



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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**Dec
Edition
2014**

"Rockzette"

Tea Tree Gully Gem & Mineral Club News

In this edition...	President's Report	Meetings, Courses & Fees.
<ul style="list-style-type: none"> • Diary Dates • Stop Press • President's Report. • Club Activities. • Meetings, Courses & Fees. • Mineral Matters - Quartz (Part 1). • General Interest • Members Notice Board. • Useful Internet Links. 	<p>Hi All, Well! It's that time of the year again. I would like to wish you all a Merry Christmas and a Happy New Year. And, I will see you all in the new year. Regards, Ian. P.S. Don't eat and drink too much over Christmas.</p>	<p>Meetings Club meetings are held on the 1st Thursday of each month except January: Committee meetings start at 7.00 pm. General meetings - arrive at 7.30 pm for 8.00 pm start.</p> <p>Faceting (times to be advised) <i>Course 10 weeks x 2 hours Cost \$20.00.</i> <i>Use of equipment \$1.00 per hour.</i></p>
	<h3>Club Activities</h3>	<p>Lapidary (Tuesday mornings) <i>Course 5 weeks x 2 hours Cost \$10.00.</i> <i>Use of equipment \$1.00 per hour.</i></p>
<h3>Diary Dates</h3>	<p>Competitions Competitions have been suspended indefinitely and are currently replaced with members showcasing an interesting part of their collection.</p>	<p>Silver Craft (Friday mornings) <i>Course 5 weeks x 2 hours Cost \$20.00.</i> <i>Use of equipment \$1.00 per hour.</i></p>
<p style="text-align: center;">2014</p> <ul style="list-style-type: none"> • The club's Christmas Lunch will be held at the club rooms on Sunday, December 7th, 2014; arrive at 12.30pm for a 1.00pm start. Bring salad and/or sweet - Barbeque provided. <p style="text-align: center;">2015</p> <ul style="list-style-type: none"> • March 21st & 22nd, 2015 Canberra Lapidary Club, Canberra Rock Swap, Exhibition Park, ACT. • April 3rd to 6th, 2015 National Gemboree, Horsham, VIC. • May 1st to 3rd, 2015 Murraylands Gem and Mineral Club Rockarama 'Crystal and Craft Fair' incorporating SA Metal Detecting Championships. • June 20th to 21st, 2015 Tea Tree Gully Gem and Mineral Club Exhibition (Biennial). 	<p>Field Trips No fieldtrips planned during Summer months.</p> <p>Library <i>Librarian - Augie Gray</i> 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, and then place the card in the box on the shelf. When returning items, fill in the return date on the card, and then place the card at the back of the item.</p> <p>Silver Craft Friday mornings - 9 am to 12 noon. Cost \$20 for new short course attendees. All are welcome.</p> <p>Tuesday Craft Tuesday mornings - 11 am to 2.30 pm Faceting, etc. All are welcome. Contact Doug (08 7120 2221) if you would like to learn faceting.</p> <p>Wanted - The faceting group occasionally has members wishing to buy a 2nd hand faceting machine & accessories. Could anyone with one not being used please contact: Doug Walker 0871202221 or Russell Fischer 0417083227</p>	<p>While some consumable materials are supplied by the club, trainees must supply any additional requirements.</p> <p>Trainees who use the club equipment (for example, magnifying head pieces, faceting equipment, tools, etc.) must return them to the workshop after usage. Trainees are also encouraged to purchase and use their own equipment.</p> <p>In the interest of providing a safe working environment, it is necessary to ensure individuals using the workshops follow the rules set out in <i>Policy No. 1 - 20/11/2006</i>.</p> <p>It is necessary that <i>Health and Safety</i> regulations <u>are</u> adhered to at all times.</p> <p>Trainees must ensure:</p> <ul style="list-style-type: none"> that all work stations 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. <p>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.</p>
<h3>Stop Press</h3>		
<ul style="list-style-type: none"> • Silver Craft - the last silver Friday group for 2014 will be on 12th of December. The group will resume meeting on Friday 6th February, 2015. • See 'Members Notice Board' for additional 'Meeting Reminders/Updates' (Last Page). • Click here to see 'Say Merry Christmas' on YouTube. <i>Contributed by Augie.</i> 		
<p>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 activities, including, but not limited to, meetings, field trips, all crafts and annual shows.</p> <p>An indemnity is to be signed by all participants before each and every field trip activity they attend.</p>		<p>Club Subscriptions</p> <ul style="list-style-type: none"> \$25.00 Family. \$20.00 Family/Pensioner. \$15.00 Single. \$12.50 Single/Pensioner. \$10.00 Joining Fee.

Extracted from

<http://geology.com/minerals/quartz.shtml>

What is Quartz?

Quartz is a chemical compound consisting of one part silicon and two parts oxygen. It is silicon dioxide (SiO₂). It is the most abundant mineral found at Earth's surface and its unique properties make it one of the most useful natural substances.

(<http://geology.about.com/od/minerals/f/mostcommonmin.htm> indicates: 'If you consider it as one mineral, *feldspar* is the most common mineral and quartz comes in second, especially when you consider the whole crust, continental plus oceanic crust'.)

Where is Quartz Found?

Quartz is the most abundant and widely distributed mineral found at Earth's surface. It is present and plentiful in all parts of the world. It forms at all temperatures. It is abundant in igneous, metamorphic, and sedimentary rocks. It is highly resistant to both mechanical and chemical weathering. This durability makes it the dominant mineral of mountaintops and the primary constituent of beach, river, and desert sand. Quartz is ubiquitous, plentiful, and durable. Mined deposits are found throughout the world.

Physical Properties of Quartz

Chemical Classification - silicate

Color - Quartz occurs in virtually every color.

Common colors are clear, white, gray, purple, yellow, brown, black, pink, green, red.

Streak - colorless (harder than the streak plate).

Luster - vitreous.

Diaphaneity - transparent to translucent.

Cleavage - none - typically breaks with a conchoidal fracture.

Mohs Hardness - 7.

