

# Noises from:



## Some Projects, Work and Clear Up Around the Shed, Tuesday May 14th.



Tony Brown works on dust extraction system for wood turning area.



The "lumberjacks" clearing out the timber stack, saving or cutting up for firewood.



Some of the small items, made by Shed Members, for sale to general public.



Bob Groecke goes to new heights to ensure he keeps up his appearances in the Newsletter!!

An unfinished "kitchen module" by a Member who was not present when photo taken.



## Tear Drop Caravans.

I have had two requests from members to build a tear drop caravan, so I thought I would get a note out to members in the Newsletter to see if anyone else wants to build one.

The cost is about \$3000 - \$5000 depending on how complex and well fitted out they want the finished van to be. Time to complete is also variable, it is a function of complexity and member's skill levels.

Anyone who is interested can contact me at [mike.wiggin@iinet.net.au](mailto:mike.wiggin@iinet.net.au) or on 0408 679 307.

**Mike Wiggin**

## The Bee Team

"Our Busy Bees," presented by WA Apiary Society President John Chadwick, was a talk packed with information, experience and enthusiasm for these little creatures. What began as a hobby for John, expanded into an aura for the natural world that they inhabit.

Bees have existed for more than 100 million years as evidenced by fossil finds in Amber. They evolved from wasps and proliferated when flowering plants appeared on the planet. Cross pollination by insects, mostly bees, is a vital link in growing the majority of our food crops.

Only in the last 200 years has man learnt to harvest honey without destroying the hive which has given rise to a huge rise in our consumption of this delicious food.

The hive functions as a coherent organism of between 15,000 and 50,000 individuals. There is one queen and she lays between 300 and 1,500 fertilised eggs per day into the hexagon shaped cells of the comb. Bees propagate and preserve their biodiversity by hive splitting. Typically, when the egg laying capacity of the resident queen diminishes, the workers create several "queen succession cells" and get her to lay an egg into each cell. These larvae are fed exclusively on Royal Jelly and this diet forces a metabolic change and they become potential queens. As these new queens are about to hatch, the old queen leaves the hive with most of the foragers to set up a new hive elsewhere. This departure is known as swarming and is often seen in the months between September and December. - Back in the old hive, the first new queen to hatch immediately kills all the other rival queens. She leaves the hive a few days later and mates with up to 20 drones, mostly from other hives and then returns to start her life of egg laying.

The workers begin life as nurse bees, tending the hatching brood. They graduate to cleaning, guarding and finally become foragers, gathering nectar, pollen and resin to make propolis. The life span of a summer/autumn worker bee is just 45 days. They live for up to five months during winter due to the lower level of activity.

Honey gathering can be the most dangerous time around the hive as President George has discovered with our own hive behind the metal workshop. An angry bee will target the most sensitive parts such as an eyelid.

Bee hives can be described as a "super organism" with complete focus on regeneration, survival and work. These remarkable creatures very accurately maintain the hive temperature at 32 to 35 degrees C to both cure the stored honey and incubate the brood. This is done by vibrating their bodies to create heat or fanning their wings to cool the temperature.

Honey is mixed with pollen to make "bee bread" which is the main food of workers. Honey being the carbo hydrate component and pollen the protein. The queen is fed exclusively on Royal Jelly for her entire life, made in the mandibles of workers. She and the drones cannot feed themselves and are tended by the hard pressed worker bees.

The good news for our Shed is that our hives are well designed and are doing well in what has been a very lean year for bees. We have a new friend in John Chadwick and he has offered to keep an eye on what we're doing with this new endeavour. With his vast knowledge of bees and their environment, he has encouraged us by advising that we have a good supply of year round flowering plants and trees in close proximity to the Shed.

**Malcolm Kates. "The Bee Team"**

## Space Station

This requires a special type of person. Much worse than living on a submarine. They have stuff everywhere. Not for people who are claustrophobic!! I had no idea as to what the Space Station looked like... Now I do, and it is very impressive.... This is something worthwhile to watch. (Watch full screen, turn on sound.)

