



Tea Tree Gully Gem & Mineral Club Inc. (TTGGMC)

Clubrooms: Old Tea Tree Gully School, Dowding Terrace, Tea Tree Gully, SA 5091.

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Treasurer/Membership Officer: Augie Gray: 0433 571 887 Email: bluedog50@optusnet.com.au

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Web Address: <https://teatreegullygemandmineralclub.com>

February
Edition
2021

"Rockzette"

Tea Tree Gully Gem & Mineral Club News

President's Report

Greetings All,

The main news for February is that there will be Committee & General meetings on Thurs. the 4th - the first General meeting since March last year.

The main agenda item for the Committee will be our Biennial Show - whether to hold it this year or postpone it. All are welcome to the General Meeting - if you would like to bring a basket supper it would be gratefully accepted.

This is all Mel's left me room for, so cheers till next time, Ian.

Diary Dates / Notices

Happy Birthday

Members celebrating March birthdays:

09th – Bev Freeman. 10th – Ellen Dillon.

15th – Ken Jewell.

General Interest

Page 2 to 4:

Augie - Owyhee Jasper ...



Page 4:

Augie - Agate, Jasper, Chalcedony, and Chert - How to tell the difference...



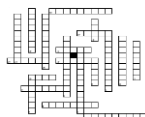
Pages 5 to 7:

Ian's February 2021 Agate Creek Collection Selections...



Page 8:

Augie – Rocks and Minerals Crossword Puzzle...



Pages 9 to 12:

Mel - Our short Stay on Fleurieu Peninsula...



Pages 13 to 20:

General Interest, humour, etc...



Page 21:

Members' Noticeboard and Links...

Club Activities / Fees

Meetings

Club meetings are held on the 1st Thursday of each month.

Committee meetings start at 7 pm.

General meetings - arrive at 7.30 pm for 8 pm start.

Library

Librarian - Augie Gray

There is a 2-month limit on borrowed items.

When borrowing from the lending library, fill out the card at the back of the item, then place the card in the box on the shelf.

When returning items, fill in the return date on the card, then place the card at the back of the item.

Tuesday Faceting/Cabbing

Tuesdays - 10 am to 2 pm.

All are welcome. Supervised by Doug Walker (7120 2221).

Wednesday Silversmithing

Wednesdays - 7 pm to 9 pm.

All are welcome. Supervised by Jean Hickman (0419 837 886).

Thursday Cabbing

Thursdays - 10 am to 2 pm.

All are welcome. Supervised by Augie Gray (8265 4815 / 0433 571 887).

Friday Silversmithing

Fridays - 9 am to 12 noon.

All are welcome. Supervised by John Hill (8251 1118).

Faceting/Cabbing/Silversmithing Fees:

A standard fee of \$3.00 per session applies – to be paid to the session supervisor.

In the interest of providing a safe working environment, it is necessary to ensure everyone using the workshops follow the rules set out in *Policy No. 1 - 20/11/2006*.

It is necessary that *Health and Safety* regulations are adhered to always.

Everyone using the workshop must ensure:

- that all club equipment (e.g. magnifying head pieces, faceting equipment, tools, etc.) used during the session, is cleaned, and returned to the workshop after usage.
- that all workstations are left in a clean and tidy state.
- that all rubbish is removed and placed in the appropriate bin.
- and where applicable, machines are cleaned and oiled or dried.

NOTE: The Tea Tree Gully Gem & Mineral Club Inc. will not be held responsible or liable for any person injured while using the club machinery or equipment.

Club Subscriptions:

\$25.00 Family	\$20.00 Family Pensioner
\$15.00 Single	\$12.50 Single Pensioner
\$10.00 Joining Fee	

The Tea Tree Gully Gem & Mineral Club Inc. is not and cannot be held responsible or liable for any personal injuries, loss or damage to property at any club activity, including, but not limited to, meetings, field trips, all crafts and club shows.
An indemnity is to be signed by all participants before each and every field trip activity they attend.

Tea Tree Gully Gem and Mineral Club Incorporated, Old Tea Tree Gully School, Dowding Terrace, Tea Tree Gully, South Australia, 5091.

Contributed by Augie Gray...

Owyhee Jasper

Owyhee Picture Jasper (pronounced Oh-WAH-hee) comes from the rugged Owyhee mountain area situated on the Idaho-Oregon border, just south of Homedale, Idaho. Owyhee Jasper is another one of the very popular Picture Jaspers, known for their depictions of mountain or desert scenery, with or without the "blue sky". The cabs pictured here typically sell for between \$A200 & \$400 each in the United States.