Specific Gravity - 2.6 to 2.7

Diagnostic Properties - conchoidal fracture, glassy luster, hardness.

Chemical Composition - SiO₂

Crystal System - hexagonal.

Uses - glass making, abrasive, foundry sand, hydraulic fracturing proppant, gemstones.

What are the Uses for Quartz?

Quartz is one of the most useful natural materials. Its usefulness can be linked to its physical and chemical properties. It has a hardness of seven on the Mohs scale which makes it very durable. It is chemically inert in contact with most substances. It has electrical properties and heat resistance that make it valuable in electronic products. Its luster, colour, and diaphaneity make it useful as a gemstone and also in the making of glass.

Uses of Quartz in Glass Making

Geological processes have occasionally deposited sands that are composed of almost 100% quartz grains. These deposits have been identified and produced as sources of high purity silica sand. These sands are used in the glassmaking industry. Quartz sand is used in the production of container glass, flat plate glass, specialty glass, and fiberglass.

Uses of Quartz as an Abrasive

The high hardness of quartz, seven on the Mohs Scale, makes it harder than most other natural substances. As such it is an excellent abrasive material. Quartz sands and finely ground silica sand are used for sand blasting, scouring cleansers, grinding media, and grit for sanding and sawing.

Uses of Quartz as Foundry Sand

Quartz is very resistant to both chemicals and heat. It is therefore often used as foundry sand. With a melting temperature higher than most metals it can be used for the molds and cores of common foundry work. Refractory brick are often made of quartz sand because of its high heat resistance. Quartz sand is also used as a flux in the smelting of metals.

Uses in the Petroleum Industry

Quartz sand has a high resistance to being crushed. In the petroleum industry sand slurries are forced down oil and gas wells under very high pressures in a process known as hydraulic fracturing. This high pressure fractures the reservoir rocks and the sandy slurry injects into the fractures. The durable sand grains hold the fractures open after the pressure is released. These open fractures facilitate the flow of natural gas into the well bore.

Quartz as a Gemstone

Quartz makes an excellent gemstone. It is hard, durable and usually accepts a brilliant polish. Popular varieties of quartz that are widely used as gems include: amethyst, citrine, rose quartz, and aventurine. Agate and jasper are also varieties of quartz with a microcrystalline structure.

Special Silica Stone Uses

"Silica stone" is an industrial term for materials such as quartzite, novaculite and other microcrystalline quartz rocks. These are used to produce abrasive tools, deburring media, grinding stones, hones, oilstones, stone files, tube-mill liners, and whetstones.

Tripoli

Tripoli is crystalline silica of an extremely fine grain size (less than ten micrometers). Commercial Tripoli is a nearly pure silica material that is used for a variety of mild abrasive purposes which include: soaps, toothpastes, metal polishing compounds, and jewelry polishing compounds and buffing compounds. Tripoli is also used in brake friction products, fillers in enamel, caulking compounds, plastic, paint, rubber, and refractories.

Quartz Varieties

Extracted from:

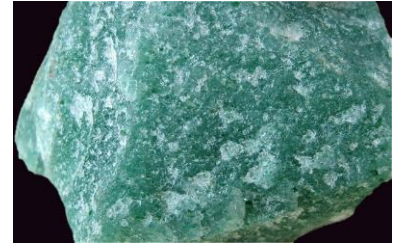
<http://www.minerals.net/mineral/quartz.aspx>



Amethyst - purple variety of quartz.



Aqua Aura - quartz synthetically enhanced with a coating using gold (and sometimes other metals) to give it a neon blue or other neon color.



Aventurine - opaque form of compact quartz or Chalcedony containing small Mica, Hematite, or Goethite scales which cause a glistening effect. Although technically Aventurine is classified as rock due to its composition of several minerals, it most often is regarded as a variety of Quartz or Chalcedony.



Blue Quartz - the blue variety of quartz, which is very uncommon in nature and rarely in crystal form. Most "Blue Quartz" is what is popularly known as "Aqua Aura", essentially clear Rock Crystal synthetically irradiated with gold to form a deep sky blue color. Blue Quartz may also refer to dull grayish-blue Quartz in massive form with Crocidolite inclusions.



Cactus Quartz - form of quartz, usually Amethyst, Citrine, or a combination of the two that contains a large crystal or crystals overgrown with a layer of spiky smaller crystals. *Quartz Varieties Continued next page...*

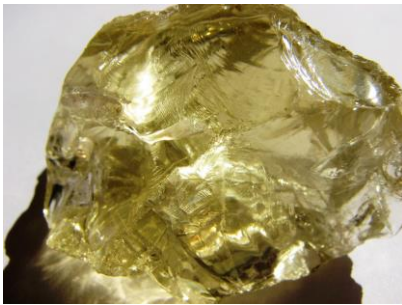
Quartz Varieties Continued...



Candle Quartz - candle quartz is normally very white & cloudy; the side crystals look like "dripping wax" each pointing towards the main termination.



Chalcedony - microcrystalline form of quartz.



Citrine - yellow, orange, or brown variety of quartz.



Faden Quartz - group of quartz crystals with a white thread-like zone running through the interior, with the crystals having formed around the thread axis.



Ferruginous Quartz - quartz with an opaque red to brown Hematite coating or internal inclusion.



Herkimer Diamond - exceptionally lustrous and clear quartz crystals from the Herkimer Co. vicinity in the Mohawk Valley region of Central New York State. Herkimer Diamond crystals are usually doubly terminated and short.



Japan Law Twins - is the only common twinning law of quartz where the two twin crystals are visible as individuals; the c-axis of two crystals meet at an angle of 84°33', with two of the main prism faces of both crystals being parallel. Very often they look platy, because the crystal grows faster between the two arms.



Milky Quartz - white, translucent to opaque variety of quartz.



Morion - opaque form of black quartz; a type of Smoky Quartz.



Phantom Quartz - quartz containing internal phantom growths, or ghostlike layers within a crystal.