<http://www.youtube.com/embed/doN4t5NKW-k>

Departing Space Station Commander Provides Tour of Orbital Laboratory

## Woodwork Training for Orange Sticker

Dear Member of the Shed

I will be running two Woodwork Training sessions for those who have not achieved their Orange sticker. One session will be on Monday May 20 at 10.30 am and the other will be Wednesday May 22 at 1.00 pm. If you wish to attend one of these sessions, please make sure your name is on the list in the Shed office.

**Tony Brown.**



## CNC IN THE SHED



Over the past year your Shed has been accumulating a range of **C**omputer **N**umerically **C**ontrolled equipment. The first addition was a 3D Printer which was subsequently upgraded to a bigger one. This is being used by a number of members who have mastered the software and operation and are producing various devices for themselves and the Shed.

Following that acquisition a very generous member donated a small CNC laser engraver for use by members. The more recent purchase was a small CNC overhead router which has been in operation for 3 or 4 months and is proving to be very versatile for routing wood, plastics and aluminium.

At the same time as all of this there is a group who have been working on a larger CNC overhead router. This electronics and mechanisms have been donated to the Shed, but it is our task to build the structure and install the donated parts. The structure is based on aluminium plate that is cut into shape by a large overhead router. If you know of a contact who may be able to supply

and cut to shape 10 mm aluminium plate, please let one of the Shed committee members know.

All this equipment is to be found upstairs in the middle room, you are welcome to go up and have a look.

If you are interested in learning to operate these machines please contact one of the following: Nick Kashani, Denham Dunstall or Tony Brown. We hope to run training programs for interested members.

## Cycling

My enjoyment of cycling and the benefits it imparts upon our health is a fact as this article conveys.

I am now 72 years of age and my health is perfect. I have long suspected that my good health is related to the fact that I have regularly cycled.

This insight is worth sharing with you.

<https://www.theguardian.com/lifeandstyle/2018/mar/08/cycling-keeps-your-immune-system-young-study-finds>

**Vic Power. Health Representative.**

## ***And a Follow Up - Thought we were supposed to be the clever country???***

**NB** As the newsletter is in pdf format the video picture shown will not activate. I cannot find the link to the origin of the video but the video is sent as an attachment so you can check it out - it is really interesting!!



Cycle and storage rack made from timber.



## IMPORTANT SAFETY NOTE

If you are making a major change on any machine in the Shed, please ensure that the machine is electrically isolated before you start. For example, if you are changing the blade on a machine then isolate it by turning it off at the wall or unplugging the machine altogether. It is not sufficient to just turn off the operating switch. When in doubt ask the Overseer!

## CRAFT FAIR PROBLEM

The Management Committee is seriously concerned with lack of members putting forward their names to help out at the Craft Fair. We need YOUR help!! The continuation of this event is under threat.

In the past we have had a small group who have done most of the work, they have had a heavy load for too long. We need more members to assist this group, so the load and responsibility is shared and therefore lessened. Keep in mind that this event is an important fund raiser for YOUR Shed.

Please register your offer to assist by ringing the Office on 9383 3354 NOW.

**Management Committee**

## Visit To SAS Museum.

The hand of friendship was extended to us by the Chairman and volunteers from the SAS Historical Foundation at Campbell Barracks in Swanbourne during a memorable conducted tour of their museum. They are as proud of this display facility as we were impressed. The visit took two hours. We left our new friends with the deepest sense of respect for this organisation. SAS diligently and professionally protects our democracy and safety.



Shedders stand before the SAS Memorial ('The Rock' which was excavated from Boya Quarry) in the Garden of Reflection. The memorial lists 48 names lost since the formation of the SAS in July 1957.

Within the museum peace keeper support activities in Cambodia, Somalia and Rawanda are revealed to us.



A small arms weapons display of all combatants is extensive.



High level and ground level insertion and withdrawal equipment are shown herein.

George, Bob Groecke and others inspect a replica submersible canoe of the type that Z Force trained with in preparation for Operation RIMAU which was to be a second attack on Singapore Harbour.



Thirteen captured Z Force operatives from that failed Operation were executed by the Japanese just before the surrender.

From our president George Klug we now extend our thanks for this remarkable visit and our welcome to the SAS (present and retired) to visit us.

## Vic Power. Health Rep



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