Shire Woodworking Club Inc.
(Reg. No. Y2889524)

SAWDUST & SHAVINGS

Volume 21 Issue 9

MAY 2019

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Secretary: Graham Ethell
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Treasurer: Alan Ritchie
Committee Members: Ray De Marco, Roger Dixon & Barry Gardner

SUB-COMMITTEES & Auxiliary Positions

Assistant Secretary: Roger Dixon
Assistant Treasurer: Roger Walsh
Project Sub-Committee: Bob Davis, Barry Gardner, Bob Quigley, Alan Ritchie, Ray Tregoning.
Librarian: Roger Walsh
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Newsletter Editor: Barry Gardner
Assistant Newsletter Editors: Ray De Marco & Maurice Smith
Catering Officers: Richard Cain, Michael Green, Steve Lansley, Trevor Lewis, Neil Mathews, Lynn Messenger & Roger Walsh
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Raffles: Peter Mott
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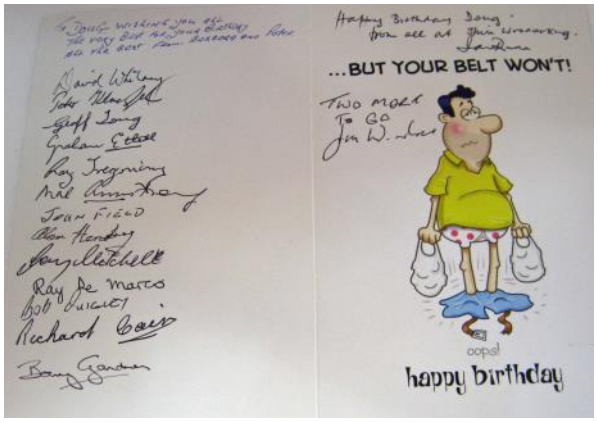
Toymaking: Malcolm Armstrong, Barry Gardner, Gary Halder,, Steve Lansley, Lyn Messenger, Glen Reeve, Reno Scriberras, Maurice Smith & Ken Tyson
Woodcarvers' Liason: Ron O'Malley

I'm a woodworker I cannot fix stupid but can fix what stupid does.

A VERY SPECIAL VISIT TO THE SYDNEY CHILDREN'S HOSPITAL, RANDWICK for their "GOLD DAY" see story page 5.



It is not often we have the oportunity of celebrating a member's 98th birthday. In fact it has never happened in our Club history.

It must be something to do with "the smell of sawdust in the morning".

Our Club was privileged at our April Maxiday to celebrate our most senior member Doug Wickens 98th birthday. Happy Birthday Doug.

Library Matters

We have received the June 2019 issue (No 275) of Fine WoodWorking.

Interesting articles on 'Resawing by hand', how to 'Build a Curved-Leg Stool' and Better ways to read grain and make the most of your lumber'. Magazine is in the club library/display holder located on the white board outside the galley.

If you are scratching your head wondering about a toy to make as part of the plank competition. There are a number of books in the library that may help, viz Making Inventive Wooden Toys (35 projects), Animal Puzzles for the Scroll Saw (50 Projects), Tremendous Toy Trucks (12 projects). You can also get some ideas from the Toys and Joys magazine as well as the Australian Toy-Maker magazine. All available from the library.

Happy Woodworking

Roger Walsh , Club Librarian

OUR 2019 PLANK COMPETITION IS ON AGAIN

YOU HAVE TO BE IN IT TO WIN IT

It is not too late to enter. Please register your interest with Ray De Marco immediately.

Your Plank is ready to be collected at the Lilli Pilli Workshop

You have 4 months to complete your entry and have a chance of winning a prize and at the same time having a lot of fun.

Judging will take place on Maxiday Saturday, 14 September, 2019

MAXIDAY: SATURDAY 11 MAY, 2019 AGENDA

8:45am Open Lilli Pilli Workshop
9:00am Monthly Meeting
9:30am Video
10:00am Morning Tea
10:30am Show & Tell
11:00am Woodworking Tips
11:30am Our new Laser Cutter/Engraver review
12:00pm Lunch
1:00pm Raffle Draw
1:15pm Our new Laser Cutter/Engraver review cont.
2:00pm Members own projects
About 3:00pm Close

Raffle Prize Winners

13 APRIL 2019

1st Prize: David Johnson $25.00
2nd Prize: Bob Quigley $15.00
3rd Prize: Rod Mallison Bottle of Wine
4th Prize: Michael Green $5.00
5th Prize: Maurice Smith Box of Chocolates

SAFETY

SAFETY FIRST: Members are asked on all club days to bring along and use their personal safety gear. ie. earplugs, dust mask and eye protection and ensure they are wearing good sturdy protective foot ware and no loose fitting clothes.