Prase - light to emerald green, transparent to translucent quartz, with coloring caused from inclusions of green minerals, such as Actinolite, Hedenbergite, Chlorite, or Malachite.



Prasiolite - prasiolite describes a light green quartz often artificially colored by heat treatment of certain types of Amethyst; may also be called Green Amethyst by some jewelers.

Quartz Varieties Continued next page...



Rainbow Quartz - quartz synthetically colored with an iridescent layer formed from gold or other metals. Also, see Aqua Aura.



Rock Crystal - a colourless, transparent variety of quartz in large crystal form.



Rose Quartz - pink variety of quartz.



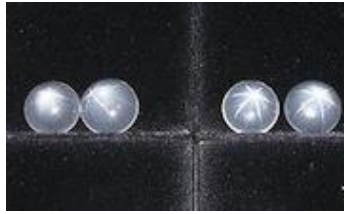
Rutiled Quartz - quartz with golden yellow, needle-like Rutile inclusions.



Sceptor Quartz - a quartz crystal with a scepter like protrusion on the end of the crystal that is wider than the rest of the crystal.



Smoky Quartz - brown to black, "smoky" variety of quartz.



Star Quartz - polished quartz displaying asterism in the form of a six-rayed star.



Tourmalinated Quartz - quartz with splintery Tourmaline inclusions.

Some Australian Quartz Examples



Quartz var. Amethyst - Quamby, Qld.

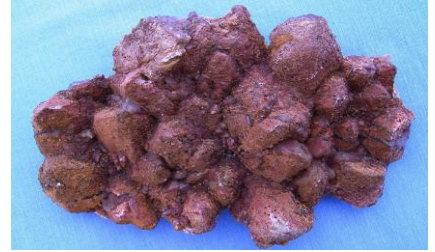


Polished Agate - Arnhem Land, N.T.

Australian Quartz Examples continued...



Quartz - Wadnaminga, Mannahill, SA.



Quartz & Hematite - Mt Tom, Cloncurry, Qld.



Quartz - Broken Hill, NSW.



Drusy Quartz - Linkes Lode, Flinders Ranges, SA.



Quartz var. Smoky - Duck Creek, Torrington NSW.



Polished Agate - Agate Creek, Qld.

Tuesday 5th November 2014

Lapidary group in the morning, followed by Melbourne Cup lunch and race.



In the craft room - Is Wendy searching high and low for her lost dop-stick, which she had earlier put in her bag instead of her tool kit? Yes!



In the meeting room - Is this a typical lunch break during Tuesday's lapidary? No!



Is this a knitting session or a horse race? Both!



Is attention fixated while the race finishes? Yes!



And, the winners are? Very few in this group.

Thursday 7th November 2014

Club meeting and AGM, followed by a 'Hallmark' presentation by John Hill.

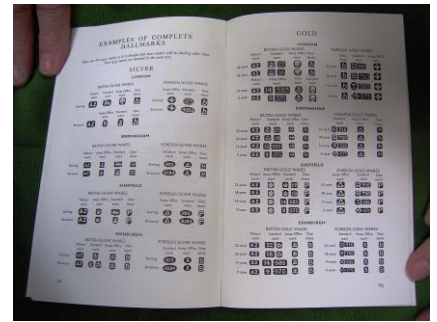


Wishful members examining the raffle prize before the meeting. And, did Anne say, "This bottle of wine should be drunk ASAP!" Or, something along those lines? Yes! Unfortunately, somebody else won the wine.



And, did Augie say, "Mel! You're not photographing my backside again!?" Or, something along those lines? Yes! Nice floral pants, all the same.

After the general meeting and the AGM, John made a short presentation on the history and use of hallmarks in Britain. He passed around various examples and a booklet listing hallmarks. The following photos show some of these examples...



Tuesday 5th November 2014
Lapidary group...



Gwen's silver craft including self faceted Amethyst stones.



Russell, Bob, Ian, Doug, and Irene admiring Gwen's work.



Gwen's hand made silver ring with self faceted Rhodolite Garnets from Fullarton River, Qld.

General Interest - Members Out and About.

**Picture Gallery Created By Ian While
On A Short Holiday In Victoria.**

Monday 10th to Sunday 16th November, 2014.

Ian took a short holiday to visit Anne's sister and to relax and do some sight seeing. While there he visited the Melbourne Museum to look at the mineral collection which he found to be quite impressive. Unfortunately, he forgot his camera - much the pity as he described an impressive slab of tiger iron several square metres across. Nevertheless, enjoy this fine picture collection.



Pyramid Rock, Phillip Island, Vic.



Extended view - Pyramid Rock, Phillip Island, Vic.



Pyramid Rock area, Phillip Island, Vic.



The Nobbies, Phillip Island, Vic.



Extended view - The Nobbies, Phillip Island, Vic.



Blow-hole Cave, Phillip Island, Vic.



Board walk and Nobbies Interpretive Centre, Phillip Island, Vic.



Fairy penguin in hiding, Phillip Island, Vic.



Bridge at San Remo across to Phillip Island, Vic.



Blowhole, Cairns Bay, Vic.



The Pulpit, Cape Schanck, Vic.



Cape Schanck, Vic.



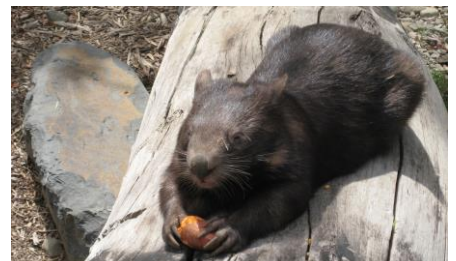
Boardwalk, Cape Schanck Lighthouse, Vic.



Alternative view - Boardwalk, Cape Schanck Lighthouse, Vic.



Bird carved from log, Healesville Sanctuary, Vic.



Southern Hairy-nosed Wombat, Healesville Sanctuary, Vic.



Monitor lizard, Healesville Sanctuary, Vic.



