

# TUBBUT TATTLER

ISSN 2200 - 5245

October 2019



**Tubbut Neighbourhood House**

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Phone: 02 64580295

Open Wednesday, Thursday and Friday

<http://www.tubbutnh.com> Like us on Facebook

Next deadline: October 28



Photo courtesy of Orbost & District Historical Society -Bonang PO and Hotel.

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# CLASSIFIEDS

## Front Cover

Front cover photo shows the Bonang Hotel date of establishment not found and the Post Office which operated from at least 1859.

If anyone knows where these were located we would love to hear from you.

## Orbost Solar and Electrical

Happy to come to our area and comes highly recommended by the Tubbut Neighbourhood House

Call Ben on 0434038395



## Septic getting full?

Robert Hampshire will pump out your loo. Septic tanks, porta-loos— no problems Truck has capacity to handle 2 tanks/trip Phone: 0417423983

Please keep your old glass bottles for Robert too as he is a passionate collector.

## FOR HIRE

The Tubbut Neighbourhood House has the following for Hire:

Trailer—\$5.00 per day

Wood Splitter—\$10.00 per day

*You can also borrow many of our books & gadgets:*

Laminator, recording VHS to DVD player, Laptop, tablet, digital photo scanner, convert photos, slides or negatives to digital, record records to USB

## Available for cleaning (only)

Contact Natasha 64588162 or 0408477774

The Tubbut Tattler is produced by the Coordinators of the Tubbut Neighbourhood House which is funded by the Victorian Government. Material herein is the responsibility of the authors and does not represent the views of the DVICG or Tubbut Neighbourhood House unless stated. We welcome material from, and of interest to, people in the border areas of East Gippsland and NSW.

## WANTED

Old crockery of any colour except white, can have patterns, can be broken.

Please contact Sue Collins 64580287 or the NH, or leave at the Bonang Hall.

## FREE

The Neighbourhood House has some large glass Moccona coffee jars if anyone would like them for storage.

Just call in and pick them up.

## Bobcat contractor for hire

Slashing, clearing, small earthworks, levelling, preparation for sheds, carports, water tanks and paving and clean ups

Ring Steve 0407190258 or email [stephenscroepe@bigpond.com](mailto:stephenscroepe@bigpond.com)

## Bates' Fencing & Machine Hire

-Large 90hp Compact Track Loader.

Tracks ensure minimal ground disturbance.

- 900 mm Trencher ideal for pipe / cable laying  
- 6 ft slasher for paddock, scrub & advanced re-growth clearing with tree pusher, ideal for fence line maintenance.

- 1600mm Road Broom / sweeper

- 300mm post hole auger

- Bucket, dozer blade , pallet & forks

- Fan assisted sprayer for difficult rain

- Experienced operator

- Fully insured & GST registered

- Experienced in Rural fence design & construction

Call Mark on 02 64580225



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**Tattler Contributions:** We welcome your articles, news, reports on local groups, photos from local events, milestones, interesting stories, poems, biographies, births, deaths, historical items, and more. *We also welcome any letters to the editors.*

# Tubbut Neighbourhood House

## POISONED DOGS.

To the coward, vile creep who dropped poisoned bates near our house and caused the useless death of two working Maremmas, one Kelpie bitch and one Labrador house pet.

If you were so disturbed by them, all you had to do was talk to us, instead of hiding in the dark to conduct your lowly activities.

Congratulations!! In the world competition for cruelty and cowardice you win the GOLD medal!

To us you remain a stupid sad and sorry excuse of a human being, remain in the dark. There is no room in society or our community for people like you.

Patrizia & Phillip Neven.

Bendoc RTC we are trying to organise a **MICROSOFT EXCEL WORKSHOP**. A trainer from Canberra is happy to travel down from Canberra and stay for the night to offer 2 days training. The cost is approx. \$1300 so if we can get 10 participants it will be divided by the 10 so \$130 is reasonable. Participants would need their own laptop (we might have one or two spares if it came to that). If anyone is interested please contact Bendoc RTC or give us a call at the Neighbourhood House

## ROAD WIDTHS

The Neighbourhood House has received the following information on road land widths from Rural Roads Victoria:

Information from the Austroads Guide to Road Design– Lane widths depend on the Annual Average Dailey Traffic (AADT) for each road. Lane widths for the AADT of 150– 500 vehicles is 3.1m and for the AADT of 500-1000 vehicles is 3.1– 3.5m.

## HOMELESSNESS AND MEN AND WOMEN OF AUSTRALIA - IT'S ABOUT TIME SOMETHING WAS DONE

It was nearly midnight on the 16/7/19. I was watching Q&A. A young fellow the age of 18/19 spoke up about homelessness and violence. Well now there should be something done about that - so what can be done about this situation? There's lots of homelessness in Australia so something has got to be done. Why don't the well off people do a bit about it. For instance if there was a national wide fundraiser and the government put in dollar for dollar to match the donations. It could start of building buildings for these homeless people and they'd have somewhere as a refuge. They wouldn't have to pay rent until they secure a job of some sort and this rent would only be a percentage of what they earn. You would think this would be some sort of project of the government already. It would be a great step forward in Australia for all Australians and each dollar that goes in goes towards building more refuges and helping more people. It'll be a project or a hobby of the well to do people and watch it grow.

NSW - Laurence Neven from a little town called Delegate

# What's On

## Markets

Bairnsdale Farmers Market 8.00am	1st Sat of month	Next market 5th Oct
Paynesville Farmer & Makers Market 8.30-1.30	4th Sat of month	Next market 26th Oct
Howitt Park Market 8.00– 1.00	4th Sun of month	Next market 27th Oct
Wyndham Village Market 8.30– 1.00	4th Sun of month	Next market 27th Oct
Merrimbula seaside Market 8.00– 12.30	3rd Sun of month	Next market 20th Oct
Eden local produce Market 10.00– 2.00	3rd Sat of month	Next market 19th Oct
Pambula Market 8.00– 1.00	2nd Sun of month	Next market 13th Oct
Candelo Market 8.30– 12.30	1st Sun of month	Next market 6th Oct
Mallacoota	1st Sat of month	Next market 5th Oct

## Mobile Library Bus

**October-** Thursday 17th, 31st

**November**—14th, 28th

**December**—12th

*The library bus stops at*—Bendoc (near hall) 9.00am - 9.45am  
 - Delegate River (near Tavern) 10.45am - 11.30am  
 - Tubbut (near hall) 1.00pm - 1.45pm  
 - Bonang (near hall) 2.30pm - 3.00pm  
 - Goongerah (near school) 3.30pm - 4.00pm

## Community Lunch

We will be having a community lunch at the Tubbut Supper Room on Thursday 17th October from 12:00pm onwards.