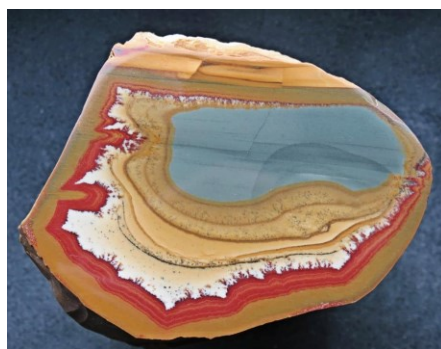
01 Owyhee Jasper



02 Owyhee Jasper



03 Owyhee Jasper



04 Owyhee Jasper



05 Owyhee Jasper



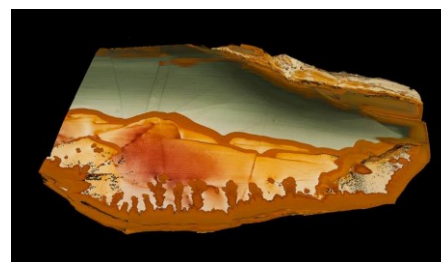
06 Owyhee Jasper



07 Owyhee Jasper



08 Owyhee Jasper



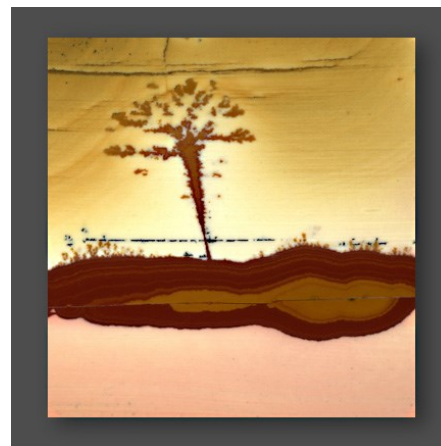
09 Owyhee Jasper



10 Owyhee Jasper



11 Owyhee Jasper



12 Owyhee Jasper



13 Owyhee Jasper

Owyhee Jasper – Continued...



14 Owyhee Jasper



18 Owyhee Jasper



21 Owyhee Jasper



15 Owyhee Jasper



19 Owyhee Jasper



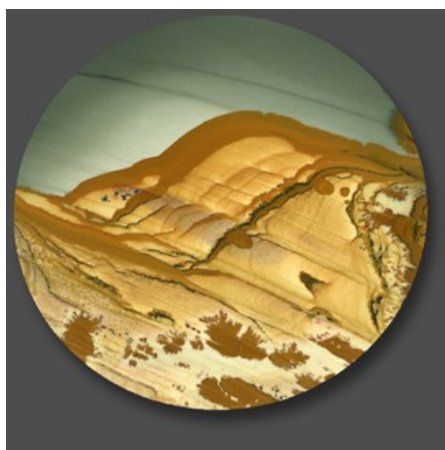
22 Owyhee Jasper



16 Owyhee Jasper



20 Owyhee Jasper



17 Owyhee Jasper



23 Owyhee Jasper

Owyhee Jasper – Continued...



24 Owyhee Jasper



25 Owyhee Jasper



A stunning lavender Agua Nueva Agate. Arguably one of the best lavenders I've ever seen. Credit - Gary Wiersema.



Carved Mammoth Tusks.



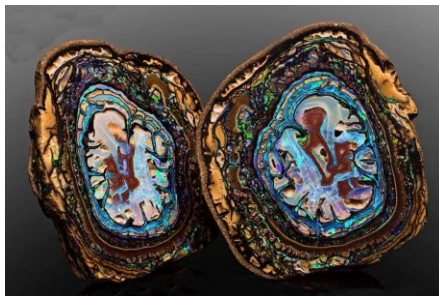
Toubkal Agate from Asni area, High Atlas Mts., Morocco. Size: 6.1 x 4.1cm. Credit - Kowalczyk Ernest.



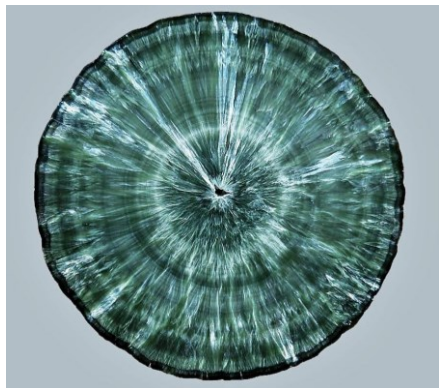
Rare find of heart-shaped Uruguayan Amethyst geode.



Watermelon Tourmaline.

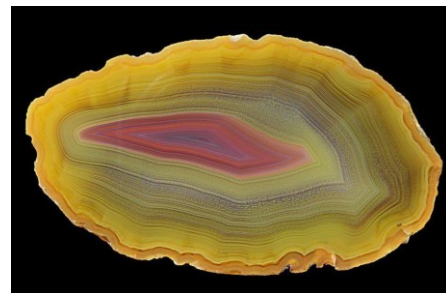


Yowah Opal.