The Steventon (Tea Tree Gully) School

Tea Tree Gully did not get its first school until 1856; two years after the village of Steventon began to take shape. In May 1855, Mr. T.E. Cooke, storekeeper, and other inhabitants of Steventon, memorialized the district council requesting the erection of a schoolroom. Council replied that 'they could not feel justified in appropriating the funds of the district for such a purpose but would use their influence with the Board of Education' and 'also allow a building to be erected on the reserve belonging to the district'. The school-house was, however, not erected until 1870.

The Steventon (Tea Tree Gully) School opened in the new Wesleyan Chapel shortly after its completion in late 1855, with an attendance of 8 boys and 17 girls under the supervision of a licensed teacher, Miss Elizabeth Carter. In November 1856, a Council Minute records that Miss Carter had been granted the use of the new Council Chambers as a schoolroom 'until the Chapel was plastered'. A government report of 1860 suggests that Miss Carter had some difficulty in controlling the older boys. It stated that 'the school was a very orderly and well-conducted school' but that 'the older boys in the neighbourhood attend the school at Houghton'.

In 1869 the residents of Steventon bestirred themselves, under the influence of William Haines, Jr., and found a site for a schoolhouse - a piece of land which had been donated in 1854 by William Haines, Sr., as a site for an institute and library.

The new school was built on the foundations of the proposed 1855 institute which had never been completed. The building was finished and ready for occupation in April 1870, and the District Council had forwarded a request to the Board of Education for a cheque for £112 - half the cost of the building.

The Council, in whom the building was vested, also had the power to appoint teachers. It called for applications and received nine. The nine teachers presented themselves to the district councillors and a gathering of fifty parents in the Council Chambers. After questioning, the teachers retired, a ballot was taken and Mr. Samuel Cozens was found to have an absolute majority and became the first schoolmaster of the new Steventon School.

Cozens had a sound educational background and had a unique collection of Australian shells, botanical specimens, and Australian bugs and beetles. He lectured on his collection to raise money for the school fittings. By the close of 1870 the numbers of scholars had increased from 19 to 74, 'including 20 evening scholars', due to the efforts of Samuel Cozens.

The school retained its name of Steventon until 1874, when the name was officially changed to Tea Tree Gully. The 1870 schoolroom still forms part of the present Tea Tree Gully Primary School. [a 1976 statement]

Text and black/white photo extract taken from... 'From Settlement to City' A History of the District of Tea Tree Gully 1836 - 1976 by Ian Auhl. Lynton Publication Pty. Limited. Chapter 26 SCHOOLS pages 224, 235 - 237.

Coloured photos taken by Mel Jones.



The Punishment Book
The 'Punishment Book' (compulsory in public school until a few years ago [a 1976 statement]) of one local school reveals some well remembered types of 'crime and punishment' prevalent in sterner days: and also some fine distinctions.

Name	Offence	Punishment	Date
-	Use of bad language	2 on left hand	-
-	Habitual use of bad language	4 on left hand	-
-	Deliberate and continued use of bad language	6 cuts	-
-	Laziness and untidiness	2 cuts	-
-	Stealing chalk (repeated offence)	3 across thighs	-
-	Bullying	3 across left hand	-
-	Using a water-pistol on girls' dresses	2 handers	-
-	Stealing cane from school (this was boasted about)	3 cuts	-
-	Blackguardism	2 on left hand	-



Pupils of the Tea Tree Gully Primary School, September 1917.

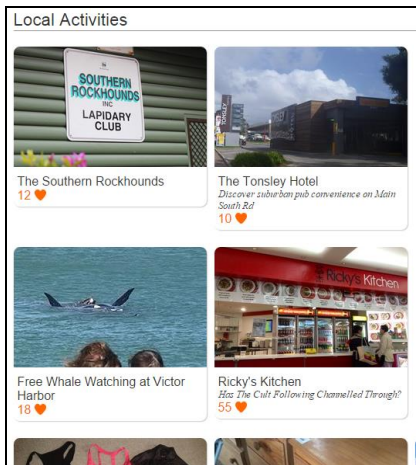
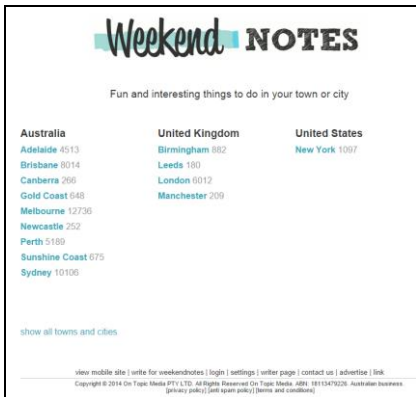
Good reference to find out what is happening each weekend...

Search on the web...

<http://www.weekendnotes.com/search/>

subscribe...

<http://www.weekendnotes.com/?ref=sl&wcid=22>



Did you hear about the Irish newlyweds who sat up all night on their honeymoon waiting for their sexual relations to arrive?

My mother wanted me to be a priest. Can you imagine giving up your sex life and then once a week people come in to tell you the details and highlights of theirs?

An American lawyer asked, "Paddy, why is it that whenever you ask an Irishman a question, he answers with another question?" "Who told you dat?" asked Paddy.



Contributed by Doug...

Post Turtle

While stitching a cut on the hand of a 75 year old farmer, whose hand was caught in the squeeze gate while working cattle, the doctor struck up a conversation with the old man.

Eventually the topic got around to politicians and their role as our leaders.

The old rancher said, "Well, as I see it, most politicians are 'Post Turtles'."

Not being familiar with the term, the doctor asked him what a 'post turtle' was.

The old rancher said, "When you're driving down a country road and you come across a fence post with a turtle balanced on top, that's a post turtle".

The old farmer saw the puzzled look on the doctor's face so he continued to explain.

"You know he didn't get up there by himself, he doesn't belong up there, he doesn't know what to do while he's up there, he's elevated beyond his ability to function, and you just wonder what kind of dumb arse put him up there to begin with."

Best explanation of a politician I've ever heard.