Please come along and enjoy a meal and a chat, it is also Library day.



# What's On

*Delegate Heritage Weekend*  
**COUNTRY CLUB**  
**MUSIC NIGHT**  
*Featuring*  
**Frock 'n' Troll    Tige and Tracey    Roger and Friends**



Saturday 26<sup>th</sup> October from 6:30pm till late  
 Delegate Country Club  
 Entry by donation  
 Meals and Bus available  
 Bookings appreciated



**Bombala Rotary Market**  
 Saturday 23<sup>rd</sup> November 2019  
 8 am - 2pm Along the banks of  
 the Bombala River

*For additional information or to  
 secure your stall site please call*

**Geraldine Dyer 0448 351 962**  
**Tanya Ingram 0408 301 813**  
 Or email [mgdyer@bigpond.net.au](mailto:mgdyer@bigpond.net.au)


**East Gippsland Women in Agriculture Network**




2 days of training in building confidence & emotional resilience, creating & recognising leadership skills, while understanding a range of communication tools

**Nov 7th & 8th**  
**Nowa Nowa**  
**2 day leadership Retreat**  
**Presenter: Gayle Hardy from GlobaLeadership Foundation**

**Provided:**  
 all accommodation,  
 food & training  
 Cost is free, but space is limited.

Great opportunity to get together with other women in agriculture industry: be you just starting in agriculture, been there for years, working off farm, the farmers wife, manager, or even the farmhand.

Please RSVP to Emma Orgill on [emma.orgill@fevl.org.au](mailto:emma.orgill@fevl.org.au) or 5154 2867

   This project is supported by Far East Victoria Landcare, through funding from the Australian Government's National Landcare Program

Don't forget the Bonang Big Arvo on 31st October.

**Please note changes to meal time and services.**  
**Where: Bonang Hall**

**Time: Lunch @ 1:00pm**

**Services: from 2:00 - 5:00pm**



# What's On



## Deb's 70th Gathering

All are welcome to drop by the Tubbut outdoor kitchen and Supper Room on Saturday November 16th from late morning (11ish) till dark to join me in marking my entry into the eighth decade of my life. I once took my life for granted but no longer - hence my desire to have friends join me.

No presents please but your food contribution will be welcomed.

We will be firing up the pizza oven so bring your favourite toppings. Salads will be provided. I am hoping that the river will be accessible so, if its hot, bring your bathers.

If you need somewhere to lay out your swag, contact me.

And don't break a leg to get there - just try to catch up with me some time during my 71st year in Orbost or elsewhere. That way my birthday will last and last.



# What's On

## BIG BONANG ARVO

Thursday 31st October 2019—Bonang Hall 2–5pm



**Lunch at 1pm-2pm**

**Services 2pm-5pm**

**Enquire Tubbut Neighbourhood House (02) 64580295**

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**lucky door prize, health information  
and lots more**



Blood Pressure Checks, Women's Health, Dietician, District Nurse, Counselling Team, Allied Health, DELWP, Parks Victoria, CFA, East Gippsland Shire, Library bus, and possibly a few more services we are waiting for confirmation, you are welcome to ring us closer to the date to find out more.



Proudly supported by



Health  
Southern NSW  
Local Health District



Environment,  
Land, Water  
and Planning



# Orbost Exhibition Centre

**Media Release Monday September 23 2019**

## **Orbost Exhibition Centre welcomes new members**

The Exhibition Centre is an important cultural icon for the town of Orbost and surrounding areas. Situated beside the Snowy River, adjacent to the Settlers Hut Tourist information Centre, it overlooks Forest Park which is visited by many travellers.

Local people, in increasing numbers, are attending exhibitions and live shows held at the Centre.

Established to showcase the work of Australian wood designers, the Exhibition Centre is now the chosen venue for many artists performing in Orbost.

Like most community facilities, it is managed by volunteers. We have been lucky to have the services of Scott Campbell-Smith as volunteer director for the past eighteen months; Scott coordinated this year's Australian Wood Design Exhibition, held in January after a break of eight years. Organisation of the 2020 Australian Wood Design Exhibition is already underway.

Next year we hope to be able to pay a Director but we need new volunteers to join the Committee of Management.

This makes our AGM, to be held on October 15<sup>th</sup>, a crucial date for Orbost people keen to support the Centre. All are invited to join us for a membership meeting at 4.30 followed by a pizza dinner and the AGM. Please feel welcome to join as a supporter even if you do not yet feel ready to become a committee member. There will be a membership meeting at 4.30 for anyone wishing to become a member (and therefore eligible to be part of the committee) followed by dinner and the AGM at 5.30

To keep the building in good condition, working bees are organised periodically to do annual upkeep and improve safety. Our working bee on Saturday October 19 will concentrate on painting the deck with non-slip paint and refreshing some internal walls with white paint. Please come with brushes and rollers if you have them. Work will start at 10 am and finish at approximately 3 pm, with lunch provided.

There are several shows planned in November – watch this space for more details.

