

**ILLAWARRA WOODWORKERS GROUP INCORPORATED**

[www.illawarrawoodworkers.org.au](http://www.illawarrawoodworkers.org.au)

**November 2022 NEWSLETTER**



**Illawarra Woodworkers Group**

**Committee 2022/23**

President	Mark Beaver
Vice -president	David Lipscombe
Secretary	Pat Keefe
Treasurer & P. Officer	William Perry
Assistant Treasurer	Jason Hedley
Coordinator (Organising)	Ric Funnell
Coordinator (Workshop)	Pat Keefe
Club sales coordinator	Ric Funell
Librarian	Peter Hansen
Newsletter	Jason Hedley

## General Business:

- School classes have started back this term. This is a great opportunity for the students to receive some practical, hands on learning. If you are interested in assisting with the classes on a Thursday, please speak with Mark or David. Thanks to those that assist with the students and who put a lot of time and effort to have the kits ready for the students each week.
- We are aiming to have a stall for club sales on the 25<sup>th</sup> March to coincide with the State elections being held at the school. We would like all members to offer their support and spend some time on the stall throughout the day. Please let us know what time you will be available.
- Regarding the stall, we are hoping that our items for club sales are all stoked up and ready to go before the day. If you have any items for club sales, it would be great if you could let Ric know. Smaller, lower cost items seem to sell very well at our sales so put some thought into what might work for you. Anything arty, whimsical or good and useful is a great start. Also, feel free to bring in any of your own items for sale on the day. Remember, to sell your items means being on the stall.
- We have recently updated our cordless drill and driver with the old ones being moved on for a small return. They will be kept with their batteries and charger together so if the batteries are getting low, remember to put on charge. Nothing worse than going to use a cordless drill without a charged battery.
- Please remember to always keep the workshop clean and tidy. After finishing on the tools, clean up the area. Don't leave jobs lying around on benches. If you have a project going, remember to label with your name and the date so that it does not get forgotten.
- Workshop safety must always be at the top of our list of priorities. Wear suitable clothes and enclosed shoes. Always clean up after yourself, especially the workshop stationary tools.
- The club library is available to all members with copies of Australian Wood Worker, Fine Woodworking etc available to get some ideas on your next project. Just remember to sign out and back in anything that you need.

**SHOW & TELL:**

Thank you to those that bring in their work to keep us all entertained and inspired.

As per usual, some absolutely wonderful works from Ric.



Always feel free to bring in you works, either complete or still in progress, to the general meeting for “Show and Tell”.

It can be a great opportunity to show off your work or to get some ideas from other members.

So what’s your current project? Drop a line with photos with a progress update to the editor and show off your works to other members.

## Wood Turning – The easy way to look good. (Cont.)

Wood lathes work with either reciprocating or continuous revolution. The reciprocating lathe is powered by a bow or a spring, rotating the wood first in one direction, and then in the other. The turner cuts on just one side of the rotation, as with the pole lathe. The reciprocating lathe may be human-powered with a bow, as well as with spring mechanisms. The reciprocating lathe, while primitive technology requiring considerable dexterity to operate, is capable of excellent results in skilled hands. For example, reciprocating bow lathes are still used to turn beads for the Arabian lattice windows called Meshrebeeyeh that so charmed Holtzapffel in the 1880s

Continuous revolution of the workpiece can be human-powered with a treadle wheel, or achieved with water, steam, or electric power. The style of cutting does not have the pause required by the reciprocating lathe's rotation. Even with continuous revolution, however, the turner controls the contact of tools and wood entirely by hand. The cutters are not fixed, nor advanced automatically, as with the metal-working lathe.

The nature of wood defines woodturning techniques. The orientation of the wood grain, relative to the axis of the lathe, affects the tools and techniques used by the woodturner. In spindle turning, the grain runs lengthwise along the lathe bed, as if a log were mounted in the lathe. Grain is thus always perpendicular to the direction of rotation under the tool. In bowl turning, the grain runs at right angles to the axis, as if a plank were mounted across the chuck. When a bowl blank rotates, the angle that the grain makes with the cutting tool continually changes between the easy cuts to two places per rotation where the tool is cutting across the grain and even upwards across it. This varying grain angle limits some of the tools that may be used and require additional skill from the turner. (To be continued next month.)

### Want to Share NEWS with other members?

If you have any articles, project notes, or humorous items to share with fellow Woodies, drop a line to Editor: [jason@hedley.net](mailto:jason@hedley.net)