'Ta End Is Near'

Sean is the pastor of a Church of England parish on the Northern Ireland/ Southern Ireland border and Patrick is the priest in the Roman Catholic Church across the road.

One day they are seen together, erecting a sign into the ground, which said:

**TA END IS NEAR!
TURN YERSELF AROUND NOW
AFOR IT IS TOO LATE!**

As a car speeds past them, the driver leans out his window and yells, "Leave people alone, you Oirish religious nutters! We don't need your lectures."

From the next curve they hear screeching tyres and a big splash.

Shaking his head, Rev. Patrick says "Dat's da terd one dis mornin'."

"Yaa," Pastor Sean agrees, then asks, "Do ya tink maybe da soign should jost say, "Bridge Out?"



Question - Why are Irish jokes so simple?

Answer - So the English can understand them.



Contributed by Augie...

My Search for the Perfect Job

1. My first job was working in an orange juice factory, but I got canned; couldn't concentrate.

2. Then I worked in the woods as a lumberjack, but just couldn't hack it, so they gave me the axe.

3. After that, I tried being a tailor, but wasn't suited for it; mainly because it was a sew-sew job.

4. Next, I tried working in a muffler factory, but that was too exhausting.

5. Then, tried being a chef - figured it would add a little spice to my life, but just didn't have the thyme.

6. Next, I attempted being a deli worker, but anyway I sliced it, I couldn't cut the mustard.

7. My best job was a musician, but eventually found I wasn't noteworthy.

8. I studied a long time to become a doctor, but didn't have any patience.

9. Next, was a job in a shoe factory; tried hard but just didn't fit in.

10. I became a professional fisherman, but discovered I couldn't live on my net income.

11. Managed to get a good job working for a pool maintenance company, but the work was just too draining.

12. So then I got a job in a workout centre, but they said I wasn't fit for the job.

13. After many years of trying to find steady work, I finally got a job as a historian - until I realized there was no future in it.

14. I got a job in a prison, but there was no security.

15. My last job was working in Starbucks, but had to quit because it was the same old grind.

16. So, *I tried retirement and I found I'm perfect for the job!*



A guy goes into the confessional box after years of being away from the Catholic Church. He pulls aside the curtain, enters, and sits himself down. There is a fully equipped bar with glasses, the best vestry wine, Guinness on tap, and liqueur chocolates nearby, and on the wall a fine photographic display of buxom ladies who appear to have mislaid their garments.

He hears a priest come in. "Father, forgive me, for it's been a very long time since I've been to confession, and I must admit that the confessional box is much more inviting than it used to be". The priest replies, "Get out, you idiot. You're on my side".



Doug's Helpful Hints



Prevent soil from escaping through the holes in the base of flowerpots by lining with large coffee filters.



To sharpen scissors, simply cut through sandpaper.



Use rubber bands to help open a jar easily: place one around the jar lid and another around the middle of the glass. The rubber provides friction to prevent your hands from slipping.



To prevent your eyes watering while chopping onions, wipe the chopping board with white vinegar - which won't affect the taste of the onions.



Use egg boxes to store delicate Christmas tree decorations.



Use cupcake cases to cover drinks glasses in the summer and prevent flies from dropping in.



This has to be the simplest way to open those annoying blister packs.



Use a cut potato to easily remove a broken light bulb.



Drop a couple of denture cleaning tablets into the toilet bowl at night to clean off stubborn stains.



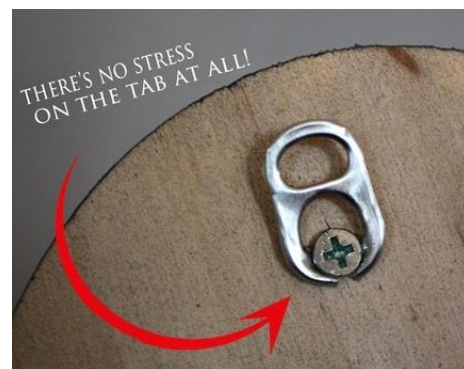
Store bed sheets inside their pillowcases for easy storage and access.



Use chalk to remove grease stains from clothes. Simply rub white chalk on the affected area and wash as normal - the chalk will absorb the grease and be washed away in the cycle.



Use a rubber band to rescue a stripped screw



Yet another use for soft drink can pulls - use them to create a hanging loops for picture frames by screwing into the back.

Bananarama

Pull bananas apart before displaying them in your fruit bowl. If you leave them connected at the stem, they'll ripen faster and go brown quicker.

Contributed by Augie...

Glass Beach Recycled By The Ocean

In the early 1900s, Fort Bragg, California, residents threw their household garbage over the cliffs above what is now Glass Beach. It is hard to imagine this happening today, but back then people dumped all kinds of refuse straight into the ocean, including old cars, and their household garbage, which of course included lots of glass.



Beginning in 1949, the area around Glass Beach became a public dump, and locals referred to it as 'The Dumps'. Sometimes fires were lit to reduce the size of the trash pile (up to 30 feet high). However in 1967, the city leaders closed the area. Various cleanup programs were undertaken through the years to try to correct the damage, but without success.



Over the next 30 years the pounding waves cleaned the beach, by breaking down everything but glass and pottery. The pounding waves washed the trash up and down, back and forth. Tons of polished, broken glass was created by the pounding surf. These smoothed, coloured glass particles then settled along the sea shore in millions, and so a magnificent beach was formed. The name was changed from, 'The Dump' to what we currently know as, 'The Glass Beach'.



The sea glass that was created is the product of a very long and interesting process. It can take anywhere from 10 to 30 years to make sea glass, the name for any piece of glass that finds its way to the ocean and tumbles around in the water long enough to frost and smooth its surface. Once it makes its way into the ocean, the glass is broken up into shards and is tumbled around in the water, where sand and other rocks act like sandpaper to smooth out its rough edges. Sometimes as the sea glass is passed through fire, it becomes fire glass, the rarest of sea glass with certain inclusions, just like precious gems.