We have several events in October - November. They are:

**Saturday October 5, 7-9.30. \$15 The Awesome, jazz/folk fusion sensation, a south coast band with local drummer Robbie Beel**

**Tuesday October 15, AGM, preceded by membership meeting at 4.30 and pizza dinner**

**Saturday October 19, Working bee 10-3, lunch provided.**

**Liminality - Celtic Trio, November 2;**

**Dr Hernandez - November 9, Cumbia, Bugalu, Reggae and Dub;**

**Fred Smith - November 20th, folk-rock singer/songwriter.**

**Please ring Scott to register your attendance and for more information on 0449734587**



# News from the Shire

## Council raises concerns on draft coastal

East Gippsland Shire Council has voiced its concerns with a number of aspects of the Victorian Government on its Draft Marine and Coastal Policy, saying it would fundamentally change the way of life for East Gippsland communities.

Council's submission, endorsed at the Council meeting on September 10, considers that the proposed draft policy will have a significant impact on the current operational activities for extensive sections of East Gippsland's coastal Crown Land.

While all coastal land is Crown land, Council is committee of management for many coastal areas. The draft policy would apply to all land within five kilometres of the high watermark.

Mayor Cr Natalie O'Connell said Council's model for managing activities on this public land is vital to the economic prosperity of coastal towns.

"Many of the towns along the coast and Gippsland Lakes are inextricably dependent on their coastal location for use, facilities and infrastructure. Our role as Committee of Management is critical to the key tourism economic driver for East Gippsland and the Gippsland Lakes," Cr O'Connell said.

"The draft policy aims to, over time, decommission buildings, structures and access to private land by withdrawing permission to use coastal Crown land. It proposes to remove buildings and infrastructure such as private jetties, boat sheds, access and fishing huts as opportunities arise, but is not clear what those 'opportunities' are.

"Council has developed a number of foreshore management plans which has been an effective and efficient management system. These plans and processes are not recognised in the draft policy's marine framework."

Rural properties may also be affected, as the draft policy seeks to prohibit buildings and structures on ridgelines outside of towns. It would also prohibit erosion works and preventative actions which would benefit private landowners.

"Council feels the draft policy would have a negative impact on residents, recreational boating, and tourism. We don't believe the draft policy has had the appropriate level of consultation with local government

## Do you know someone that has made an outstanding contribution to our community?

East Gippsland Australia Day Awards for 2020 Australia Day are now open.

If you know an amazing Aussie who deserves recognition or someone who gives so much to the community or possibly attended a great community event, we would love to hear from you.

You can nominate these wonderful Aussie heroes that make living where we do even more magic in any of the 3 categories:

- Citizen of the Year
- Young Citizen of the Year (27 years and under)
- Community Event of the Year

To nominate, go to Council website:

[www.eastgippsland.vic.gov.au/Community/Australia\\_Day](http://www.eastgippsland.vic.gov.au/Community/Australia_Day) to download the nomination form or pick up from any Council Service Centre. Once filled out, you can either email the form to [feedback@egipps.vic.gov.au](mailto:feedback@egipps.vic.gov.au) or drop the form into any Council Service Centre.

**Nominations close FRIDAY 22 NOVEMBER.**

Kind Regards,

Council Events Team



## Aiming for 100 per cent renewables

*For immediate release — Tuesday, September 17, 2019*

East Gippsland Shire Council will participate in a tender for a Power Purchase Agreement (PPA) for 100 per cent renewable electricity from July 1, 2020.

The PPA opportunity has been developed by a local government group consortium of 48 Victorian councils. The tender will be managed by the Municipal Association of Victoria (MAV) and is for the purchase of renewable electricity.

Mayor Cr Natalie O'Connell said council endorsed the PPA participation last month.

"In addition to reducing council's greenhouse gas emissions, participation in a PPA for 100 per cent renewable energy will demonstrate our ongoing commitment to environmental sustainability and deliver on our Council Plan commitment to reduce council's energy use and greenhouse gas emissions by 2021," Cr O'Connell said.

"This procurement approach is for long term electricity supply (10 years). PPAs provide pricing certainty with the potential for securing cheaper electricity rates," Cr O'Connell said.

**Media Enquiries: Jenni Bartlett – (03) 5179 5139 or Communications – (03) 5153 9500**

# News from the Shire

## Council to request 'local' board representation

East Gippsland Shire Council will write to the Premier requesting the Victorian Government supports a target for local, regional representation on statutory boards, advisory councils, trusts or specific commissioners.

Such boards have been established to undertake a range of administrative, service delivery and/or regulatory functions with the aim of ensuring communities thrive. These entities may include, but are not limited to, water authorities, regional and district health services, Catchment Management Authorities, Ports coordinating boards, specific natural resource authorities, waste management authorities, economic development authorities, educational providers such as TAFE, and others.

Cr Mark Reeves, in moving the notice of motion at Tuesday night's monthly meeting, said Council believes local representation, governance and skill-specific skills are all essential on such boards.

"The intent of the request is to set an aspiration for representation on boards by suitably qualified people who reside in and have specific knowledge of the local area affected by the appointed board," Cr Reeves said.

Council will also seek support from the Government for a strategic approach to skills development for local potential board members, e.g. local board directors' courses.

Cr Reeves said statutory boards, advisory council, trusts or specific commissioners perform essential and valued roles.

"Whether it is local medical services, water and sewage supply to homes, economic development groups, all make our communities better places to live, grow and invest," he said.

"Such entities should have representatives who bring skills of good governance, financial management, compliance and strategic planning. There is a risk that such entities attract membership that could meet these skills but do not necessarily reside in the locale of the entity.

"Ideally, membership would have appropriate representation: gender, ability-disability, indigeneity and location or postcode residence, among others. Unfortunately, such aspirations do not always result in a realworld experience that matches the expectation."

Council will advocate with the Gippsland Local Government Network in writing to the Premier.

"Moreover, we will look forward to understanding a review in future of the local membership model to ensure that the best outcomes and decisions result," Cr Reeves said.

Media Enquiries: Luke Robinson - (03) 5153 9411 or Communications 5153 9500

## State delivers on Council's drought advocacy

East Gippsland Shire Council Mayor Cr Natalie O'Connell has thanked Premier Daniel Andrews and Agriculture Minister Jaclyn Symes for today announcing a new drought funding package, which has a focus on East Gippsland.

