

NEWS LETTER – MARCH 2022



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Executive Committee Contact Details

PATRON	Pat Thorpe	02 9524 2504
PRESIDENT	Phillip Dean	0416 090 289
VICE PRESIDENT	Simon Hardman	0423 934 187
SECRETARY	Glenn Lavender	0417 482 452
TREASURER	Steve Hooper	0401 987 003

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MARCH BIRTHDAYS

Barry Belford
Marjorie Butler
Clinton Findlay

Misprint in last months news letter.

It should have read

Val Lipping receiving his OBN not OBE.



PRESIDENTS REPORT



It's great to be back to some form of normality. Our Covid-19 conditions have now been relaxed in line with NSW Government guidelines. While not mandatory please consider wearing a mask when indoors.

Upcoming events:

- Next Saturday is the March Maxi Day and the demonstration is pens. Your host is Merv Larsson

Thank you to:

- Barry Belford for constructing and installing a proper dust extraction chute for Ray's lathe
- Bob Wyers for completing the electrical cord tagging.

A few reminders:

- Always wear enclosed footwear when you are at the club house and especially when using the equipment
- Sydney Water have access to their area to the left of our property. Please ensure that when parking that this access is not blocked
- We all have a responsibility to look after our machinery. No food or drinks are to be left on the machinery – **THEY ARE NOT TABLES**
- The Dust Extraction System is to be used only when sanding – not when you are turning your wood. We realise some wood shavings will get into the system but it is to be kept to a minimum. When you are cleaning up around your work area there are brooms and vacuum cleaners to do the job. **THE DUST EXTRACTION SYSTEM IS NOT TO BE USED AS A VACUUM CLEANER**

Until next time continue to enjoy your woodturning and/or woodworking.

Phil Dean
President

Minutes Committee Meeting

14th March 2022

Meeting opened by the President: 9.32am

Attendees and Apologies

Present: Keith Jones, Thomas Hill, Keith Moses, Keith Allen, Barry Belford, John Moss, Alan Pentecost, Phil Dean, Glenn Lavender, Chris McLennan, Val Lipping

Apologies: Simon Hardman, Steve Hooper, Frank Williams, Fred Ware

Minutes of the Committee Meeting dated 14th February 2022 to be discussed and confirmed.

There was no business arising from the minutes.

It was proposed that the minutes of previous meeting held 14th February 2022 as taken as read:

Moved by Barry Belford Second by: Keith Moses

Correspondence

Incoming -

Shire Woodworking newsletter has been received, this has been posted for general reading currently on notice board.
5 x email request from Oyster Bay Cubby House Web site for new members and timber projects for quotation.

Outgoing – none

There was no business arising from the correspondence

Reports – President, Secretary and Treasurer

There was no business arising from the Reports

General Business – Portfolio Managers

Safety: Update once Simon is back from leave.

Equipment Maintenance: Alan Pentecost – Dust extraction works this Wednesday (AP, GL).

Librarian: No addition information / changes.

Welfare: Keith Moses has made calls to various members for health check.

Training: John Moss has several new members under training Tuesday nights.

Catering: Chris ready for this week's Maxi day.

General Business

- Final update on the November 2021 water usage assessment: Confirmation SSC council has paid the outstanding water bill
- April Maxi Day – Easter Saturday: Confirmed this will proceed on Easter Saturday
- Dust chute completed for Ray's lathe – Thanks to Barry
- Electrical Cord tagging completed – Thanks to Bob Wyers
- E Waste: Discussion on what can be recycled
- Updating the constitution: Phil Dean – work in progress
- Privacy Policy: Phil Dean – work in progress
- Cloth backed sandpaper for sale to members - \$7 per mitre
- Purchase of a new computer and connecting to the internet: Phil Dean – work in progress
- Pen kit sales: Pen blanks to be ordered and hope to have stock available for sale this Saturday
- March 2022 Maxi Day. The demonstration this month is pens and the host will be Merv Larsson

Phil Dean: called meeting closed 10.28 am

A big thankyou to Williams Pens who recently donated 20 slim line pen kits to the Cubby House. Williams Pens may be alternative to timberbits (seeing you have to ship them from timberbits anyway these days). They have some specialty pen kits that timberbits etc don't have (dragon, pirate etc). Has a good website and is currently working on how he'll offer member discounts online (more to come on that soon).