In 1998, the private owner of the property determined that 'Glass Beach' should belong to the public and in 2002 it became part of MacKerricher State Park, open to the public. Within a period of a few years the 'Glass Beach' won fame, attracting a large number of tourists every year. Way back in time, people wanted to dump their glass products on this shore; now they would try to get one of these pieces to take home as a souvenir. It is ironic but true that where once it was illegal to dispose of the glass on the shore, it now is a crime to remove it. Visiting the 'Glass Beach' today is a unique experience. What makes it even more remarkable, are the sounds produced by the glass pebbles as they are being washed away by the gentle waves.



The Aisle, The Altar, The Hymn.

Through the ages, men have been trying to unlock this mystery: why do their wives, who accept them just as they are before they get married, begin the quest to change their behaviour and life-style once their vows are exchanged?

Finally, the riddle is solved.

A social-scientist has arrived at this simple and logical explanation. When the bride, accompanied by her father, starts to walk slowly down the long aisle, she sees the altar at the end and hears the choir singing a hymn. Walking down the aisle, the conditioning process starts where the brain absorbs these three stimuli: *aisle, altar, and hymn*.

She becomes mesmerized as she continually reinforces these perceptions: *aisle, altar, and hymn; aisle, altar, and hymn; aisle, altar, and hymn*.

And finally, as she stops beside the groom, the conditioning process is complete. She looks up at him smiling sweetly and keeps saying to herself: **"I'll alter him!"**

Here ends the lesson!



The importance of an occupation after retirement.

As we get older we sometimes begin to doubt our ability to "make a difference" in the world. It is at these times that our hopes are boosted by the remarkable achievements of other "seniors" who have found the courage to take on challenges that would make many of us wither.

Retired Bank Manager Greg Smith is such a person.

This is quoted from Greg...

"I've often been asked, 'What do you do now that you're retired?'"

Well...I'm fortunate to have a chemical engineering background and one of the things I enjoy most is converting beer, wine and whisky into urine.

It's rewarding, uplifting, satisfying and fulfilling. I do it every day and I really enjoy it."

Greg is an inspiration to us all.



Worlds shortest joke:

Two women were sitting quietly!



Contributed by Augie...

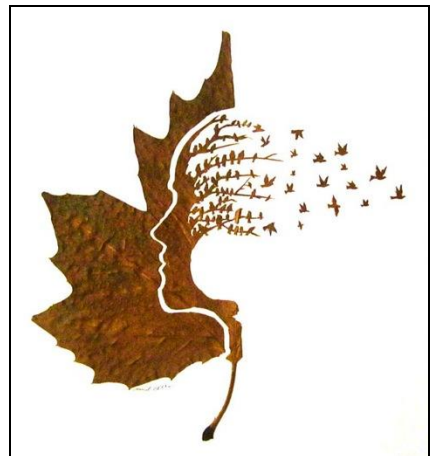
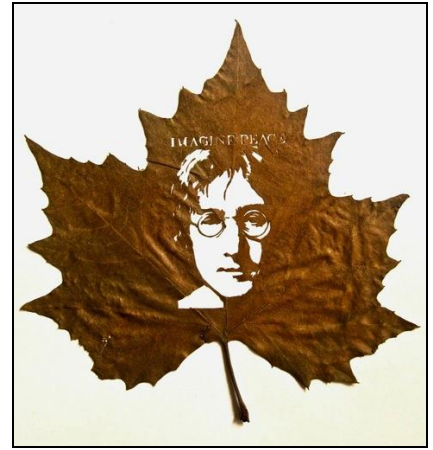
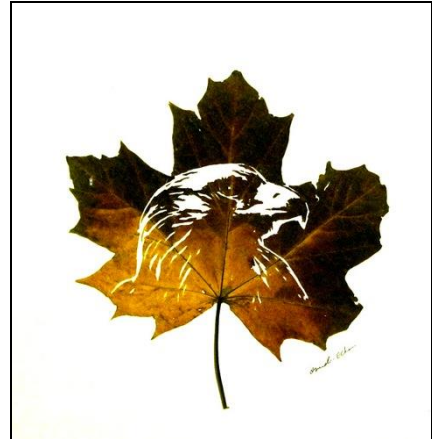
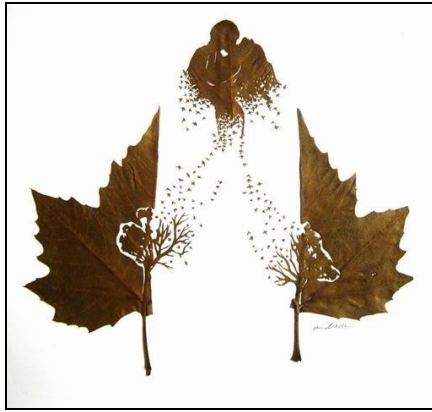
Delicate Leaf Cuttings

By Omid Asadi

My name is Omid Asadi and I currently live in Manchester, United Kingdom. I created this work with carving and cutting techniques on actual fallen leaves using a craft knife and a needle. I always try to create pieces with a message, not just beautiful art. Some of these messages or ideas come from my world view, poems, stories, global problems, and philosophy. I'm also inspired by other artists and designers works.

My Website - <http://omidasadi.artweb.com/>

My Face book - <https://www.facebook.com/omidasadiart>



Contributed by June...

Washing fruit with Vinegar

Vinegar, what can we say about this wonderful product. We all have the frustrating experiences day after day on how quick the fruits perish after purchased and taken home! For this reason, you and your family will treasure this simple but important piece of information.



☺☺☺



☺☺☺

Contributed by Augie...

New Seniors' Exam.

You only need 4 correct out of 10 questions to pass.

- 1) How long did the Hundred Years' War last?
- 2) Which country makes Panama hats?
- 3) From which animal do we get cat gut?
- 4) In which month do Russians celebrate the October Revolution?
- 5) What is a camel's hair brush made of?
- 6) The Canary Islands in the Pacific are named after what animal?
- 7) What was King George VI's first name?
- 8) What color is a purple finch?
- 9) Where are Chinese gooseberries from?
- 10) What is the color of the black box in a commercial airplane?