The \$31 million Victorian Government package is targeted to support East Gippsland, Wellington, and the Goulburn Murray Irrigation District and Millewa in the north-west of the state. It includes:

- \$1.51m for East Gippsland Shire Council to assist in meeting the immediate needs of the community.
- \$400,000 for the Gippsland Agriculture Group demonstration/trial site near the Bairnsdale Aerodrome, with a focus on farming in a changing climate and building resilience and readiness for the future.
- \$12m in grants to invest in on-farm drought preparedness, including the waiving of fees for new water bores.
- \$3m in hardship payments (up to \$3,000 per family) to be distributed in partnership with the Country Women's Association.
- \$1.25m for local projects and community resilience building, including support for Council's joint (with Wellington Shire Council) 'Looking Ahead' approach to transition, recovery and adaption.
- Continuation of the drought employment program being administered by the Catchment Management Authority, which provides off-farm work for local farmers.

Cr O'Connell said the package would help address some of the immediate, short and longer-term challenges facing East Gippsland because of one of the region's most severe droughts on record.

"Today's announcement is welcome news and a positive response from the Government to our strong advocacy on behalf of our farmers and communities," Cr O'Connell said.

The Mayor said how Council distributes the \$1.51m would be determined in the coming weeks.

"It will be a decision made by Council in consultation with our Drought Reference Group. We're conscious of working as quickly as possible given the pressures being faced by our communities. Using the funding to provide rate relief will be part of those discussions," Cr O'Connell said.

"This is a positive response to our advocacy, and acknowledgement from the Government that our communities are doing it tough. The Government's strong undertaking today to work with us if further support was needed was also great to hear.

"The Minister and I have had regular contact and will continue to do so to ensure our communities are front-of-mind during the drought and in recovery."

# News from the Shire

## Drought allocation determined

East Gippsland Shire Council will use a multi-pronged approach to allocating \$500,000 in drought support, for short and longer-term community benefit.

Council allocated \$500,000 in its 2019/20 budget to be able to respond to drought affected communities without the constraints of external funding criteria, and has worked with stakeholders to develop how best to use the funding.

The funding will be spread across: individual support (\$130,000), community support (\$120,000), future focussed and strategic (\$150,000), advocacy and awareness raising (\$50,000) and contingency (\$50,000).

Mayor Cr Natalie O'Connell said one of the support priorities would be targeted at individuals experiencing difficulty as a direct result of the drought, with a \$130,000 allocation to volunteer and welfare agencies.

"We recognise volunteer and welfare agencies are better placed to provide direct assistance to individuals than Council. They already operate in this space, have appropriate systems and processes in place and are trusted by our communities," Cr O'Connell said.

"This will allow these agencies to target those most in need. That could be through debit cards, shop local vouchers or direct support of goods or products.

"Volunteer organisations, groups and individuals who give up their time to fundraise, pack hampers, deliver fodder, drop in for a cuppa or be that friendly ear over the farm gate are the unsung heroes of this drought.

"To the many groups like Red Cross, Country Women's Association, Lions, Rotary, Gippsland Farmer Relief, thank-you."

Council also understands how local communities are being impacted and has allocated \$120,000 for community events.

"Community events are a great opportunity to bring all facets of the community together and

"The intent of this funding is for it to be delivered simply. Groups and individuals are tired of filling in forms and re-telling their story to get small amounts of money to undertake activities. We will make accessing this money simple."

An allocation of \$150,000 will support future focussed / strategic initiatives, identified in the Looking Ahead – Gippsland Drought Response Proposal 2019 developed in conjunction with Wellington Shire Council.

"Considerable talk throughout this drought has been around preparation for future droughts and making our farming communities more sustainable," Cr O'Connell said.

"It has been recognised that not all farms are equally impacted by drought. The impact depends on many factors and understanding these factors is an important part of building the collective knowledge of the sector."

Advocacy and awareness raising has been allocated \$50,000.

"The Drought Reference Group expressed a need to raise the profile of the issues affecting East Gippsland farmers with the broader Victorian community and particularly the decision makers. The purpose of an advocacy campaign is to ensure that the story of the East Gippsland drought is accurately portrayed through the media," Cr O'Connell said.

A \$50,000 contingency will be maintained to respond to other issues or opportunities as they arise through Council, the Drought Reference Group or community directly.

Cr O'Connell said the funding did not address rate relief because Council has previously determined that this is a function of the State Government.

"Council has made the determination of funding based on considerable feedback from the East Gippsland Drought Reference Group, which includes farmer, health, environmental and employment representation, individual discussions in the community and discussions within Council," Cr O'Connell said.



# News from the Departments



## Accidental Counsellor Workshop



### WHEN

This training has been booked out in five locations across the SENSW PHN catchment however we are happy to receive suggestions for other locations within the South Eastern NSW region to deliver additional sessions at a later date.

Please contact Louise Roser on [lrosier@coordinare.org.au](mailto:lrosier@coordinare.org.au) or 4474 8410 if interested in finding out more.

### WHO

Community members wanting to support others

### COST

Free

### Training the 'accidental counsellors' in our community

As community members we often find ourselves providing support to friends and neighbours who are experiencing difficulty and emotional distress. We want to help, but how should we respond?

This **FREE** 1 day workshop aims to provide participants with a practical framework and skill set that enables them to respond with clarity and confidence.



### Show us in a temporary tattoo design!

The Organising Committee of Walk to Change the Story 2019 is searching for five temporary tattoo designs that reflect gender equality and eliminating family violence.

#### Details

Entries must demonstrate gender equality, empowering women and eliminating family violence.

Five designs will be chosen by the organising committee and distributed as temporary tattoos at the event to be held on Wednesday 27 November. Each designer will be awarded a \$50 gift card.

Entries must be received by 5pm on Friday 18 October. Email [wtcst@glich.org.au](mailto:wtcst@glich.org.au) or mail or deliver to Gippsland Lakes Community Health, 281 Main Street Bairnsdale 3875.