- Tel: 0473 873 521
- [Email: info@williamspensandturningsupplies.com](mailto:info@williamspensandturningsupplies.com)

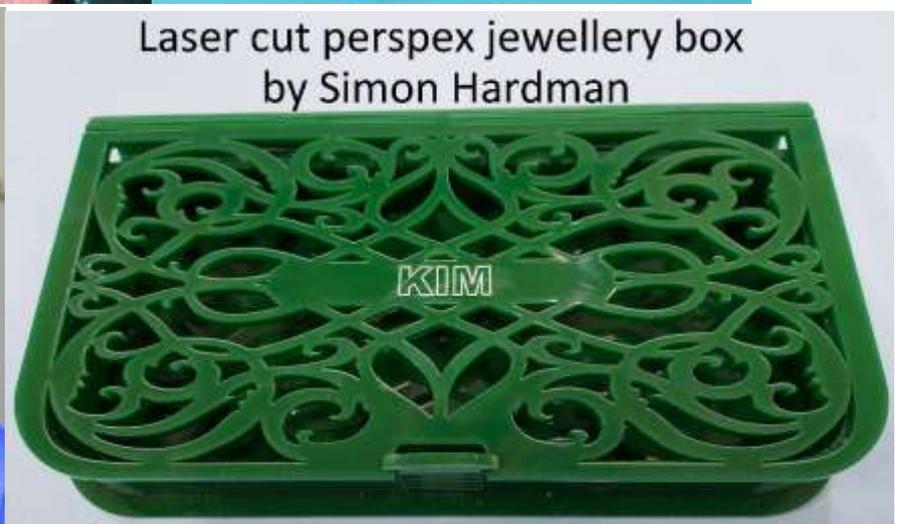
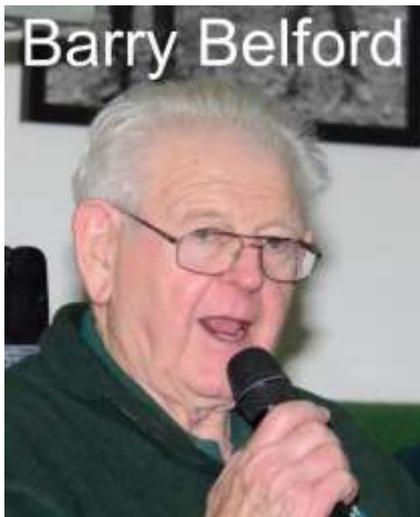
FEBRUARY 2022 show and Tell
BEST DISPLAYED ITEMS



Warren Olsen
 Best Displayed Turned Item



Simon Hardman
 Best Displayed Joinery Item





Trinket box in Blackwood & Rock Maple by Warren Olsen



Crepe Myrtle lidded box by David Brackenbury



Drop spindle by David Brackenbury



Teak clock by John Jansons



George Blundell power sanding a bowl



Food safe Wood finishing part 2

Thanks to Ken McEwen

Tung Oil

Tung oil has been used in China for hundreds of years to provide pleasant and durable finishes to wood. It can produce a hard durable finish almost to glossy and can be easily restored.



The oil is extracted from the nuts of a Tung tree *Vernicia fordii*.

The oil is made up of complex organic molecules like short strings known as monomers which have points where they attach to each other in the presence of oxygen and form long chains and side links join the chains together forming the coating on the wood.

Before looking at method it helps to understand how it all works.

Many products such as poly ester and other resinous materials are similar in their properties. They are in liquid form initially and may require a catalyst to harden.

In the case of Tung oil exposure to air in particular Oxygen is the trigger to setting and hardening

How does it work,

Think of the molecules of the oil like short pieces of string moving around randomly but when oxygen is present and attaches to one of the strings it is like a glue and link to other strings forming a long chain. But there are points on the molecule where cross links can occur this causes a hard protective sheet to cover the work.

However, if the coating is thick and wet if left can create wrinkling on the surface.

To get the best results it is important to not rush the process and allow time for the chemical process to occur.

There are many ideas of how to use the oil which version one uses depends on the type of finish required and the time the user is prepared to wait for results. This can be considerable and would be a matter of personable judgment.

To get the best results the wood should be prepared as follows, process 1) sanding, 2) wetting the surface with water and 3) applying the first coat

1). Sanding

It is considered best not to sand finer than 200 grit as it is best to keep the grain open to allow the first coat to penetrate as far into the wood as possible.

Note do not treat the wood with any oil or wax material such as triple E etc as it would stop the tung oil from penetrating. Leave the wood untreated.

2). Wetting the surface.