Seraphinite.

Contributed by Augie Gray...



A nice Agate Creek yellow, 70mm. Credit - Cathy McKenna.

Agate, Jasper, Chalcedony, and Chert
How to tell the difference by Stewart Burnett

The difference between Agate, Jasper, Chalcedony and Chert is one of the biggest stumbling blocks for people getting into the hobby of rockhounding or mineral collecting.

The truth is, even the best rock identifiers cannot always be sure. That is the thing about rocks –they are a bunch of stuff mixed together. The same rock could have Agate banding with a Jasper body and drusy Quartz cavities.

Let us start with the generic ones - **Chalcedony and Chert**.

Chalcedony is a broad term that covers both Agates and Jaspers. It is often associated with blue and it usually means microcrystalline Quartz of a high gem-like quality. People usually use the Agate and Jasper terminology over Chalcedony, but it is sometimes used to describe mono-coloured gem-quality material.

Chert is also a variety of Chalcedony. It is used often to describe unnamed bland Jasper.

- Both are the same hardness level of 7
- Both are microcrystalline Quartz (you cannot view crystals to the naked eye)
- Both break with conchoidal fracture with a non-granular texture and vitreous or waxy lustre.

Agate and Jasper

As mentioned above, Agates and Jaspers are both under the umbrella of Chalcedony, but they are used more specifically along with trade and location names to identify specimens (Moss Agate is a trade named based on how it looks; Dallasite is named after the road it was found on).

Different opinions on what exactly makes an Agate, or a Jasper abound on the internet, but there are some loose rules to go by:

Agates are usually translucent to transparent when cut in a thin slice, while **Jasper** is usually opaque. **Agates** often have distinct banding formations (sometimes looking like “fortifications”) or mossy, dendritic and plume inclusions, while **Jaspers** are more likely to be brecciated (sharp chunks of rock in a matrix) or display a picture or some other type of design.

In the field

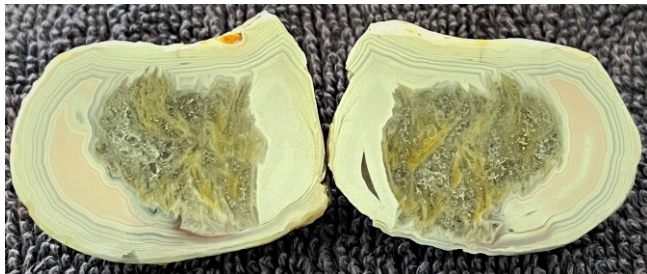
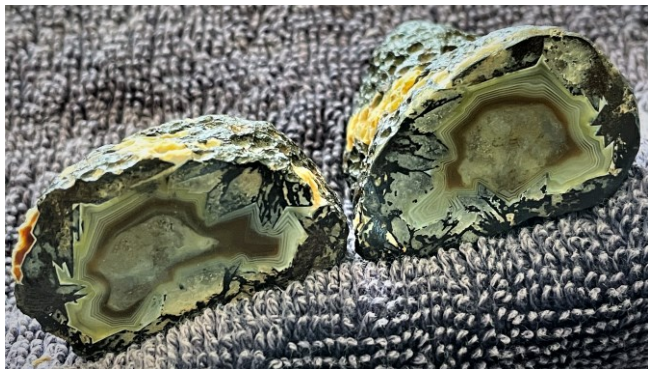
The primary things to look for when rockhounding for an agate is for it to be translucent, microcrystalline and have bands, orbs, or other inclusions.

Jaspers will often be brecciated and opaque, microcrystalline, and usually with interesting designs.

If you can see crystals or easily scratch it, it is not an Agate or a Jasper.

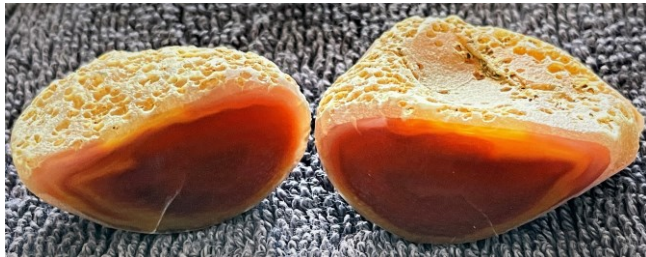
Contributed by Ian Everard...