#### Design

- The design **MUST** be the original work of, and therefore owned by the submitter.
- The design may be created using pencils, crayons, markers or paint.
- The design may be created with a computer drawing program, but of course, any images used must be original.
- The design should be simple - not be complicated or confusing - and all elements must be discernible when reproduced in smaller sizes.

For more details visit [gliche.org.au](http://gliche.org.au) or the Walk to Change the Story Facebook Group

## Reducing landfill by recycling polystyrene

A processing machine to enable more recycling of polystyrene is operating at East Gippsland Shire Council's Bairnsdale landfill. Mayor Cr Natalie O'Connell said to divert expanded polystyrene (EPS) from landfill, Council's waste minimisation and sustainability team has invested in an EPS processing machine which compresses the polystyrene using heat. The product obtained during this process is then sent to a recycler to be used in picture frames, cornices and other materials.

"Council currently has a nine-year partnership agreement with Bairnsdale Recycling Enterprise Incorporated (BREI) who manage and run the Tip Shop at the Bairnsdale landfill," Cr O'Connell said.

"BREI has been proactively diverting reusable and resalable items from landfill and assisting Council with mattress processing and recycling over the past two years. In what is a great outcome for both parties, we recently signed up BREI to manage and process the expanded polystyrene material.

"Both mattresses and EPS are voluminous commodities that are very difficult to compact thus taking a significant amount of airspace. It costs approximately \$150 for every cubic meter of airspace filled at the landfill."

Manager BREI Geoff Veness said the strong partnership enables the voluntary community based social enterprise to reduce landfill and provide a valuable opportunity for locals who have had difficulty gaining employment.

"We are able to employ seven staff, as well as diverting more than 150,000 cubic meters of landfill each year. This new opportunity to recycle polystyrene will benefit the whole community."

Cr O'Connell said this new agreement to process EPS is another step not only to combat waste challenges, but to also build a stronger local economy and local solution to waste issues.

"This initiative will see waste diversion and a small step towards a circular economy," Cr O'Connell said.

Council has provided the EPS processing machine and \$24,000 per annum in cash to operate and manage the EPS recycling.

Polystyrene is made into a foam material, expanded polystyrene (EPS) which is valued for its insulating and cushioning properties. Foam polystyrene can be more than 95 per cent air and is widely used to make home and appliance insulation, lightweight protective packaging, surfboards, foodservice and food packaging, automobile parts, roadway and road bank stabilisation systems and more.

# Grasshoppers

## Species of grasshopper not seen since 1960s rediscovered in Gippsland

ABC Gippsland By [Sarah Maunder](#)



**PHOTO:** [The Key's matchstick grasshopper was thought to be extinct in Victoria.](#) (Supplied: Michael Kearney)

**A species of grasshopper that has not been seen in Victoria since the 1960s has been rediscovered at Omeo in East Gippsland.**

Key points:

The Key's matchstick grasshopper is found in NSW and ACT, but has not been seen in Victoria since 1967

The grasshopper has been rediscovered in Omeo, in East Gippsland, Victoria

Work is now being done to preserve the grasshopper's habitat and possibly reintroduce it back into other parts of Victoria

The rediscovery of the Key's matchstick grasshopper was made by Melbourne University's Associate Professor Michael Kearney and Professor Ary Hoffmann.

"The unusual thing about this species is that we're not talking about a threatened species that we can't do much about," Dr Hoffmann said.

"It's actually a species that's now threatened, but we can certainly resurrect it in many areas, and we can expect to see flow-on effects more generally in biodiversity because we can get these things present at high densities if we start reintroducing them."

The Key's matchstick grasshopper is part of the family of wingless matchstick grasshoppers. There are around 250 species of matchstick grasshoppers in Australia.

Until now, the Key's matchstick grasshopper had not been seen in Victoria since 1967.

### **Unexpected rediscovery**

Dr Kearney and Dr Hoffmann visited 25 cemeteries in Victoria, NSW and ACT in search of the rare insect.

Grasshoppers live in grasslands, but according to Dr Kearney and Dr Hoffmann, it was the kind of habitat that had slowly been disappearing across Australia for a number of reasons, including grazing and development.

"So that's the reason this grasshopper is threatened," Dr Kearney said.

Back in the 1950s and 60s, the Key's matchstick grasshopper was commonly found in cemeteries because that was where animal grazing had been prevented.

"It seems that this species is very sensitive to overgrazing," Dr Kearney said.

"Cemeteries were quite an important stronghold for the Key's matchstick grasshopper in the past, but unfortunately these days cemeteries are managed so the grass is kept quite low, and so many of these cemeteries no longer hold the grasshopper.

"The places we searched in Victoria originally, some of the old sites along the Hume Highway, the grasshopper had vanished.

**"We had lost hope they were in Victoria."**

The Key's matchstick grasshopper is named after the entomologist who discovered them, Ken Key.

"Key left behind some field notebooks that detailed some sites in Omeo where the grasshopper was found that we didn't previously know about," Dr Kearney said.

"It was the last place we went looking, actually.

"Of all the places we could possibly find them in Victoria, this was the last place where we had the chance of seeing them and we weren't very confident.

**"It was very surprising and exciting to see them on the side of the road in Omeo."**

Zoos Victoria research manager Michael Magrath said the rediscovery was exciting news.

"It is unusual after a period of 50 years for a species to be rediscovered," Dr Magrath said.

"These stories of animals turning up can maintain that these species may still be out there."

# Grasshoppers cont.

## Key to evolution

The Key's matchstick grasshopper is special because it provided an early insight into evolution. "It was one of those grasshoppers that could be studied on a chromosomal level," Dr Hoffmann said.

"It has different types of chromosomes and, in the early days of evolutionary biology, people were very interested in asking the question 'Can we show different genetic variants moving through populations as evolution was acting?'

"It's an example of natural selection really affecting the genes in a population, and that was an early challenge for biologists when they first started looking at evolution."

Dr Hoffmann said it felt "pretty good" to find the insect.

*"It was something that other people had looked for and not found. All of sudden we stop by the side of the road and there they were!"*

"We did wonder at one stage whether they existed in Victoria at all."