Remember, you need only 4 correct answers to pass.

Check your answers *Next Page*....

☺☺☺

Contributed by Augie...

GPS poem...

I have a little GPS
I've had it all my life
It's better than the normal ones
My GPS - my wife.

It gives me full instructions
especially how to drive
"It's sixty k's an hour", it says
"You're doing sixty five."

It tells me when to stop and start
And when to use the brake
And tells me that it's never ever
Safe to overtake.

It tells me when a light is red
and when it goes to green
It seems to know instinctively
Just when to intervene.

It lists the vehicles just in front
And all those to the rear
And taking this into account
It specifies my gear.

I'm sure no other driver
Has so helpful a device
For when we leave and lock the car
It still gives its advice.

It fills me up with counselling
Each journey's pretty fraught
So why don't I exchange it
And get a quieter sort?

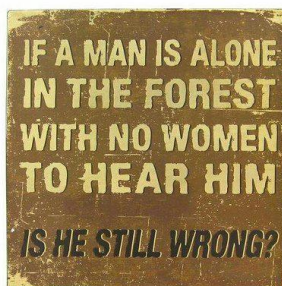
Ah well, you see, it cleans the house
Makes sure I'm properly fed
It washes all my shirts and things
And - lets me have a shed.

Despite all these advantages
And my tendency to scoff
I do wish that once in a while
I could turn the damned thing off.

☺☺☺

**'Dammit I'm mad'
is
'Dammit I'm mad'
Spelled backwards!**

☺☺☺



☺☺☺

☺☺☺

Brick Wall

A female CNN journalist heard about a very old Jewish man who had been going to the Western Wall to pray, twice a day, every day, for a long, long time.

"Pardon me, sir, I'm Rebecca Smith from CNN. What's your name?"

"Morris Feinberg," he replied.

"Sir, how long have you been coming to the Western Wall and praying?"

"For about 60 years."

"60 years! That's amazing!"

What do you pray for?"

"I pray for peace between the Christians, Jews, and the Muslims."

"I pray for all the wars and all the hatred to stop."

"I pray for all our children to grow up safely as responsible adults and to love their fellow man."

"I pray that politicians tell us the truth and put the interests of the people ahead of their own interests."

"How do you feel after doing this for 60 years?"

"Like I'm talking to a f...ing brick wall."

☺☺☺

Contributed by Augie...

Definitions - these fit so well they should be in a dictionary.

Adult: a person who has stopped growing at both ends, and is now growing in the middle.

Beauty parlour: a place where women curl up and dye.

Chickens: the only animals you eat before they are born and after they are dead.

Committee: a body that keeps minutes and wastes hours.

Dust: mud with the juice squeezed out.

Egotist: someone who is usually me-deep in conversation.

Handkerchief: cold storage.

Inflation: cutting money in half without damaging the paper.

Mosquito: an insect that makes you like flies better.

Raisin: a grape with sunburn.

Secret: Something you tell to one person at a time.

Skeleton: a bunch of bones with the person scraped off.

Toothache: the pain that drives you to extraction.

Tomorrow: one of the greatest labour saving devices of today.

Yawn: an honest opinion openly expressed.

Wrinkles: something other people have, similar to my character lines.

Contributed by Augie...

Answers to the New Seniors' Exam.

- 1) How long did the Hundred Years War last? 116 years
2) Which country makes Panama hats? Ecuador
3) From which animal do we get cat gut? Sheep and Horses
4) In which month do Russians celebrate the October Revolution? November
5) What is a camel's hair brush made of? Squirrel fur
6) The Canary Islands in the Pacific are named after what animal? Dogs
7) What was King George VI's first name? Albert
8) What color is a purple finch? Crimson
9) Where are Chinese gooseberries from? New Zealand
10) What is the color of the black box in a commercial airplane? Orange(of course)
What do you mean, you failed?
Me, too!



The Bible Seller

A pastor concluded that his church was getting into very serious financial troubles. While checking the church storeroom, he discovered several cartons of new bibles that had never been opened and distributed. So at his Sunday sermon, he asked for three volunteers from the congregation who would be willing to sell the bibles door-to-door for \$10 each to raise the desperately needed money for the church. Jack, Paul and Louie all raised their hands to volunteer for the task. The minister knew that Jack and Paul earned their living as salesmen and were likely capable of selling some bibles. But he had serious doubts about Louie who was a local farmer, who had always kept to himself because he was embarrassed by his speech impediment. Poor Louie stuttered badly. But, NOT WANTING TO discourage Louie, the minister decided to let him try anyway. He sent the three of them away with the back seat of their cars stacked with bibles. He asked them to meet with him and report the results of their door-to-door selling efforts the following Sunday. Anxious to find out how successful they were, the minister immediately asked Jack, 'Well, Jack, how did you make out selling our bibles last week?' Proudly handing the reverend an envelope, Jack replied, 'Using my sales prowess, I was able to sell 20 bibles, and here's the \$200 I collected on behalf of the church.' 'Fine job, Jack!' The minister said, vigorously shaking his hand... 'You are indeed a fine salesman and the Church is indebted to you.'

Continued next column...

The Bible Seller Continued...

Turning to Paul, 'And Paul, how many bibles did you sell for the Church last week?' Paul, smiling and sticking out his chest, confidently replied, 'I am a professional salesman. I sold 28 bibles on behalf of the church, and here's \$280 I collected.' The minister responded, 'That's absolutely splendid, Paul. You are truly a professional salesman and the church is indebted to you.'

Apprehensively, the minister turned to Louie and said, 'And Louie, did you manage to sell any bibles last week?' Louie silently offered the minister a large envelope. The minister opened it and counted the contents. 'What is this?' the minister exclaimed. 'Louie, there's \$3200 in here! Are you suggesting that you sold 320 bibles for the church, door to door, in just one week?' Louie just nodded.