If you would like to receive this Newsletter please email the editor at shirewoodworking@bigpond.com or if you have an article that you think would be suitable for publication in this newsletter your Editor would be most pleased to receive it.

OUR LASER CUTTER/ENGRAVER UPDATE REPORT.

President Ian together with Treasurer Alan and Roger have been busy learning the computer programs that enable this laser to produce some exceptional items as discussed below.

The Music Therapists at the Sydney Children's Hospital Randwick asked if we could make a keyboard puzzle to teach the children the position of middle C on a keyboard. Alan undertook this task and after a few attempts produced the keyboard puzzle pictured at left. All was cut on the laser. The base in 3mm plywood, the white keys out of 3mm white acrylic and the black keys from 6mm black acrylic. Alan even engraved the note name on the base.

Also we were asked by the Therapists if we could make 10 or more iPad stands for use by the children in the hospital. iPads are used by patients when school is in. As well as entertainment medium and game playing. iPad get heavy after a short while. Ian went on the net and found a plan for such a stand. The result is seen at left.

Your editor is currently making two models of a Ford Mustang and thus required 8 wheels. As normal I started cutting out the eight wheels on the scroll saw and made 2 and realised that I had to make another 48 internal cuts just to finish the other 6 wheels. It dawned on me, I am a bit slow, that this could be a job for the laser. I elicited Ian to help. Which he did and came up with a program that cut the components of the wheels out of 3mm plywood. The laser cut all the components out for 9 wheels plus a few extras in just four and a half minutes. Not only that, the program is available forever and can be resized to suit any wheel size desired. In addition the wheels are all identical in size and shape much better than I can cut them on the Scroll saw. Many thanks Ian.

Another design that Ian has come up with is this guitar cut out. This is intriguing due to the fine lines for the strings. In fact each string is is two parallel lines. In addition rather than engraving the frets and lines then cutting the outline all was done using cutting only. All lines were cut on reduced poer so that they just cut into the wood maybe 1mm or so while the power was increased to cut the outline through the plywood. The cutting width of the laser beam is 0.3 of a millimetre.

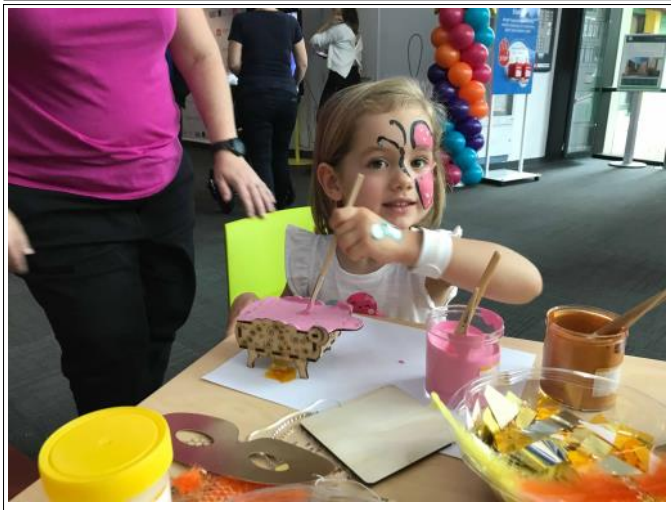
Another item made from a downloaded pattern is this box in the form of a stylised sheep box with opening lid.

The following photos show some of the Australian Animal Shapes cut and engraved for the Children's hospital Gold Day reported on at page 5. These shapes were first engraved and then cut out.

The following is a montage of entries in the wood craft competitions at the Sydney Royal Easter Show April 2019. Two of our members had entries with Geoff Tong getting a third prize in his section. Congratulations Geoff.

CARAPACE

This organic motion sculpture is made from just ONE log of 170 year old Murray pine and is dismantleable by hand without tools. Over 500 parts.



The Child Life & Music Therapists at the Sydney Children's Hospital, Randwick invited our Club to participate in a special "GOLD DAY" at the hospital on Wednesday, 1 May 2019. The theme for the day was Australian animals.

