



# Banyule BUG Newsletter

October  
2020

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## Lockdown News

**To describe** 2020 as “difficult” would be a monumental understatement. Our lives have been thrown into turmoil and our activities that make up 'normal' lives greatly restricted. Cycling has been one of those activities effected. The 5k 2hour rule has greatly reduced our range. For me, I have discovered nearly all of Montmorency. I think it is called “Burbing”. However, as I write, the future is looking much better.

Bruce, from Darebin BUG, has used his 'locdown'time well and has produced a -

## Bored Mind QUIZ

### FIRST QUESTION

You are a participant in a footrace.

You overtake the second person. ,

What position are you in.???? ,

If you answered that you are in first place, You are absolutely wrong.

### SECOND QUESTION

Mary's father has five daughters:

1. Nana
2. Nene
- 3, Nini
4. Nono
5. ???

What is the name of his fifth daughter? Did you answer "Nunu" you are incorrect

### THIRD QUESTION - THIS IS AN ARITHMETIC QUESTION...

Take 1000 and add 40 to it.

Now add another 1000 to it.

Now add 30

Add another 1000

Now add 20

Add another 1000

Now add 10

What is the total?

Did you answer 5000? If so, you're wrong!

### FOURTH QUESTION

A mute person goes into a store and wants to buy a toothbrush.

By imitating the action of brushing his teeth, he successfully expresses himself to the shopkeeper and is able to buy a toothbrush.

Next a blind man comes into the store and wants to buy a pair of sunglasses. How does he convey to the shopkeeper what he wants to buy?

Answers to the quiz below the first pictures.

**One of** the few highlites of this disappointing cycling year was the “Tour de France”. It was as exciting as usual and displayed a 'moving postcard of the French countryside. What you may not know about was the 'tour downunder' or '[The Tour de Frankston](#)'. A true masterpiece of cycling.  
Thanks to Peter Gurney for this gem.

Cycled to the shop to buy a bottle of gin, but then I thought, what if I fall off my bike and the bottle gets broken? So cleverly, I drank it all outside the shop. Good thing I did too, I fell off my bike seven times on my way home



#### CORRECT ANSWERS

1. If you overtake the second person and assume his/her position in the race, you are in second place, not first.
- 2 The correct answer is Mary
- 3 The correct answer is 4100
- 4 He opened his mouth and asks for it.

A really great piece of news for cyclists was reported in "[Bicycle Network](#)" that relates to safe passing laws.

*"Minimum passing distance laws will be introduced in 2021 and rules will be like those in other states and territories. People on bikes will need to be passed at a minimum distance of one metre on roads with speed limits up to 60km/h, and 1.5 metres on roads with speed limits above 60km/h."*

This law is long overdue and to be greatly welcomed.

**Another** of the gems to come out of lockdown was this offering by Danielle Matthews - "[Bin Lady](#)". We really are a very creative lot. Adversity brings out the best in some.

**Those of** you who are regular riders along the Diamond Creek trail will have seen the very exciting development taking place. The long awaited Hurstbridge extension to the trail is well underway. The first section to Wattle Glen is almost complete, with the Wattle Glen to Hurstbridge section to soon follow. When completed, this will allow for a Hurstbridge to CBD cycle along shared trails.



More information about the extension work here from "[Bicycle Network](#)".



### [La Trochita - Argentina](#)

I came across this absolutely fascinating video about a rail trail journey with a difference. The bikes were engineered to travel on the disused rail tracks – two wheels of the bike on one side and an outrigger that ran along the other rail. The rail trail is in Argentina called La Trochita. Four retired gentlemen undertake a difficult, once in a lifetime railbiking adventure across the vast open spaces of Patagonia. Fighting ferocious winds, camping at abandoned stations and interacting with the friendly locals, all the while enjoying the La Trochita experience as no one has before. Full story: [www.latrochita.homestead.com](http://www.latrochita.homestead.com)



A lot has been said about 'self driving cars', but what about 'self driving bikes'? Well it appears that this concept is in our immediate future. The following video will simply astound you. As you watch the vision, try to imagine all the possibilities that could be open to bike riders.

### [Self driving bike](#)

Now, having gone through this charade. You might like to see the truth as it stands at the moment. No longer is the phrase 'pictura verum' (truth is in the picture) accurate. Click on the link below to see the truth.

### [Assisted self driving bike](#)

Sorry about that!

***That's all from me folks. This just gets us underway again. Please contribute to the next edition which I hope will be out before Christmas. [allang@bigpond.net.au](mailto:allang@bigpond.net.au)***

### E-Bike information

We have a number of e-bike riders in our club, so the following information will be of interest. The next time you feel challenged to take your valuable asset through deep water, don't. It could be very costly.

From the Bosch site <https://www.bosch-ebike.com/au/news/care-of-ebikes/>

"It is simply a no-go to work on the components of an eBike with high pressure, as water can penetrate into the bearings of the motor, hubs or rear frame."

Also <https://easyebiking.com/can-i-ride-an-electric-bike-in-the-rain/>

"One situation in particular that you should be aware of in terms of getting your e-bike wet is riding through deep puddles or streams. While it may be tempting to "test the waters," it won't seem like such a good idea when you cause serious damage to such an expensive piece of equipment.