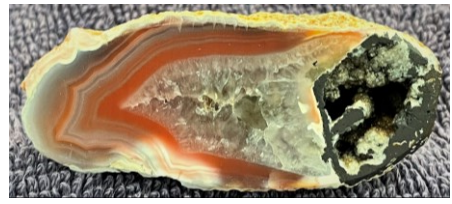
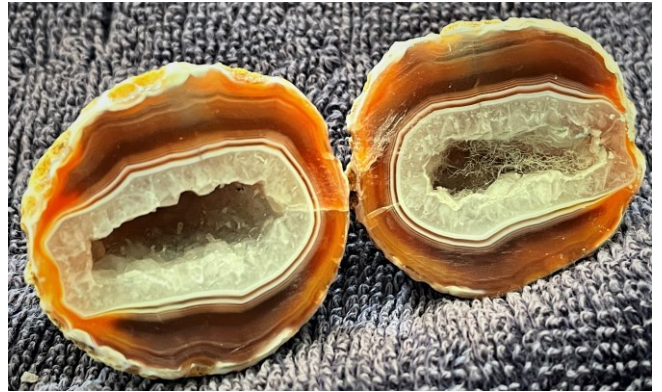
My finds at Agate Creek, QLD.



Contributed by Ian Everard...

My finds at Agate Creek, QLD.





Contributed by Augie Gray...

Rocks and Minerals

(Answers in March edition)

Across

- 1. Sedimentary rock consisting of sand or quartz grains cemented together.
- 4. Matter that settles to the bottom of a liquid.
- 6. A very hard, granular, crystalline, igneous rock consisting mainly of quartz.
- 10. Hot molten or semifluid rock erupted from a volcano.
- 13. A hard crystalline metamorphic form of limestone, typically white.
- 15. A metamorphic rock with a banded or foliated structure
- 17. Hot fluid or semi fluid material below or within the earth's crust.
- 19. A hard, solid, nonmetallic mineral matter of which rock is made.
- 20. A hard sedimentary rock, composed mainly of calcium.

Down

- 2. A solid inorganic substance of natural occurrence
- 3. The change of minerals or geologic texture in pre-existing rocks.
- 5. Types of rock that are formed by the deposition of material at the earth surface.
- 7. An aluminosilicate mineral typically occurring as fibrous masses.
- 8. A various colored or transparent mineral.
- 9. A hard, non-foliated metamorphic rock which was originally pure quartz.
- 11. Rocks formed through the cooling and solidification of magma or lava.
- 12. The impact on sedimentary rocks being long exposed to extreme weather.
- 14. A class of rock-forming silicate or aluminosilicate minerals.
- 16. The continuous physical force exerted on or against an object.
- 18. The solid mineral material forming part of the surface of the earth

Contributed by Mel Jones...

Our short Stay on Fleurieu Peninsula

(Base camped at Goolwa, South Australia)
 From January 2nd to January 9th 2021, Janet and I caravanned, and Allen (our son) Barbara (Daughter-in-law) Claire and Darcy (twin children – 13yrs) tented at Goolwa Caravan Park. The following pictures were taken on various walks we went on.

2021-01-04

We visited Blowhole Beach, South Western edge of Deep Creek Conservation Park.



Darcy and Claire race off not realising how steep this walk will soon be. Kangaroo Island is visible between them and the dead tree.



Claire, Darcy, and Allen rest as the path downwardly steepens.



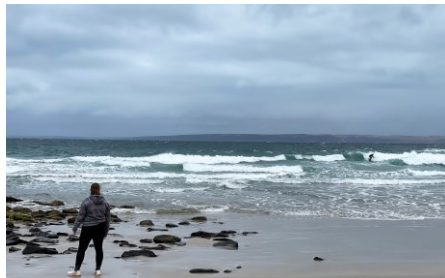
Destination reached without incident.



Claire, Darcy, and Allen pose to prove they visited Blowhole Beach.



My turn to pose with Claire and Darcy. Area well worth the visit.



Claire watching the waves and the surfer on the right.



A pleasant view while resting ready for the next leg upward.



Mr Roo not happy with us potentially disturbing his sleeping wife.

2021-01-05

Allen and I walked the first leg of a progressive walk from Goolwa Channel to the Victor Harbor railway turntable.



Start of a 4Km walk to the Goolwa Beach sandhills.



View across the Goolwa Channel to Hindmarsh Island. No Coorong Mullet was available to purchase on the Island due to COVID regs.



Back at camp preparing sausages for evening meal. Gazebo tent added to our Gazebo proved useful for everyone to sit in for meals as the weather was very gusty and chilly for a few days.

Continued next page...

2021-01-06

Allen and I walked the second leg of a progressive walk from Goolwa Channel to the Victor Harbor railway turntable (from Goolwa to the eastern outskirts of Middleton via the beach)...



Climbing the sandhills heading for Goolwa Beach.



Almost to the top.



At last, we can see Goolwa Beach looking towards Middleton.