President Ian reported as follows "The club made a special donation of toys to Children's Hospital for their GOLD Day Special Event.

Regina McGrillen, Maurice Smith, Malcom Armstrong, Ray Tregoning and myself made the visit and were privileged to attend the event.

Along with a number of traditional handmade wooden toys it was our first chance to show the staff some of the new items that have been produced on our laser. We had made sheep boxes, kangaroos, koalas, Australian Native animals, spirographs and miniature cut out guitars. The miniature guitars were a big hit with Matt Ralph who is the Music Therapist.

We had the opportunity to share the visit with children who were patients at the hospital. The photographs show the activities at our designated table allowing us to assist in helping the children to paint. It was an immensely rewarding experience for us all and the staff at the hospital expressed their thanks to the Shire Woodworking Club."

Following on from this day Matt responded

"Hi Barry,

Thank you so much for arranging for the visit on Wednesday and for all the incredible items! The piano keyboard is truly terrific and I've used it with the kids of all ages so far and they have all been captivated by the mastery of the puzzle. It is truly a wonderful and unique piece and we are very lucky to have it in use in our program. The rattles and iPad stands, lovely animals and sheep boxes as well as my personalized guitars were all such a pleasure and surprise to receive.

I have got back in contact with the children in the photos and they have all expressed their consent for them to be included in your newsletter.

It was a very special visit for the children and staff and I hope for the team too.

Very much looking forward to our next visit,

Matt"

Guitars—Laser	19
Kangaroo & Joey—Laser	17
Kangaroo—Laser	17
Captive Ring Rattles	5
Koala in Tree 3D	4
Kangaroo Hopping—3D	1
Koala Coaster– Laser	5
Koala Plaque—Laser	8
iPad stands	13
Platypus, Wombat & Emu Plaque—Laser	7
Sheep Box—Laser	9
Other Small Box—Laser	1
Kangaroo & Joey—3D	3
Keyboard Puzzle	1
	110

Charitable Toy & Therapy Item delivery count to date for 2019

596

Some lessons in driving safely.

We were informed and entertained by Garth Bransgrove at our April Maxiday. Garth is the proprietor the Boulevarde Driving School. He spoke of the benefits of safe driving and some of the more abused driving rules. He gave us many tips to make our lives safer on the road. Here are a few of those tips and comments.

- A car travelling at 60Km per hour travels 16.66 metres every second. If it takes you 3 seconds to physically react to a driving situation then your car at 60kph would have travelled half a football field. At 100kpm it would have travelled just over 83 metres. An average car length is around 5 metres then how many car length distance should you allow between you and the car in front. We leave it to you to calculate. If anything more than what most drivers would say.
- Distraction of the driver is a major cause of accidents. The most common distraction is of course the mobile phone. Remember if you have your mobile phone is in your hand and not in a cradle and even if stopped with brakes on but motor running you are guilty of an offence. Best to take keys out of ignition and place them in a place in full sight.
- It is always wise when approaching an intersection or traffic where you lift your foot off the accelerator to rather than leaving it over the accelerator you hover your foot over the footbrake pedal. Doing so if urgent braking is needed you may save a second or two in applying the brakes. Refer to the first point above. Giving yourself reaction time is all important.
- If you start to feel tired or start to yawn when driving then you are already tired and should have stopped driving some hour or so before the feeling. Stop driving immediately. Have a rest for about half an hour before continuing to drive or better still hand the drive over to one of your passengers.

- Use turning signals. Let other drivers know what you intend to do.
- Avoid assumptions. Don't make the mistake of assuming what the other driver or drivers are going to do.
- Properly set the drivers seat and properly buckle up your seat belt. The correct distance for a driver to be from the steering wheel is where the drivers wrists are resting on the top of the steering wheel. When holding the steering wheel your hands should be in the 9 and 3 o'clock position. This position is preferred to enable the safety air bags to work efficiently if and when needed in an emergency.

Many thanks Garth for your most informative talk. President Ian is seen in the photo at left presenting a Ray T cutting board to Garth with our thanks.

The Caleche Carriage

In 1967 the Royal Agricultural Society Director announced that the RAS of NSW intended to purchase an old fashioned horse drawn carriage for use on official occasions at the Showground.

The Director felt that this carriage would add a touch of old world stateliness to the Showground on occasions such as the official opening of the Royal Easter Show.

