



TT



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HEALTH and SAFETY

"Some woods are toxic - all dust is toxic"

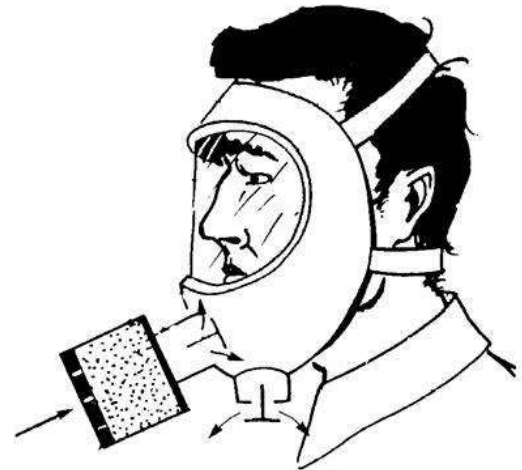
The NAW website contains very useful health and safety information about woods often used by our club members in their turning projects.

This information is now produced as a table and appended to the end of this TT newsletter.

Print off a copy for future reference.

Cheers

Clive



All members are strongly advised to wear suitable dust protection while turning and sanding wood.



MICHAEL DOYLE's sturdy-walled pot made in the final week of LOCKDOWN



MALCOLM Vaile can turn a pot/vase like this one in no time at all. That includes adding turquoise dust to fill the cracks.

Woo Hoo! We are now operating at capacity attendance. These are scenes from Wednesday night's session with all 13 lathes in operation. The Tuesday and Thursday sessions present a similar picture.



Several new members have been quick to take up places across all sessions and a list of members-in-waiting continues to grow. The club is now considering ways to accommodate several folk waiting to enroll in its 5-step induction course.





CHARLOTTE and **LANCE** (Mr and Mrs).

The cheery faces belong to a couple of our new members who have just finished their very first turning project.

(Spindle turning to make a knockout bar)

What a great start to a fun journey!

Hey club members!

Do you want more time to work on those turning projects

The club's workshop will be open on Saturday mornings 9.00am to 12 noon

A duty officer will be on hand to support you in your work.

Yes, the workshop will be open this Saturday morning.

(Tomorrow 27th June)

9.00am to 12 noon

Duty officer:

Andre` Duijnmayr



Exquisite! A royal gong for a top job.

RICHARD showcases his quite special turning.....a spalting rewarewa wood crush-grind pepper mill.



Wow! another great project!

STEPHEN O'CONNOR has reached the coveted "explorer" status as a wood turner.

Explorers have a shot at any challenge to stretch their creativity. They have fun with doing different stuff.



Currently listed in the Carbatec catalogue for \$155.00 incl GST

You could spend a lot of money buying dust protection for your wood turning projects. Prices range from a couple of dollars (for cloth face masks) to many hundreds of dollars for deluxe powered air models.

This is the *comparatively inexpensive* powered air model I now use to protect myself from toxic dust. This is a battery-operated face mask that is light to wear and efficient in operation. It's also cheap to run using AA batteries and, over time, has proved to be reliable.

TULIP wood was **RIC's** choice to turn this shallow bowl. A range of colours and grain lines provide the interest.

A smooth finished achieved too!



GARY ("Holey Moley") made a classy job of his swamp kauri platter.

This may be an indication that Gary is moving into making larger turnings eh.



New Thursday team turners **TRAVIS** and his dad **MIKE** look very pleased with their very first turnings.

These two super-keen recruits have made a flying start to their induction programme.



COLIN used Kowhai wood for his evenly-walled fold-over vase. Another prized gem.



AARON chose chestnut wood for his super-grained large bowl



DAVID achieved just about the finest finish ever with his deep kauri wood bowl.



IVAN made a top job of his natural edge bowl. A first attempt at a new style. Woo Hoo!

Dust and Toxic timbers

There are various forms of toxicity and harm caused by exposure to woods through dusts or by direct contact with the wood.

Keep a paper copy of this chart in your woodturning folders for future reference

A few woods are toxic. All dust is toxic.

Dusty jobs, especially wood processing using high-speed machines, are associated with the enhanced incidence of nasal cancer. Immediate effects may be: skin irritation; rash; itching; blistering; eczema; sneezing; runny nose; rhinitis; sore throat; eye watering; inflamed eyelids; conjunctivitis; headaches; cramps; coughing; breathlessness; wheezing and asthma.

The list below brings together information on woods often used by New Zealand wood turners.

Name of the tree	Reported effects
Alpine Ash, or Messmate, or Tasmanian Oak	Irritation to nose, eyes and throat, dermatitis
Apple (Malus spp)	Nothing reported
Beech, European(Fagus sylvatica)	Nasal cancer. Decrease in lung function. Eye irritation.
Beech, NZ (Nothofagus spp) species	Irritation to mucous membranes.
Black maire (Nestegis cunninghamii).	Nothing reported
Black walnut (Juglans nigra).	Sensitiser of skin and eyes.
Blackwood (Acacia melanoxylon).	Dermatitis, asthma, irritation to nose and throat. Sensitiser of eyes and skin.
Brush box (Tristania conferta)	Nothing reported
Camellia (Camellia japonica)	Nothing reported