## The importance of insects

Dr Hoffmann said some people questioned the importance of insects and their role in biodiversity. "This grasshopper was probably one of the most abundant animals in large parts of Victoria," he said.

"Of course it plays a very important ecological role because it provides food for other animals and that goes up the food chain.

"So in a sense these small animals do support biodiversity in a big way."

Mr Magrath said it was hoped Melbourne Zoo would one day be able to have a display of the Key's matchstick grasshopper.

"We only recently added the Key's matchstick grasshopper to our list of fighting extinction species, which is our list of 27 species for which Zoos Victoria focuses quite a lot of our conservation effort," he said.

"So to hear that it actually was rediscovered in Victoria after more than 50 years was really exciting for us."

Dr Magrath said Zoos Victoria would help organise further survey work to see if the grasshopper was in other places in Victoria.

"To do that we're going to try and engage local schools and communities in areas within the historical range of the species, so hopefully we will be able to find additional populations," he said.

"One of the things we're hoping to do over the next few years is to set up a display at Melbourne Zoo so the public can get a close encounter with this species."

## Saving a species

Dr Kearney said the next step in the rediscovery was looking after the sites where the insect was already living.

"Vic Roads are taking steps already to make sure those sites are managed appropriately," he said. He said he was now thinking about where else they might be living and recreating their habitat.

"They don't need too much, they just need the right kind of food, and to make sure the vegetation isn't grazed all the time," Dr Kearney said.

"They also need a little bit of help to get to these places because they can't fly."

There was also the possibility of reintroducing the grasshopper back to other locations.

"That's exciting because when they are present, there are lots of them. So not only is it good for grasshoppers, but other species that like to eat grasshoppers so there's possibly a lot of benefit in bringing this species back," Dr Kearney said.

Sara Rhodes-Ward is the regional director of Regional Roads Victoria, and part of the team that visited the grasshoppers in Omeo.

"We were able to get a really clear understanding of the kind of environment where the grasshopper is thriving," she said.

"We've been able to identify some other pockets where the grasshopper is, in addition to the main site, and potentially take some immediate action.

"We're issuing instructions to our maintenance crew about how we will treat those sites moving forward, and possibly cordoning off some of those key habitats while we develop a really important environmental management plan for this species."



# In the Garden

## Small Gums for Small Gardens by Brian Walters

The gum tree...

It's as Australian as bush flies in summer and the corks on a swaggie's hat.

The character, the look, the smell of the Australian bush are all due to the gum tree, or eucalypt.

It's said that soldiers returning home by ship after the two world wars could smell the aroma of *Eucalyptus* oil before they could see the Australian coastline on the horizon. Whether this is true or a piece of folklore doesn't really matter; it indicates the affection that most Australians have for the eucalypt. The wattle may be the official national floral emblem, but the gum tree IS Australia.

Of course, the first Europeans to settle in Australia didn't immediately succumb to the charms of the native bush. It was an alien environment and they immediately set about clearing the *Eucalyptus* "scrub" and re-creating the gardens of their homelands.

The Polish botanist Lhotsky even went so far as to describe eucalypt forests as "mind blunting monotony"....He probably didn't look closely enough. Eucalypt forests and woodlands may look superficially similar between one locality and the next but there is enormous variation between individual *Eucalyptus* species.

Although there is some debate among botanists about the taxonomy of the eucalypts (see box), for the purposes of this article the eucalypts can be considered as comprising three closely related genera - *Eucalyptus*, *Corymbia* and *Angophora*. Overall there are over 700 different eucalypt species, all but two occurring naturally only in Australia.

Most of these are never seen in gardens and many are probably unsuitable due to their size. The "Mountain Ash" (*Eucalyptus regnans*), for example, which is found in wet sclerophyll forests of Victoria and Tasmania reaches 70-80 metres. This is clearly excessive for a small suburban garden. But there are numerous smaller species which make ideal subjects. In fact, the gum tree establishes the legitimacy of an Australian garden....it's almost un-Australian to own a garden without at least one, don't you agree! Of course you do!

### Basic Selection

In selecting suitable small species for smaller gardens there are several factors which need to be considered. Firstly, you need to decide what you mean by "small". Then you need to consider the local growing conditions in comparison to the conditions of the natural habitat of the various species. Many gardeners are attracted by some of the spectacular flowering gums of Western Australia but, in the humid eastern states, these are not usually reliable despite the occasional successful specimen. By the way, the term "flowering gum" is a bit superfluous; all gum trees flower, it's just that some are more spectacular than others.

So what constitutes a "small" gum tree?

For the purpose of this article I have adopted a maximum height of about 10 metres (30 feet) which is achieved in about 10 to 15 years. For the average sized suburban garden this is a reasonable small gum but it may be a bit big if you live on a "handkerchief". That's OK - there are smaller ones for you to consider. It's worth remembering also, that size is fairly arbitrary as local soil and climatic conditions will affect the growth rate as well as the potential height that the tree may reach.

A difficult problem is that many gardeners require that trees be quick growing to a certain height and then stop, more or less. Unfortunately there are few trees that will meet this criterion. Most trees that quickly reach (say) 5 metres are bound for the sky. If you want a tree of more modest ultimate height you will probably have to accept something a little slower in growth rate.

It's also important to realise that most eucalypts are long lived in suitable conditions and even some small ones may eventually exceed 10 metres.

### Bark and Trunk Characteristics

All too often floral characteristics govern our selection of plants for the garden. While this is understandable, it's important to remember that once a tree gets to any reasonable size, the trunk (and its bark type) will be one of its most prominent features unless it's one of those that retain foliage to near ground level.

Among the eucalypts there are many different types of bark. These include:

- Smooth bark, where the bark is shed annually.
- Stringybark, where the bark is retained in long, fibrous strips.
- Ironbark, where the bark is hard and deeply furrowed.
- Box bark, where the bark is retained as "flakes" which may break away as slabs periodically to leave bare areas.

# In the Garden

## Placement in the Garden

Trees produce shade.

An obvious statement, I know. But, at planting time, the future impact of the shade that will be produced by a 1 metre sapling is something that many gardeners give only scant attention.