An extensive search began and the caleche was purchased in the Netherlands in 1968. It arrived in Sydney in 1969, at the time of purchase the caleche was nearly a century old.

It was originally a cream coloured carriage complete with open lanterns and poles. The RAS also purchased a harness for four horses and livery for the coachman and footman in traditional style. It was repainted in 1969 and the coat of arms of the RAS of NSW applied.

It is used for the official opening of the Royal Easter Show each year and carries the Governor of NSW or the Governor General. The first time it was used, it carried Her Majesty the Queen, Prince Phillip, Prince Charles and Princess Anne to the main arena where they officially opened the 1970 Show.

It always amazes the quality of the woodwork produced by the coach makers in the 16th, 17th and 18th centuries.

A Story worth telling.

After our visit to the Children's Hospital as reported on page 5 we received a message on the Club's Facebook page as follows;

"Thank you all for the time and effort you have made making these amazing wood animals. Both my 2 1/2 year old twin girls have been diagnosed with Leukemia and we r in and out of Sydney kids at Randwick. They both love farm animals and these just made their day. Thank u. *Jacinta Jasmine Miller*

We would love for you to publish our photo and story. We r currently staying at my parents house in south Caringbah while the girls get treatment in at Randwick. The wood animals r such a great distraction for them. Thanks again, Patricia."

What can we say? Lets make more animals!!!

Ray's pocket knife does not cut the mustard.

It was reported in the current issue of Scrollsaw Woodworking Craft Magazine that Pegas, the Swiss scroll saw blade manufacturer has introduced to the market a band saw that uses blades from 1.02mm to 3mm wide. It was thought that members may be interested. However from what I can find out it is not available to the Australian market. It is not a scroll saw so that it cannot do internal cuts. However it can cut up to 150mm thick lumber.

The Pegas website describes the saw as follows

"PÉGAS® SCROLL BAND SAW - CREATIVITY IS YOUR ONLY LIMIT!

The Pégas® SCROLL BAND SAW is a global innovation which works with the finest and most precise saw blades that have ever been made. This unique development is dedicated to both hobbyists and professional users in the woodworking industry. The heart of the machine is a specially developed roller guide system that is perfectly adapted to the Pégas fine-cutting saw blades. The guide consists of one roll bearing above and one roll bearing below the machine table that contains a guiding groove which is adapted to the respective fine-cutting saw blade. The extremely slender fine-cut saw blade with a width of only 1.02 to 3 mm is guided perfectly without any twisting, enabling even the finest cuts with complicated shapes and the narrowest radius of less than 2 mm. The special tooth design avoids vibrations completely and provides for a high cutting performance with an incredible smooth finish of the edges. For soft and hardwood with a thickness of up to 150 mm."

The cost of the saw as advertised is US$1,440. Blade cost range from UD$25 for a #5 blade to US$30 for a #14. If you wish to know the size of the blades please refer to the chart with our scroll saws.

SHOW & TELL APRIL 2019

Geoff presented these handy jars and advised "I have made my share of stuff-ups over the years I've been doing segmented woodturning projects.

I didn't want to throw the mistakes away so I kept them in a bucket hoping they would come in handy some day.

Transforming the humble peanut butter or any screw top jar into a decorative container was quite a simple process.

Pick a "mistake" from the bucket and attach to a waste block. Hollow the segmented ring to fit the lid before gluing it with contact adhesive. The next day reduce the thickness of the ring to approximately 4/5mm. Sanding to 240 grit before parting off.

Use the expanding mode of the chuck to hold the inside of the object so you can tidy it up and cover the top with a thin piece of veneer.

Finish with a couple coats of polyurethane."

Barry presented this pair of Chopper Motor Cycles and advised "The plans for these motor cycles were obtained from AOBI Wood toy plans. However I thought the plans were a little large so I reduced them to 70% and made them at that scale. Each cycle has 45 pieces and if made again I would select a great group of timbers thus giving a greater contrast. The other thing I changed were the type and size of the forks. Instead of using 4mm square timber I considered the forks needed greater strength and cut them from 6mm square plywood.

The most frustrating thing when completing these cycle models was trying to ensure the completed motors that are the last item positioned in the frame were square to the frame. If made again I would have to think of some method of locking the motor square for gluing.

If members are interested they can view the plan etc on "www.youtube.com/aobiworkshop."