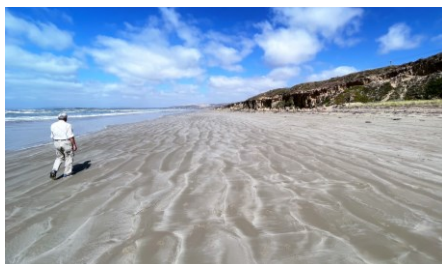
Kiteboarding...very talented.

2021-01-07

In the morning, Allen and I walked the third leg of a progressive walk from Goolwa Channel to the Victor Harbor railway turntable (from the eastern outskirts of Middleton to Port Elliot Caravan Park via the beach and pedestrian/bike track)...



Morning start as we have not yet reached Middleton.



Middleton coming closer!



Surfing classes and board hire at Middleton Beach.



Tape weed fibre balls *Posidonia* Middleton Beach.



Testing the shower as we leave Middleton Beach.



Leaving Middleton Beach and continuing our walk along the walking/cycling track to Port Elliot.



Port Elliot can be seen way off in the distance.



Damned iron gate has pissed-off the once adjoining fences which consequently let all the cows walk out, except for that mean looking, iron-clad, moo cow seen way back behind me!

Continued next page...

2021-01-07
Walk - Middleton to Port Elliot – Continued...



No bull worth his metal is gonna mess with this mean looking, iron-clad, moo cow in a hurry, unless he is prepared to risk losing a nut or two, and maybe his precious screwdriver as well! (Great Sculpture).



2021-01-07
In the afternoon, Janet and I took Claire and Darcy to Victor Harbor for a walk out to and around Granite Island...



Janet, Claire, and Darcy on the causway to Granite Island.



Darcy leaning on a block of cables.



View of Victor Harbor taken from Granite Island.



Just in case you are lost!



Darcy and Claire rock hopping.



Rock staring.



Claire and Janet posing with one of the island's metal sculptures.



View across Darcy to The Bluff.



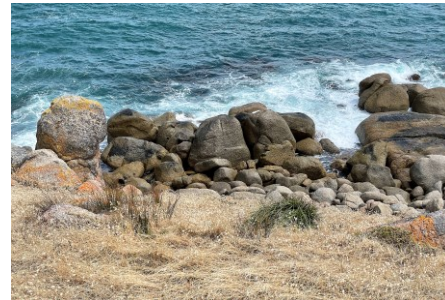
View across Granite Island showing Seal Island.



Beware of some sculptures...no if's or buttes.



What were the questions?



Lookout, 'X' marks the spot.



Another view of The Bluff.



Follow the leader...sheep and cows walk in a single file too.

Continued next page...

2021-01-07

Walk Around Granite Island – Continued...



Yet, another view of The Bluff.



Darcy insisted that his grandparents pose for a picture.



Looks like some giant camper was mixing bread dough at this site and mislaid his Wisk. (Probably not true as camping is not permitted on the island.)



Time for a pee-tea break.



Waiting for the horse drawn tram to pass by, then back to Victor.

2021-01-08

In the morning, Allen and I walked the last leg of a progressive walk from Goolwa Channel to the Victor Harbor railway turntable (started from Boomer Beach, Port Elliot).



Boomer Beach, Port Elliot. Two surfers seen on the incoming wave.



Me following a high track toward the beach route to Victor Harbor.



The waves are much calmer as we walk toward Victor Harbor.



Railway Viaduct over Urimbirra Creek at Watson's Gap.



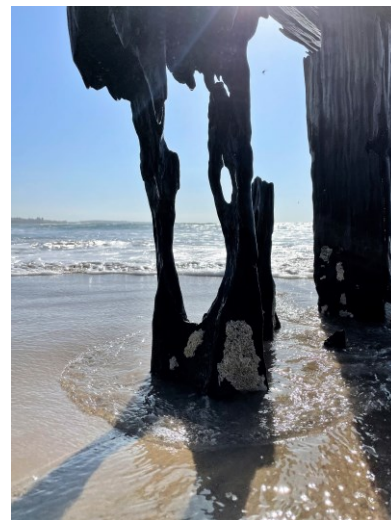
At last, Victor Harbor looks much closer...



Railway bridge over Hindmarsh River viewed from the beach.



Looks like these wooden groins have suffered over the years.



Victor Harbor Railway Turntable – destination reached. Blue sheep?

Contributed by Allan Rudd...

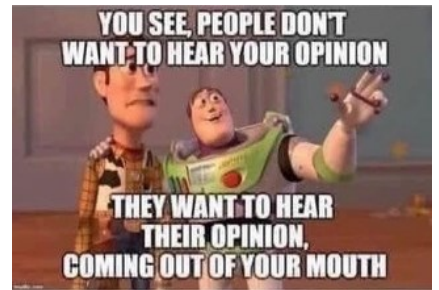
2020 Picture Humour.