While raindrops falling won't typically impact your bike, it's a completely different story when you submerge your vehicle. Just like it wouldn't be ideal to drive a car through a river, you don't want to take your e-bike through anything resembling a stream."

Waterproofing against splash and rain is relatively simple but submersion is very different. If high pressure is a no no I suspect submersion will also result in water entry. Problem is the rapid cooling lowers the pressure inside.

The following is what happened to one e-bike ride from Darebin BUG.

## Rogers "Submarine Bike" Motor

This is what happens when you take your electric bike for a "swim". Note the water is sucked in when the warm motor is cooled by the cold water it is submersed in. The contracting air within the hub sucks water into the hub through the bearing seals.



Water filled to a depth of approx. 25mm. Circuit board corroded

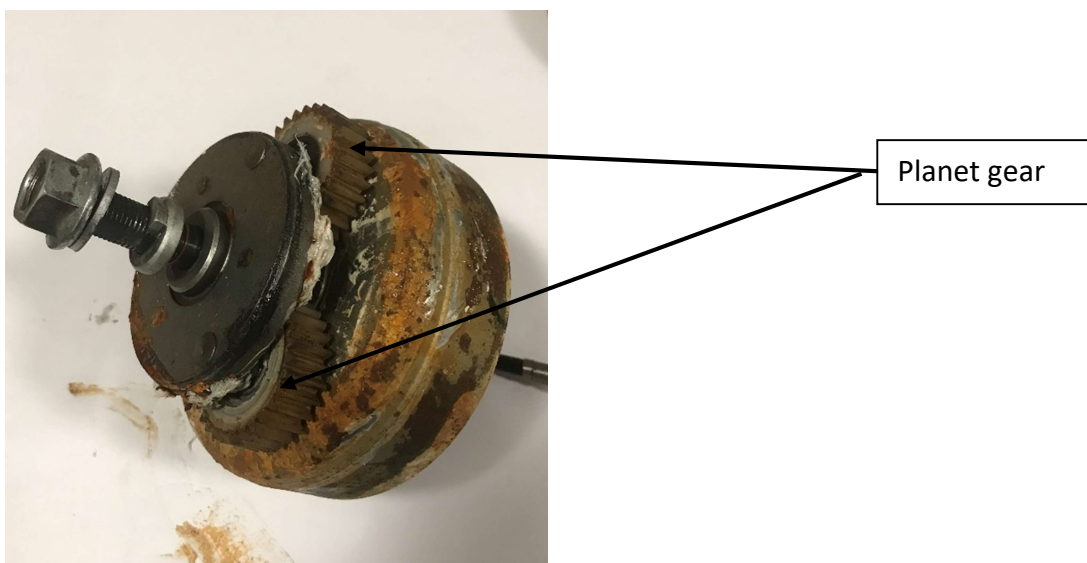
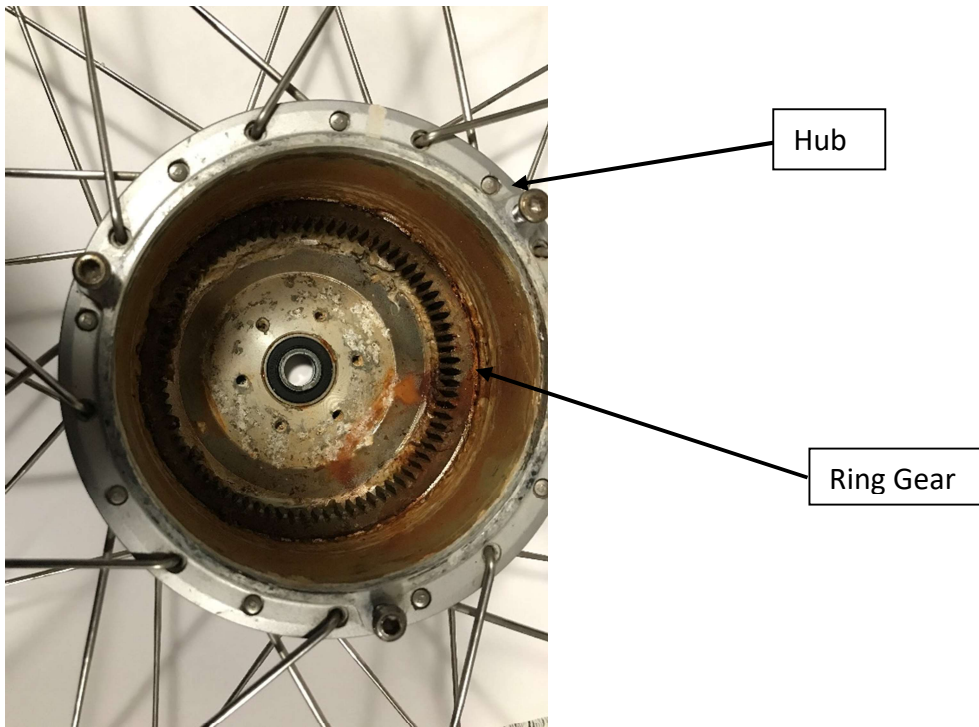


Tide Line

Heavy corrosion below tide line

This shows the internal parts of the geared hub. It is called a planetary gear system.

There is a sun gear which cannot be seen in the pictures. This is attached to the motor. It turns 3 planet gears which then turn the ring gear. The ring gear is attached to the wheel hub thus the wheel turns



Motor and gears