Maurice presented this bandsawn box and advised "My bandsaw box skills are slowly being developed. In between club projects, my Plank Competition entry work in progress, I have been slowly working on bandsaw boxes. The latest one shown on MaxiDay shows my progress.

When the club had its sale on state election day I was very pleased that two of my early bandsaw boxes sold for $10 each. This gave me a real confidence boost and I intend to work on improving my bandsaw boxes.

The design of the bandsaw box shown is simple, the skill enhancement this time was to focus on the finishing of the box. This time on the outside I used *Wipe-on Poly*, and for the inside of the drawer, I applied Flock (the colour is called "Burgandy"). Thanks to Malcolm Armstrong for the inspiration to use Flock. It is easy to use and gives a really lovely finish.

The front of the box and the base is maple and the rear and underside is plywood. The body is 3 layers of 19mm plywood, the colours of this plywood came up quite nicely with the Wipe-on Poly.

My next bandsaw box will be a little more ambitious, I'm thinking of an animal figurine, possibly a dog. Yes I know it's ambitious but I want to really develop some skills in this field and the only way to do that is to keep striving for new experiences."

Having made 4 models of the WWII Jeep recently I thought members would like to see how they were shipped around the world.

Talk about a precursor to Ikea.

All one needs is an Allen key. Ed.

SHOW & TELL APRIL 2019

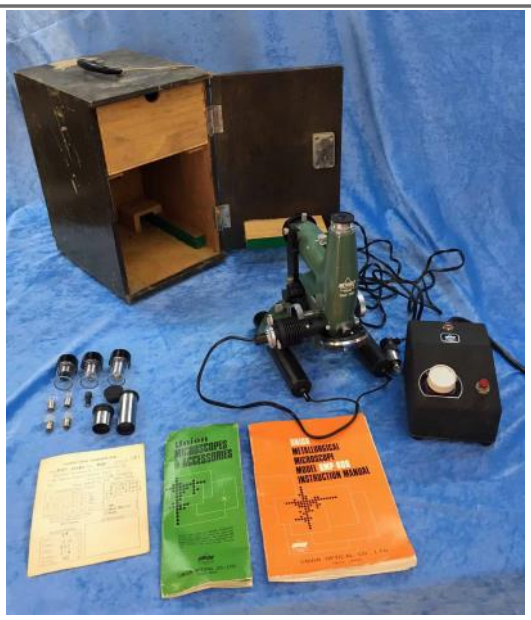
Ray presented these items with this story "In the 1970's I completed a wood turning course.

Turned spindles

One of the assessments was to turn four spindles with all the major shapes you need to be able to turn and make them all look the same.

Turned urn with lid

The urn with lid was also an exercise with all the standard shapes. The job was to make two of these urns the same. I still have both of them and I think the ones I made got real close."



A few months ago our Club was gifted the microscope pictured above. It is a Union Metallurgical Microscope. As our Club had no use for such a precise instrument your Executive determined that we should offer it for sale and thus bolster Club funds.

So at the end of April it was placed on Ebay for sale. So members if you would be interested in bidding for it or know anyone who might be interested please direct them to Ebay.com.au.

At time of going to press we can report we have had over 40 viewers and 2 registered watches who have since dropped off but at this time no bids.

Alan presented this Doll's House for the benefit of the Club and advised "The Dolls House was made by a friend of many years, Mr Robert Slotter, some 50 years ago. He arranged for it to come down to Sydney for my grand children who played with it for several years.

My contribution was marking out the tiles on the roof, re-arranging the electrics and placing the furniture in the rooms with double sided tape and ' blue tac' ....

I took this precaution as when ever the wind blew the furniture scattered..

However, this has made it more of a display house than an every day used toy, therefore it may not be suitable for the hospital.

But the Woodwork committee has several other options."

MEMBERS PLEASE NOTE:

Your
2019-2020
subscription is now due.
Please pay your $30.00
to Treasurer Alan at your earliest convenience

The Official Newsletter of the
SHIRE WOODWORKING CLUB Inc. Reg. No. Y2889524
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WHAT'S ON!

