7212
Recruitment Officers	Dave Banister	5439 9113
	Lionel Tilley	
Events Organiser	Rick Vickers	
Safety Officers	Peter Simpson, Dave Banister	
Activity Officers	Ray Curry, Cec Wakerley, John Drew, John Clarke, Warne Wilson, Dave Banister, Peter Simpson, Keith Muirhead, Brian Harris	
Shed Managers	Doug Skinner, John Holland, Brian Harris	
Amenity Officer	Alan Boag	
Timber Sourcing	Ron Donald, George Blowers	
Timber Flow, Storage & Kiln Officers	Warne Wilson, Ron Donald	
Purchasing Officer	Lionel Tilley	
Librarian	Brian Holsworth	



mmm...
The food really is delicious!



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