Deciduous trees have always been promoted as being ideal for allowing sunlight to reach living areas during winter while providing a leafy cover to provide shade in summer. But gum trees can do the same job...they just require a little more thought in their placement.

Because the sun is lower in the sky during winter than in summer, placement of a tree to the north of the living areas will allow sunlight to shine below the foliage. Similarly, the foliage will provide summer shade when the sun is overhead. Poor tree location can also adversely affect the performance of shrubs in nearby gardens. Quite apart from the fact that trees may rob gardens of adequate moisture, the shade produced may cause poor flowering of the shrubs, most of which flower better in sunlight. Placement of trees to the south of gardens will minimize this problem.

Another aspect of tree placement is the potential effect on underground pipes and on concrete paths and house foundations. Remember that although I'm discussing small trees here, they are still large plants and the roots of most will find their way into sewer and drainage pipes if given half a chance. As a general rule it's a good idea to plant at least 4 metres away from pipes and from concrete structures as well.

## Close Planting

A trap to be avoided at all costs is the temptation to plant trees as specimens widely spaced around the garden. The danger here is that, eventually, the spreading crowns may merge to cast shade over much of the property, including the house.

Trees are much more effective, in both practical and aesthetic terms, if they are grouped rather than spread out. After all, that's how they occur in nature.

You can safely plant most trees within 1.5 to 2.5 metres of each other. In this way, the merging crowns will not cast excessive shade. In the extreme case, it's possible to get an interesting "multi-trunked" effect by planting two or three trees in the same hole.

Incidentally, the multi-trunked "mallee" species rarely adopt that type of growth under cultivation. So close planting of several small gums of the same species is a way to "cheat"... go on, who's to know?

## Grafted eucalypts

In recent years a number of grafted eucalypts have become available through nurseries. These are generally expensive but they have two important advantages:

- special colour forms can be guaranteed, thus overcoming the colour variations that seedlings can produce

the range over which plants can be cultivated is increased - for example, by grafting the red flowering gum onto a hardy root stock, this spectacular plant can be grown more reliably in humid eastern areas of the country.

Two recent grafted introductions from Tarrawood Nursery, near Bega on the New South Wales' South Coast show great potential for small gardens. *Corymbia ficifolia* 'Dwarf Orange' and 'Dwarf Crimson' are claimed to grow to about 3 metres tall by 3 metres wide. Ideal for the smallest garden! These forms have been selected from mature trees growing in the Grampians in Victoria ('Dwarf Orange') and in Bega ('Dwarf Crimson').

The only uncertainty of grafted eucalypts is the long term viability of the graft. These plants have not really been available for long enough for this to be fully assessed. Indications are that they will produce many years of spectacular flowering and are more than likely to satisfy the expectations of most gardeners.

box)

Most specialist native plant nurseries will stock species suitable for local gardens and, if you're keen to grow a particular species, you could always try raising your own from seed. Gum trees are generally quite easily raised in this way and, in fact, growing from seed is the way most eucalypts are propagated as propagation from cuttings is extremely difficult. The only problem that can arise is that seedlings can vary in some ways from the parent plant. For example, the red flowering gum (*Corymbia ficifolia*) may produce a percentage of plants with white or pink flowers.

Whatever you do, have at least one gum tree in your garden. So what if they drop a few leaves on the lawn or in the pool. Until you've sat watching rain running down the trunk of a smooth-barked gum tree, you haven't experienced one of life's true pleasures.

# In the Garden

## Small eucalypts for your garden

The [accompanying table](#) ( next page) lists 20 or so eucalypts which are worth growing in gardens. Note, however, that not all will succeed in all districts so, in making your selection, try to choose those that grow naturally in your area (or in a similar climate). The table indicates the natural distribution of each plant. As mentioned previously, growers in humid, eastern areas should be particularly wary of the western species unless they are grafted .

## What's a eucalypt

There is some amount of controversy about the botanical naming (taxonomy) of the eucalypts.

There is general agreement that the two genera Eucalyptus and Angophora are closely related - the main difference being the lack of a bud cap (operculum) on the flowers of Angophora. There is also agreement that, within Eucalyptus there are subgroups that are more closely related to Angophora than they are to other species of Eucalyptus.

The bloodwoods form one such group and the cat was thrown among the botanical pigeons in 1995 when a paper was published which separated the bloodwoods and other closely related species from Eucalyptus and put them into a new genus, Corymbia. The debate about the botanical status of the three genera in the eucalypts has raged ever since with some authorities accepting Corymbia as valid and others not accepting it.

The situation was complicated in 2000 with the publication of another paper which combined all three genera into Eucalyptus. That paper, however, has also not received universal acceptance so the situation remains unclear.

At present, the division of the eucalypts into the three genera, Eucalyptus, Corymbia and Angophora appears to be gaining wider acceptance but it will probably take some time before one view or the other prevails.

In the meantime the average enthusiast can take comfort in the fact that they are still all "gum trees"!

*Article from Australian plants online*



Photos: Australian Plants Society (NSW), Alfred Guhl, Ron Powers, Brian Walters



## Small Gums for Small Gardens

### Angophora

<i>A.bakeri</i> (NSW)	10 x 7	Dark, rough	White	Very floriferous
<i>A.hispida</i> (NSW)	5 x 4	Flaking	White	Very floriferous; may be grown as a large shrub

### Corymbia

<i>C.ficifolia</i> (WA)	10 x 9	Rough, persistent	Pink, red, orange, white	'Red flowering gum'; very spectacular; grafted specimens available and best for obtaining specific colours. Try 'Dwarf Orange' and 'Dwarf Crimson'
<i>C.ptychocarpa</i> (Old, NT, WA)	10 x 7	Rough, persistent	Pink	Best for tropical areas
<i>C.'Summer Beauty'</i>	8 x 7	Rough, persistent	Pink	Hybrid between <i>C.ficifolia</i> and <i>C.ptychocarpa</i> ; only available grafted
<i>C.'Summer Red'</i>	8 x 7	Rough, persistent	Red	Hybrid between <i>C.ficifolia</i> and <i>C.ptychocarpa</i> ; only available grafted