This was GO FUND ME when I was growing up.



Q: If 2020 was a drink, what would it be?
A: Colonoscopy prep



Two things to make your day better:
• Do not watch the news.
• Stay off the bathroom scales.



I bet Canada feels like they live in the apartment above a Meth Lab.



Looking for a married woman, recently cheated on, mad and scorned, who is willing to sell her husbands tools for cheap.



When we're young, we sneak out of our house to go to parties. When we're old, we sneak out of parties to go home.

Contributed by Allan Rudd...

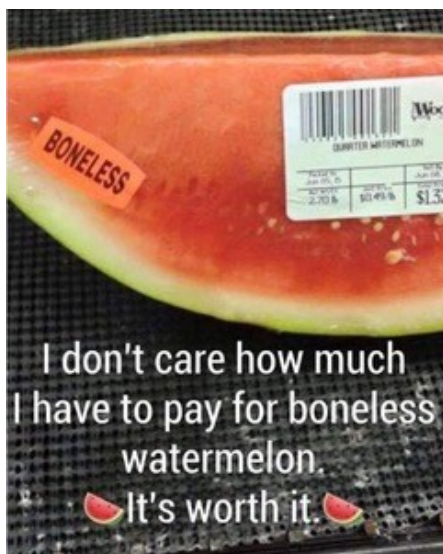
More 2020 Picture Humour.

It's my wife's birthday tomorrow, she's been leaving jewellery catalogues all over the house, so I've bought her a magazine rack.

THE DIFFERENCE BETWEEN A BIG SISTER AND A BIG BROTHER...



Apart from being exhausted, financially unstable, nearing a mental breakdown and being fat, everything is great. Thanks.



Contributed by Doug Walker...

Lo, Norm, Hi, and Max



Here is a little-known fact for automotive buffs, or just to dazzle your friends.

The four Goldberg brothers, Lowell, Norman, Hiram, and Maxwell invented and developed the first automobile air-conditioner. On July 17, 1946, the temperature in Detroit was 97 degrees.

The four brothers walked into old man Henry Ford's office and sweet-talked his secretary into telling him that four gentlemen were there with the most exciting innovation in the auto industry since the electric starter.

Henry was curious and invited them into his office. They declined, and instead asked that he come out to the parking lot to their car.

They persuaded him to get into the car, which was about 130 degrees inside, turned on the air conditioner, and cooled the car off immediately.

Mr. Ford got excited and invited them back to the office, where he offered them \$3 million for the patent.

The brothers refused, saying they would settle for \$2 million, but they wanted the recognition by having a label, 'The Goldberg Air-Conditioner,' on the dashboard of each car in which it was installed.

There was no way Old Man Ford was going to put the Goldberg's name on millions of Ford cars.

They haggled back and forth for about two hours and finally agreed on \$4 million cash, and that just their first names would be shown.

To this day, all Fords display -- "Lo, Norm, Hi, and Max" -- on the dashboard controls.

Contributed by Augie Gray...

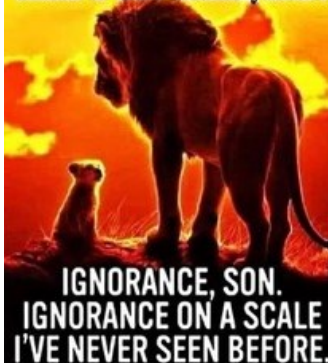
Hear about the new sushi bar that caters exclusively to lawyers? It's called Sosumi.

I've decided my 2021 will start on February 1st.

January is a free trial month.

HOWS Y'ALL SUMMER BODIES LOOKIN? MINE LOOKIN LIKE I GOT A GREAT PERSONALITY

WHAT'S OUT THERE, DAD?



I think the real reason this generation is so angry is because their music sucks.

If you get a LOAN at a bank, you'll be paying it back for 30 yrs. If you ROB a bank, you'll be out in 10 yrs. Follow me for more financial advice

We think we're so much smarter these days, but 50 years ago the owners manual told you how to adjust the valves.



Today it tells you not to drink the contents of the battery.

Contributed by Doug Walker...

Ever look at someone and think, "Why has no one hit you with a shovel yet?"



Guess I have had too much caffeine, I thought this lady was a Muppet.



Just bought a log cabin home from Ikea.



I would normally ask a question, but since it is 2020, I will just keep driving...

Finland has just closed their borders.

No one will be crossing the finish line.

Why do they call it the novel coronavirus?
It's a long story....

The World Health Organization has announced that dogs cannot contract Covid-19. Dogs previously held in quarantine can now be released. To be clear, WHO let the dogs out.