'That's impossible!' both Jack and Paul said in unison. 'We are professional salesmen, yet you claim to have sold 10 times as many bibles as we could.' 'Yes, this does seem unlikely,' the minister agreed. 'I think you'd better explain how you managed to accomplish this, Louie.'

Louie shrugged... 'I-I-I re-re-really do-do-don't kn-kn-know f-f-f-for sh-sh-sh-sure,' he stammered. Impatiently, Peter interrupted. For crying out loud, Louie, just tell us what you said to them when they answered the door!' 'A-a-a-all I-I-I s-s-said wa-wa-was,' Louis replied, 'W-w-w-would y-y-y-you l-l-l-l-like t-t-to b-b-b-buy th-th-th-this b-b-b-b-bible f-f-for t-t-ten b-b-b-bucks ---o-o-o-or--- wo-wo-would yo-you j-j-j-just l-like m-m-me t-t-to st-st-stand h-h-here and r-r-r-r-r-read it t-to y-y-you?'



Arab Military Technology Is Creeping Up On Us ...



We spend the first twelve months of our children's lives teaching them to walk and talk and the next twelve telling them to sit down and shut up.



Contributed by Doug...

Perfect Brian

A man walked out to the street and caught a taxi just going by. He got into the taxi and the cabbie said, "Perfect timing. You're just like Brian".

Passenger: "Who?"

Cabbie: "Brian Sullivan. He's a guy who did everything right all the time. Like my coming along when you needed a cab, things happen like that to Brian every single time."

Passenger: "There are always a few clouds over everybody."

Cabbie: "Not Brian Sullivan. He was a terrific athlete. He could have won the Grand Slam at tennis. He could golf with the pros. He sang like an opera baritone and danced like a Broadway star and you should have heard him play the piano. He was an amazing guy."

Passenger: "Sounds like he was something really special."

Cabbie: "There's more. He had a memory like a computer. He remembered everybody's birthday. He knew all about wine, which foods to order and which fork to eat them with. He could fix anything. Not like me. I change a fuse and the whole street blacks out. But Brian Sullivan, he could do everything right."

Passenger: "Wow. Some guy then."

Cabbie: "He always knew the quickest way to go in traffic and avoid traffic jams. Not like me, I always seem to get stuck in them. But Brian, he never made a mistake and he really knew how to treat a woman and make her feel good. He would never answer her back even if she was in the wrong; and his clothing was always immaculate, shoes polished too. He was the perfect man! He never made a mistake. No one could ever measure up to Brian Sullivan."

Passenger: "An amazing fellow. How did you meet him?"

Cabbie: "Well, I never actually met Brian. He died. I married his widow."



First you forget names, and then you forget faces. Next you forget to pull your zipper up and finally, you forget to pull it down.



Members Notice Board

Meeting Reminders/Updates

- The club's Christmas Lunch will be held at the club rooms on Sunday, December 7th, 2014; arrive at 12.30pm for a 1.00pm start. Bring salad and/or sweet - Barbeque provided.
- The Tea Tree Gully Gem and Mineral Club Exhibition will be a biennial affair, held on the opposite year to the Enfield show, that is, the next TTGGMC Exhibition will be held on Saturday 20th and Sunday 21st of June, 2015.
- Silver Craft - the last silver group for 2014 will be on Friday 12th of December. The group will resume meeting on Friday 6th February, 2015.
- Box (small, tissue, shoe, etc.) and 'Grab Bag' Appeal - required for next year's Exhibition.

Wanted

Mineral photo opportunities.

I'm looking for opportunities to photograph mineral specimens (South Australian in particular) for future newsletter "Mineral Matters" articles.

Do you have mineral specimens that you can make available to be photographed?

I'm prepared to take these photos at your nominated location or at the club rooms, whichever suits you.

Specimens do not have to be first prize winners - what matters, is that they are clearly identifiable, and present as a reasonable example from a known location.

Hope you can help me out on behalf of the club.

Mel Jones
08 8395 1792
mel.jones@bigpond.com

Newsletter Content & Contributions

Contributions for the newsletter need to be passed on to me no later than one week before each club meeting.

As the current caretaker for the club newsletter, I will be emailing members a link to the copy on the Monday prior to the meeting.

Please consider contributing some of your photos and stories for all to enjoy. These do not have to be mineral related.

I look forward to your ongoing assistance and also seek your timely, frank feedback so that the newsletter continues to meet the club members' interest.

Mel Jones
08 8395 1792

mel.jones@bigpond.com

Useful Internet Links

2014 Australian (& some NZ!) Gem & Mineral Calendar: <http://www.mineral.org.au/shows/shows.html>

Australian Federation of Lapidary and Allied Crafts Association (AFLACA): <http://aflaca.org.au/>

AFLACA-GMCASA: <http://aflaca.org.au/members/gem-and-mineral-clubs-association-of-south-australia-gmcasa/>

Gem and Mineral Clubs Association of South Australia (GMCASA): <http://www.gmcasa.org.au/>

Adelaide Gem and Mineral Club: http://sacommunity.org/org/197578-Adelaide_Gem_%2526_Mineral_Club#.Uta7ufRDt8E <http://www.adelaidegmc.websyte.com.au/>

Broken Hill Mineral Club, The: <http://brokenhillmineralclub.wikispaces.com/>

Enfield Gem and Mineral Club Inc: www.egmc.infopage.com.au
<http://southaustralia.localitylist.com.au/yellowresult.php/goal/Detail/ckey/26988>

Flinders Gem, Geology and Mineral Club Inc:
http://www.lapidaryworld.com/flinders_geology_gem_and_mineral_club.html

Mineralogical Society of SA Inc: <http://www.sa-minsoc.websyte.com.au/>

Murraylands Gem and Mineral Club Inc: <http://www.murraylandsgmc.org.au/>

Southern Rockhounds: Website - <http://www.southernrockhounds.com.au/home>
Facebook - <https://www.facebook.com/SouthernRockhounds>

Yorke Peninsula Gem and Mineral Club Inc: <http://www.coppercoast.sa.gov.au/page.aspx?u=754&c=16913>