### Eucalyptus

<i>E.baeuerlenii</i> (NSW)	8 x 5	Smooth/deciduous	White	Rare in nature; Good for cold climates
<i>E.caesia</i> (WA)	6 x 5	Smooth/deciduous	Pink/red	'Silver Princess' is a weeping form
<i>E.cinerea</i> (NSW/Vic)	10 x 8	Rough/persistent	White	'Argyle Apple'; juvenile leaves retained
<i>E.conferruminata</i> (WA)	4 x 4	Rough at base	Green	'Bushy Yate'; some success in eastern areas. (Note: This plant is commonly called, in error, <i>E.lehmannii</i> . The two plants are closely related but <i>E.conferruminata</i> is much more common in cultivation.
<i>E.crenulata</i> (Vic)	10 x 7	Rough/persistent	White	'Victorian Silver Gum'; attractive foliage
<i>E.curtisii</i> (Qld)	7 x 4	Smooth/deciduous	White	'Plunkett Mallee'; very floriferous
<i>E.erythrocorys</i> (WA)	8 x 5	Smooth/deciduous	Yellow	'Illyarrie'; some success in eastern areas
<i>E.forrestiana</i> (WA)	6 x 4	Rough/persistent	Yellow	'Fuchsia Gum'; Red fruits a feature
<i>E.gillii</i> (SA/NSW)	6 x 5	Rough at base	White	'Curly mallee'; retains rounded, juvenile foliage on the mature tree
<i>E.gregooniana</i> (NSW)	5 x 3	Smooth/deciduous	White	Rare in nature; Good for cold climates
<i>E.krusiana</i> (WA)	5 x 5	Smooth/deciduous	Greenish yellow	Attractive foliage and bark; best for temperate and semi arid areas
<i>E.leucoxydon</i> (NSW/Vic/SA)	8 x 7	Rough at base	Pink/red/white	Form known as 'rosea', with red or pink flowers, is the most attractive horticulturally
<i>E.macrocarpa</i> (WA)	3 x 4	Smooth/powdery	Red	'Mottlecah'; some limited success in eastern areas
<i>E.melanophloia</i> (Qld/NSW)	10 x 8	Rough/persistent	White	'Silver-leaved Ironbark'; attractive silvery/grey foliage
<i>E.nicholii</i> (Qld/NSW)	10 x 7	Rough/persistent	White	'Narrow-leaved Black Peppermint'; very popular in cultivation
<i>E.pachyphylla</i> (SA/WA/NT)	5 x 5	Smooth/deciduous	Cream to yellow	'Red-budded mallee'; best for arid and semi-arid areas
<i>E.preissiana</i> (WA)	4 x 4	Smooth/deciduous	Yellow	'Bell-fruited Mallee'; adaptable; reasonably successful in eastern states
<i>E.sclerophylla</i> (NSW)	9 x 9	Smooth/deciduous	White	'Scribbly Gum'; beautiful trunk
<i>E.scoparia</i> (Qld/NSW)	8 x 7	Smooth/deciduous	White	'Wallangarra White Gum'; beautiful weeping foliage and white trunk
<i>E.stricta</i> (NSW)	7 x 6	Smooth/deciduous	White	'Blue Mountains Mallee'
<i>E.youngiana</i> (WA/SA)	8 x 7	Rough/flaky	Red/yellow/cream	'Large fruited mallee'; suited to semi arid areas

# Recipes

## broccoli, potato and cheese frittata

- 2 medium brushed potatoes (400g), peeled, cut into 5mm slices
- 1 1/2 cups small broccoli florets and stems (100g)
- 1 tablespoons olive oil, divided
- 2 spring onions, thinly sliced
- 100g Tasty Cheddar, grated
- 10 extra-large Eggs, whisked to blend well



### Step 1

Preheat oven to 180C (160C fan-forced). Cook the potato slices in a saucepan of boiling salted water for 2 mins or until just tender. Using a slotted spoon, transfer potatoes to a bowl. Return water to the boil. Add broccoli florets and stems and cook for 1 min or until just tender. Drain.

### Step 2

Heat a 26cm ovenproof non-stick frying pan over medium-high heat. Add 2 teaspoons oil. Add half the potatoes and cook for 2 mins or until just tender and pale golden. Repeat with another 2 teaspoons oil and remaining potatoes. Stir in broccoli and spring onions.

### Step 3

Reserve 2 tablespoons cheese. In a bowl, stir 1/2 teaspoon salt, 1/4 teaspoon ground black pepper and remaining cheese into eggs. Gently stir egg mixture into vegetables in pan. Sprinkle with reserved cheese. Bake for 12-15 mins or until puffed and centre is just set. Cool slightly.

## Pickled Eggs

To pickle eggs, you preserve peeled, hard boiled eggs in a vinegar brine solution, mixed with spices.

Some people pickle them with beets, so the preserved eggs get a beautiful red colour, and others prefer to use turmeric so the beets get an orange or yellow colour. Each way yields a different flavour too!

To make the pickling brine, mix 4 cups of vinegar with your spices. You can use any spices you like. I prefer turmeric, peppercorns, and mustard seed. Heat the vinegar/spice mixture to a boil, and simmer for 5 minutes.

Cool your mixture (important to prevent the glass from breaking), and pour over the hard boiled eggs.

Allow 4 weeks in the refrigerator for your pickled eggs to absorb all the seasonings. The pickled eggs will remain preserved in your fridge for 3-4 months.

Fresh eggs are the best to use for pickling to ensure the highest quality possible since the eggs will be stored over a relatively long period of time.

# October 2019

**Mon**

**Tue**

**Wed**

**Thu**

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**Sat**

**Sun**

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7	8	9	10	11	12	13
14	15	16	17 Community Lunch Tubbut & Library Bus	18	19	20
21	22	23	24	25	26 Delegate Heritage Weekend	27
28	29	30	31 Bonang Big Arvo Library Bus			