Wipe over the surface with a wet cloth to open the grain allow to dry.

3). The first coat.

particular attention to the first coat

3) Applying the first coat of Tung oil.

This is the most critical as it's important to get maximum penetration into the wood fibers.

There are two methods of applying the oil: -

- a) Using pure oil, the preferred option if food safety is the main concern
- b) Mixing the oil with a solvent such as Orange oil or Turps. Orange oil is food safe. This will speed the process but not by much.

Apply the oil to the surface by brushing or with a soaked cloth and work until the surface appears to be wet. Wait about 10 minutes or so and wipe off the excess

This is important to ensure that there is no wrinkling.

There are some misleading instructions about the use of various products based on tung oil.

It is stated that a second coat can be applied after 1 hour but this is really just adding to the first coat to get maximum penetration into the fibers.

Repeat this process several times until it is apparent that the wood cannot absorb any more.

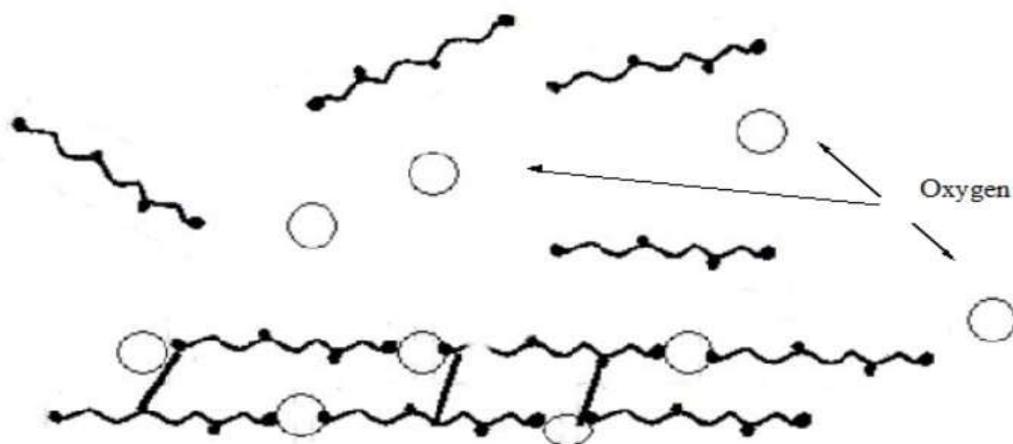
Make sure to wipe off any excess and now set aside for several days to allow setting to occur.

From this point apply extra coats wiping off the excess wait a few days and repeat this process until the desired finish has been achieved.

If it is decided to add a solvent to the oil or use a commercial product such as Danish oil or Kunos oil or other similar products be aware that they have solvents and other components and may or may not be food safe and that the same constraints regarding application apply to them with the additional requirement that time is allowed for the volatile solvents to dissipate completely before the work can be considered food safe.

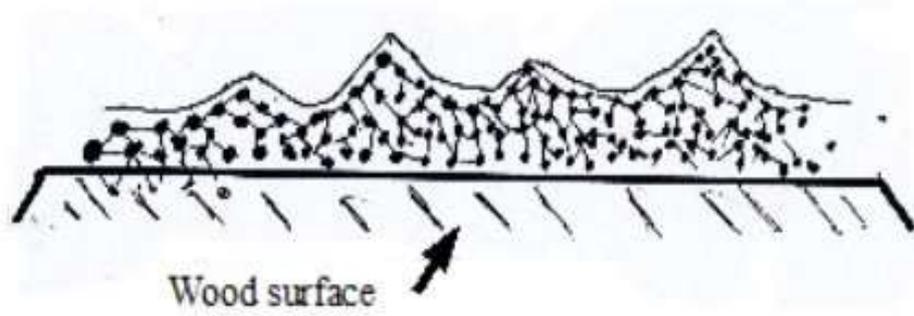
The following is a very simplified illustration of the processes that cause the final results of using Tung oil and similar products.

Note the molecules are much more complex and this is conceptual only.



Molecules (in the form of short strings) move at random through the liquid oil when exposed to air (oxygen) form into long chains with side links to other chains forming a hard dry surface.

Excess oil forms ridges as cross linking pinches off while fluid which hardens into wrinkles



Part 3 will look at waxes and other finishing material.

FOR SALE **New Bandsaw Blades**

New Bandsaw Blades are available to members at half commercial price.