Saturday, 11 May, 2019
MAXIDAY
A VISIT FROM NORTH CRONULLA SURF LIFE SAVINGS CLUB
CPR DEMONSTRATION
HANDS ON OUR NEW LASER CUTTER/ ENGRAVER
SHOW & TELL
Tuesday, 14 May, 2019
Club Day, Lilli Pilli Workshop
Wednesday, 15 May, 2019
9:00am Club Day, Lilli Pilli Workshop
7:00pm Woodcarvers meeting
Thursday, 16 May, 2019
Club Day, Lilli Pilli Workshop
Saturday, 18 May, 2019
ELECTION DAY SALES EVENT
Lilli Pilli Workshop
Tuesday, 21 May, 2019
Club Day, Lilli Pilli Workshop
Wednesday, 22 May, 2019
Club Day, Lilli Pilli Workshop
Thursday, 23 May, 2019
Club Day, Lilli Pilli Workshop
Saturday, 25 May, 2019
Club Day, Lilli Pilli Workshop
Tuesday, 28 May, 2019
Club Day, Lilli Pilli Workshop
Wednesday, 29 May, 2019
Club Day, Lilli Pilli Workshop
Thursday, 30 May, 2019
Toymaking Day
Saturday, 1 June, 2019
Woodcarvers meeting
Tuesday, 4 June, 2019
Club Day, Lilli Pilli Workshop
12:30pm Committee Meeting
Wednesday, 5 June, 2019
Club Day, Lilli Pilli Workshop
Thursday, 6 June, 2019
Club Day, Lilli Pilli Workshop
Saturday, 8 June, 2019
MAXIDAY
PLANES & SCRAPERS
SHOW & TELL
Tuesday, 11 June, 2019
Club Day, Lilli Pilli Workshop
Wednesday, 12 June, 2019
Club Day, Lilli Pilli Workshop
Thursday, 13 June, 2019
Club Day, Lilli Pilli Workshop
Saturday, 15 June, 2019
Club Day, Lilli Pilli Workshop
Tuesday, 18 June, 2019
Club Day, Lilli Pilli Workshop
Wednesday, 19 June, 2019
9:00am Club Day, Lilli Pilli Workshop
7:00pm Woodcarvers meeting

PRESIDENT'S REPORT

It is timely to again acknowledge the NSW Government for the financial grant that has allowed the Shire Woodworking Club to purchase our own Laser Engraver. Our thanks to the Office of Mark Speakman MP for their assistance in our application.

April saw the installation of the new Laser Engraver and the first few weeks has been an enjoyable learning curve. The preparatory work that was carried out prior to the delivery has resulted in a smooth installation process and I would like to thank those members who contributed to this installation. As we get more members interested in the operation and potential of this equipment, we are discovering many new opportunities to make items that are suitable for Hospital deliveries and others that are suitable for sale items.

The Internet is a great resource for ideas and a number of completed files have been transferred to our laptop computer. In the short time we have used the laser engraver we have made multiple animal cut outs and small boxes that are quick to assemble and our first delivery to the Children's Hospital Randwick was enthusiastically received by their staff. The ability to be able to personalise items is of great interest to the staff at the hospital and in future they will give us the names of children a week before we are due to make a delivery. With this information we can provide individual items with the child's name engraved.

The club continues to attract new members and as a result there are times where the workshop becomes very busy. Please make sure that your work benches are left clean and no additional scraps of wood left behind. Machines must be brushed down on completion and dust gates left in the OFF position. Working safely is each members responsibility.

We have a vibrant club that is continually evolving and I urge you all to use the various committees to help make improvements for the overall benefit of members. We are in a unique position where the club can contribute to our community with regard to charitable worthwhile organizations and we should be prepared to go the extra mile to help those less fortunate.

Happy Woodworking

Ian Rudd

President

ELECTION DAY MARKET STALL

Members know that on SATURDAY 18 MAY, 2019 we have the AUSTRALIAN FEDERAL ELECTION.

As in previous elections we will have a stall at our Lilli Pilli Workshop selling our wares on Election Day.

Included in the sale will be the diversity of things made by our members from Cutting Boards, Toys, Boxes, Bowls, Vases, Children's Table and Chair sets, Stools, Pens, Christmas Decorations, etc.

All goods made from numerous varieties of wood including Rosewood, Silky Oak, Tassy Oak, Douglas Fir, River Red Gum, Hemlock, Spotted Gum, Radiata Pine, NSW Red Cedar etc.

So please tell your family and friends our workshop is open for business on Federal Election Day

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Federal Member for Cook
www.scottmorrison.com.au