Camphorwood (<i>Cinnamomum camphora</i>)	Nothing reported
Cherry (<i>Prunus</i> spp).	Nothing reported
Chestnut(<i>Castanea sativa</i>)	Dermatitis (possibly from bark lichens).
Ebony. (<i>Ebeaceae</i> spp)	Skin inflammation. Acute dermatitis, sneezing. Conjunctivitis. Possibly a skin sensitiser
English elm(<i>Ulmus procera</i>).	Dermatitis, irritation of mucous membranes, cancer
European ash (<i>Fraxinus excelsior</i>).	Decrease in lung function ⁵ Rhinitis, asthma.
European box (<i>Buxus sempervirens</i>).	Sensitiser, dermatitis, irritant to eyes, skin, nose and throat.
European walnut (<i>Juglans regia</i>).	Dermatitis, nasal cancer. Sneezing, rhinitis. Sensitiser.
Grapefruit	Nothing reported
Gum (<i>Eucalyptus</i> spp.).	Nothing reported for most species
Holly (<i>Ilex</i> spp).	Nothing reported
Jarrah (<i>Eucalyptus marginata</i>).	Irritation to nose, throat and eyes.
Kahikatea (<i>Dacrycarpus dacrydioides</i>).	Dermatitis, irritation to nose, throat.
Kamaha (<i>Weinmannia racemosa</i>).	Nothing reported
Kanuka (<i>Kunzea ericoides</i>).	Nothing reported
Kauri (<i>Agathis australis</i>).	Non-specific respiratory symptoms reported.
Kowhai (<i>Sophora tetraptera</i> or <i>S. microphylla</i>)	May be toxic if chewed.
Laburnum (<i>Laburnum anagyroides</i>).	Seeds highly toxic. Wood may be toxic if chewed.
Lacebark (<i>Hoheria populnea</i>).	Nothing reported
Lancewood (<i>Pseudopanax crassifolium</i>).	Nothing reported
Lawsoniana (<i>Chamaecyparis lawsoniana</i>)	Nothing reported
Macrocarpa (<i>Cupressus macrocarpa</i>).	Nothing reported

Magnolia (<i>Magnolia</i> spp.).	Nothing reported
Mahogany (<i>Swietenia mahogany</i>)	Dermatitis, mucous membrane irritation Respiratory disorders Sensitiser. Giddiness, vomiting, furunculosis.
Matai (<i>Prumnopitys taxifolia</i>).	Nothing reported
Miro (<i>Podocarpus ferrugineus</i>).	Nothing reported
Mountain ash (<i>Eucalyptus regnans</i>)	Dermatitis, irritant to nose, eyes and throat.
Ngaio (<i>Myoporum laetum</i>)	May be toxic if chewed.
Norfolk Island pine (<i>Araucaria heterophylla</i>).	Nothing reported
Oak, European (<i>Quercus robur</i> and <i>Q. petraea</i>).	Asthma, sneezing, Eye irritation. Dermatitis. Sensitiser
Olive (<i>Olea europaea</i>).	Irritant and sensitiser of eyes, skin and lungs.
Pear (<i>Pyrus communis</i>).	Nothing reported
Pine (<i>Pinus radiata</i>).	Contact allergen.
Plane (<i>Platanus</i> spp).	Nothing reported
Plum (<i>Prunus</i> spp.).	Nothing reported
Pohutukawa (<i>Metrosideros excelsa</i>).	Nothing reported
Puriri (<i>Vitex lucens</i>).	Nothing reported
Rata (<i>Metrosideros robusta</i> and <i>M. umbellata</i>).	Nothing reported
Rewarewa (<i>Knightia excelsa</i>).	Nothing reported
Rimu (<i>Dacrydium cupressinum</i>)	Irritation to nose, eyes, cough.
Robinia, (<i>Robinia pseudoacacia</i>).	Irritant to eyes and skin, nausea, malaise.
Sheoak (<i>Casuarina</i> spp.).	Nothing reported
Silky oak (<i>Grevillia robusta</i>).	Sap may cause blistering of skin, inflammation of eyelids. Green timber and dust may cause dermatitis.

Silver birch (<i>Betula pendula</i>).	Dermatitis and respiratory health problems.
Sycamore (<i>Acer pseudoplatanus</i>).	Nothing reported
Taraire (<i>Beilschmiedia taraire</i>).	Nothing reported
Tawa (<i>Beilschmiedia tawa</i>).	Respiratory symptoms reported.
Teak (<i>Tectona grandis</i>).	Dermatitis. Conjunctivitis, over sensitivity to light, swelling of scrotum, irritation to throat and nose, nausea. Nettle rash. Respiratory disorders. Sensitiser.
Titoki (<i>Alectryon excelsus</i>).	Nothing reported
Totara (<i>Podocarpus totara</i>).	Nothing reported
Wattle (<i>Acaciapp.</i>).	Nothing reported
Yew (<i>Taxus baccata</i>).	Congestion of lungs, nausea, fainting, irritation of alimentary tract, visual disturbances. Dermatitis, headache. ³ Blood pressure drop, cardiac effects. Direct toxin.

Protection strongly advised here

Well that's the lot for this week. The workshop is back in full swing with capacity rolls for each session. The club has enrolled several new members and all these new recruits have made excellent early progress.

MURRAY has been busy with lots of repair work to machines to ensure these vital pieces of equipment are readily available for use. Many thanks to Murray.

The demand for the club's turning tools is now greater than ever. Every item has an established home and **MUST be returned to its rightful place**. Too often time is wasted looking for things that aren't missing - just carelessly stored anywhere except its usual spot.

AFTER USE PLEASE PUT ALL TOOLS BACK WHERE TO WHERE THEY BELONG.

Cheers **CLIVE**