Now is not the right time to surround yourself with positive people.

There will be a minor baby boom in 9 months, and then one day in 2033, we shall witness the rise of the quaranteens.

I'll tell you a coronavirus joke now, but you'll have to wait two weeks to see if you got it.

I ran out of toilet paper and had to start using old newspapers. Times are rough.

What do you call panic-buying of sausage and cheese in Germany? The Wurst Kase scenario.

Back in my day you would cough to cover up a fart. Now, with COVID-19, you fart to cover up a cough.

The grocery stores in France look like tornadoes hit them. All that's left is de brie.

Contributed by Allan Rudd...

Overheard...

When I was in the pub, I heard a couple of dick heads saying that they would not feel safe on an aircraft if they knew the pilot was a woman.

What a pair of sexist twats.

Der! I mean, it is not as if she would have to reverse the bloody thing!

Contributed by Wendy Purdie...

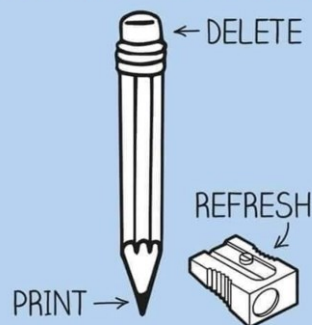
Murmuration of birds



After months of drought and bushfire, heavy rainfall has brought a remarkable boom in birdlife to parts of Australia – with huge murmuration of Budgerigars recorded across NSW.

Picture by Paul Williams.

WHEN I WAS A KID, THIS WAS MY COMPUTER:



DAN BACKLAND FOR GRUMPY OLD GITS | @LITTLE CHURCH HOUSE LTD MHX

They Say We Can Have Gatherings With Up To Eight People Without Issues. I Don't Even Know Eight People Without Issues.



04 Seconds



20 Seconds



36 Seconds



08 Seconds



24 Seconds



40 Seconds



12 seconds



28 Seconds



44 Seconds



16 seconds



32 Seconds



48 Seconds

Contributed by Doug Walker...

Subject: Old Age.



Yesterday my daughter e-mailed me, again, asking why I did not do something useful with my time.

"Like sitting around, the pool, drinking wine isn't a good thing?" I asked.

Talking about my "doing something useful" seems to be her favourite topic of conversation.

She is "only thinking of me," she said, and suggested, I go down to the Senior Centre and hang out with the fellas. So, I did and when I got home, decided to play a prank on her.

I sent her an e-mail saying that I had joined the Senior Parachute Club.

She replied, "Are you nuts? You are 86-years-old and now you're going to start jumping out of airplanes?"

I told her that I even had a Membership Card and e-mailed a copy to her.

Immediately, she telephoned me and yelled, "Good grief, Dad, where are your glasses?"

This is a membership to a Prostitute Club, not a Parachute Club."

"Oh man, am I in trouble," I said, "I signed up for five jumps a week!"

The line went dead.

Life as a Senior Citizen is not getting any easier, but sometimes it can be fun.

Contributed by Doug Walker...

Stupid is as stupid says...

IF YOU ever feel a little bit stupid, just dig this up and read it again; you will begin to think you are a genius...

(On September 17, 1994, Alabama's Heather Whitestone was selected as Miss America 1995.)

Question: If you could live forever, would you and why?

Answer: "I would not live forever, because we should not live forever, because if we were supposed to live forever, then we would live forever, but we cannot live forever, which is why I would not live forever,"

--- Miss Alabama in the 1994 Miss USA contest.



"Whenever I watch TV and see those poor starving kids all over the world, I can't help but cry. I mean I'd love to be skinny like that, but not with all those flies and death and stuff."

--- Mariah Carey.

"Smoking kills. If you are killed, you have lost an important part of your life!"

--- Brooke Shields, during an interview to become spokesperson for federal anti-smoking campaign.

"I've never had major knee surgery on any other part of my body!"

--- Winston Bennett, University of Kentucky basketball forward.

"Outside of the killings, Washington has one of the lowest crime rates in the country!"

--- Mayor Marion Barry, Washington, DC.

"That lowdown scoundrel deserves to be kicked to death by a jackass, and I'm just the one to do it!"

--- A congressional candidate in Texas.

"Half this game is ninety percent mental."

--- Philadelphia Phillies manager, Danny Ozark.