Blade sizes are;

- 1/4" 6TPI Skip Tooth
- 3/8" 6TPI Skip Tooth
- 1/2" 18TPI Fine Tooth

They are quality blades made by L. S. Starrett Company Jedburgh Scotland.

The 1/2" blades have a very fine tooth, excellent for straight cutting of thin woods such as celtic knots giving a fine finish.

Information required is the length of the blade for your bandsaw OR a broken sample blade.

If you are interested in obtaining a new bandsaw blade please see;

Alan Pentecost, or
Merv Larsson.



EVENT CALENDAR 2022

Note: - The following information may be subject to change in date or content,
if in doubt contact a committee member.

March 2022

Tue	1 st	Mini Night 1700 to 2100 hrs
Wed	2 nd	Mini Day
Sat	5 th	Mini Day
Tue	8 th	Mini Night 1700 to 2100 hrs
Wed	9 th	Mini Day
Mon	14 th	Committee Meeting 0930 hrs
Tue	15 th	Mini Night 1700 to 2100 hrs
Wed	16 th	Mini Day
Sat	19 th	Maxi Day – Host Merv Larsson Theme: Pens
Tue	22 nd	Mini Night 1700 to 2100 hrs
Wed	23 rd	Mini Day
Tue	29 th	Mini Night 1700 to 2100 hrs
Wed	30 th	Mini Day

April 2022

Sat	2 nd	Mini Day
Tue	5 th	Mini Night 1700 to 2100 hrs
Wed	6 th	Mini Day
Mon	11 th	Committee Meeting 0930 hrs
Tue	12 th	Mini Night 1700 to 2100 hrs
Wed	13 th	Mini Day
Sat	16 th	Maxi Day – Host Michelle Brown Theme: -----
Tue	19 th	Mini Night 1700 to 2100 hrs
Wed	20 th	Mini Day
Tue	26 th	Mini Night 1700 to 2100 hrs
Wed	27 th	Mini Day

May 2022

Tue	3 rd	Mini Night 1700 to 2100 hrs
Wed	4 th	Mini Day
Sat	7 th	Mini Day
Tue	10 th	Mini Night 1700 to 2100 hrs
Wed	11 th	Mini Day
Mon	16 th	Committee Meeting 0930 hrs
Tue	17 th	Mini Night 1700 to 2100 hrs
Wed	18 th	Mini Day
Sat	21 st	Maxi Day – Host Keith Moses Theme: Arbortech
Tue	24 th	Mini Night 1700 to 2100 hrs
Wed	25 th	Mini Day
Tue	31 st	Mini Night 1700 to 2100 hrs

June 2022

Wed	1 st	Mini Day
Sat	4 th	Mini Day
Tue	7 th	Mini Night 1700 to 2100 hrs
Wed	8 th	Mini Day
Mon	13 th	Committee Meeting 0930 hrs
Tue	14 th	Mini Night 1700 to 2100 hrs
Wed	15 th	Mini Day
Sat	18 th	Maxi Day – Host Alan Pentecost Theme: Open Demonstrations
Tue	21 st	Mini Night 1700 to 2100 hrs
Wed	22 nd	Mini Day
Tue	28 th	Mini Night 1700 to 2100 hrs
Wed	29 th	Mini Day

July 2022

Sat	2 nd	Mini Day
Tue	5 th	Mini Night 1700 to 2100 hrs
Wed	6 th	Mini Day
Mon	11 th	Committee Meeting 0930 hrs
Tue	12 th	Mini Night 1700 to 2100 hrs
Wed	13 th	Mini Day
Sat	16 th	Maxi Day – Host George Blundell Theme: Pedestal Bowls
Tue	19 th	Mini Night 1700 to 2100 hrs
Wed	20 th	Mini Day
Tue	26 th	Mini Night 1700 to 2100 hrs
Wed	27 th	Mini Day

August 2022

Tue	2 nd	Mini Night 1700 to 2100 hrs
Wed	3 rd	Mini Day
Sat	6 th	Mini Day
Tue	9 th	Mini Night 1700 to 2100 hrs
Wed	10 th	Mini Day
Mon	15 th	Committee Meeting 0930 hrs
Tue	16 th	Mini Night 1700 to 2100 hrs
Wed	17 th	Mini Day
Sat	20 th	Maxi Day – Host Paul Higgins Theme: Custom/ Special Tools
Tue	23 rd	Mini Night 1700 to 2100 hrs
Wed	24 th	Mini Day
Tue	30 th	Mini Night 1700 to 2100 hrs
Wed	31 st	Mini Day