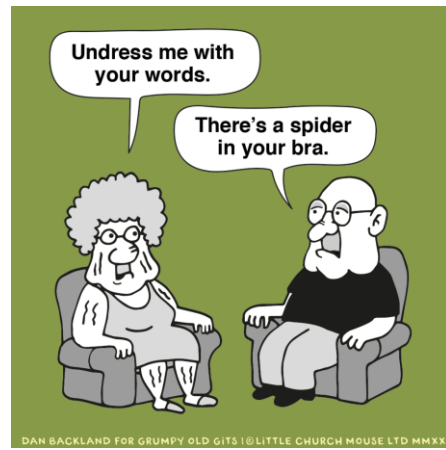
"It isn't pollution that's harming the environment. It's the impurities in our air and water that are doing it!"

--- Al Gore, Vice President.



Are there any females left that will say "Thank You" when somebody holds the door open for you?

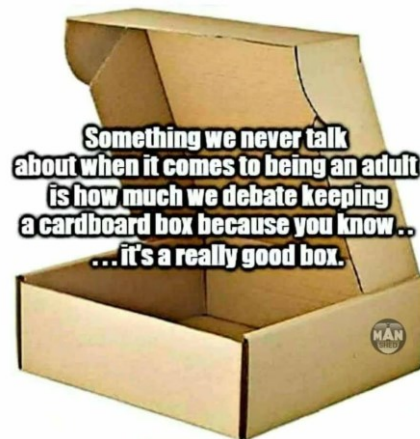
Are you one of them?



DAN BACKLAND FOR GRUMPY OLD GITS | @LITTLE CHURCH MOUSE LTD MMXX



Fork in the road.



I am not injecting no vaccine in my body that's not natural.

Contributed by Allan Rudd...



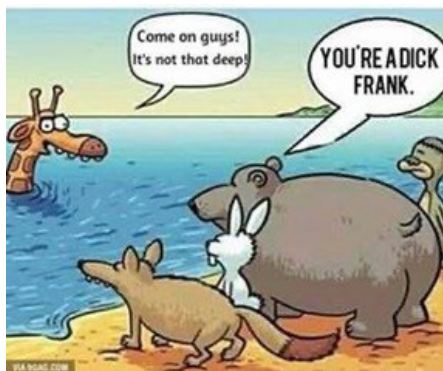
"Maybe your account is overdrawn!"



"The capital of Holland is 'H'!"



"You are here again Carol!"



"Do not forget it is my mother's birthday tomorrow."



"Wine production is way up since we piped in hip hop music."



"These are not bath crystals, they are Jell-O crystals!"



"Have I got to sit here looking at you everywhere we go?"



"I see you finally sewed on my button."



"Want me to get you a shopping cart?"



"Do not blame me, I was cleaning his cage and he flew up the pipe."

Contributed by Allan Rudd...



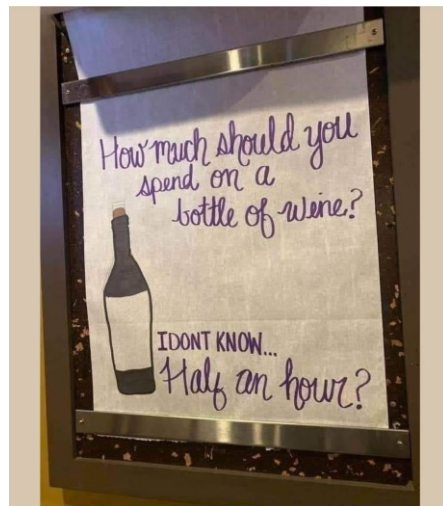
If you don't believe in yourself nobody else will. Except your dog. Your dog always thinks you're a legend no matter what you think of yourself.



Before I got married I didn't even know there was a wrong way to put the milk back in the fridge



I'd like to thank whomever told my mom that WTF means "wow that's fantastic." Her texts are so much more fun now



It's ok to disagree, we're all different. It's not ok to spew hate when someone's thoughts don't line up with yours.

Mineral boxes and flats for sale

Mineral box sizes

Sold in bundles of (10 or 100

3.5 x 3.3cm.....	(\$1.50)	\$12.00
4 x 4cm.....	(\$1.50)	\$13.00
5 x 5.2cm.....	(\$2.00)	\$15.00
6.2 x 7.5cm.....	(\$2.50)	\$18.00
7 x 7cm.....	(\$2.50)	\$19.00
7 x 9.5cm.....	(\$2.50)	\$20.00
8.5 x 9.5cm.....	(\$3.00)	\$22.00
9.5 x 9.5cm.....	(\$3.50)	\$23.00
13 x 9.5cm.....	(\$4.00)	\$25.00
13 x 12.5cm.....	(\$4.50)	\$30.00

Flats sizes

395 x 265 x 50mm....	\$2.50
400 x 270 x 75mm....	\$3.50 NEW SIZE
398 x 290 x 98mm....	\$4.00

Greg Vort-Ronald

0413796279 or luv2paint@iprimus.com.au

all boxes and flats are folded together, no staples required
(Prices subject to change)



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