

CRISP Nursery News

Winter 2019

17 Greenwood Ave,
Ringwood VIC 3134
Tel. (03) 9879 3911
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www.crispnursery.org.au



The CRISP Community



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SALES AREA

Wednesday 9.30am - 12.30pm
Friday 9.30am - 12.30pm
Saturday 10.00am - 1pm
(March - Nov)

CRISP WEBSITE

www.crispnursery.org.au

Check out the full colour version of
CRISP News on-line

Management Team

Nursery Management Annette O'Sullivan
Stephanie Dean

Committee
President Lloyd Smiley
Vice President Ann Adams
Secretary Judith Pinney
Treasurer Kay Cole
Member Magda Teeuwen
Natasha Sinclair
Alan Bowes

Newsletter Editor/design: Linda Hibbs
Website manager/design: Ken McInnes

Volunteers

Most of the work at CRISP is carried out by volunteers. These are people from within the community who give their time to help provide a large range of indigenous plants for the Maroondah region. If you care about your local environment and would like to help out at the nursery, join the friendly team. No experience needed. Learn the difference between our local native plants, learn to propagate and pot up the many seedlings.

Cover photo credits

All photos of nursery volunteers at CRISP taken by Ann Adams and Alan Bowes. Front Cover: Main photo - Vicki; Smaller photos L-R: Ann, Bill, Carol, Keith, Judith

A Note from the Editor

The nursery is gearing up for a well-stocked selection for Spring which is just around the corner...well...almost. The weather sometimes at the moment feels like spring. The winter orchids are in full bloom. Our nodding greenhoods are popping up in their regular patches.

This edition focuses on the CRISP community during winter as they don their woolly hats and warm coats and soldier on through freezing cold, fog, rain, hail and sunshine. Their dedication is to be commended.

What a wonderful number of contributions have come in this issue - it is wonderful to see so many people contributing. Thank you to Ann Adams and Alan Bowes for their wonderful photos that make up the front cover and the middle page spread, and Ann for many other contributions including the article about the CRISP community. Thank you also to the following; Alan Bowes for the Insurance and Code of Conduct update; Howard Elston for the Environmental Advisory Committee Update; Ann Hesket for the update on Herman Pump Reserve; Carol Clarke for her tree stump ideas (including photos); Judith Pinney for her interesting article on ecological grief and Anne McLean for her 'environmental snippets' and report on the CRISP working bee. Apologies to Bec and Natasha Sinclair for completely running out of room to include the information on Karwarra Gardens in this issue. Thank you to Stephanie for her continued support and ideas for the content and Olwyn and Lloyd Smiley for their careful proofreading before it goes to print.

The committee has agreed to a proposal I put forward to send CRISP News to the State Library. They are not only asking for magazines with ISSN numbers but also newsletters that are on-going from community groups. I think ours actually is a magazine rather than a newsletter so we can quite happily know they will now sit forever in the State Library. This will be a way of keeping CRISP history and is there for anyone in the future researching community nurseries like CRISP.

Linda Hibbs

DISCLAIMER

CRISP Nursery Inc. does not hold itself responsible for statements made or opinions expressed in CRISP News. They may not necessarily reflect the opinions of the organisation but are merely printed to share information with those who are interested in the conservation of our local flora and related environmental concerns.

Report from the nursery

Stephanie Dean and Annette O'Sullivan

CRISP Nursery is not just about producing plants but engaging the community. Since its beginnings in the mid 1990's, the nursery has always provided a space and forum for the building of a 'Community'. Indeed the 'C' at the start of CRISP stands for Community. This newsletter, with its focus on community, reminds us of all the great things about being a part of a local initiative that brings people together. Our shared common interest in local plants and the environment brings us to the nursery which then provides a venue for many other conversations and the sharing of stories.

The Sales Area provides a forum for meeting other members of the Nursery Community and many conversations are shared by residents that have 'just come in to get a few plants'. They have often ended up spending more time than they anticipated and not only taken away some plants but picked up new knowledge and connections.

At this time of year the Nursery is well stocked with a variety of plants and now is a good time to plant out. The new **Wildlife Gardens Booklet** has been a great source of inspiration for many of our members and customers when looking for ideas for creating new gardens and filling in spaces. If you haven't got a copy yet, the booklet can be picked up from the nursery. A gold coin donation to cover printing costs is appreciated.

The CRISP Community extends beyond the nursery site and we have supported and provided plants for Friends Groups as they work in their 'patch'. There have been plantings undertaken by Friends groups including Mullum Mullum Creek Bushcare Group, First Friends of Dandenong Creek, Herman Pump Reserve and Friends of Wombolano Park. There are many other smaller groups and individual residents working on areas within reserves with the

support of Maroondah Council Bushland Team. All these efforts work towards increasing our local biodiversity, providing habitat for local species and improving the amenity value of our community spaces.

Our Monday morning group continues to work in local reserves. This provides another avenue for the nursery to be visible in the community and many residents stop and talk as we undertake our various activities. Recent plantings along Old Lilydale Rd reserve and Mullum Mullum Creek, opposite Peter Vergers Reserve and at the end of Strathfield Parade, have received a great deal of positive feedback from residents. We have a few more planting outings planned over the next couple of months and welcome help at these. We send out regular emails with information about the site where these activities will take place.

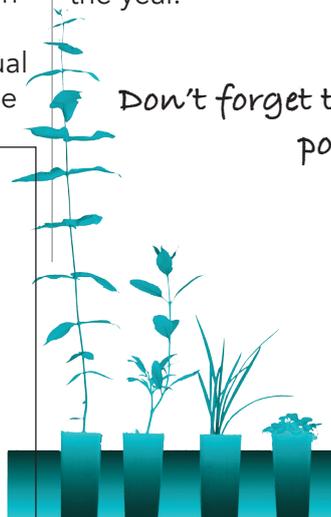
The CRISP community appreciates the ongoing support of Maroondah City Council. We are reminded of this as we see many thousands of plants propagated by the nursery volunteers picked up and planted out into our local parks and bushland reserves. We are very fortunate in Maroondah to have over 400 parks and reserves. Winter and early spring are good times to get outdoors and explore them. The Parks and Paths brochure produced by Maroondah City Council is a useful guide to these reserves.

The saying 'there is no such thing as bad weather, just inappropriate clothing' is worth keeping in mind as your garden and the local reserves are full of interest, and calling to be explored at this time of the year.

Don't forget to bring back your plant pots and tubes!

The Nursery sales area is well stocked with a good variety of tubestock and 140 mm pots. You will find a list of plants available on the Nursery website <https://www.crispnursery.org.au/species.html> (although sometimes conditions beyond our control may limit the availability of some plants).

The sales area is open on Wednesday and Friday mornings during volunteer sessions and also on Saturdays 10 am - 1 pm.



Design: Jamie Holyoak

CRISP adopts Landcare's Code of Conduct

by Alan Bowes

Code of Conduct

CRISP aims to provide a safe, respectful relationship between all people and organisations. CRISP is a Member Group of Landcare Victoria Inc., and has adopted their Code of Conduct.

CRISP aims to provide a safe and respectful relationship with all people and organisations with which it interacts. CRISP is a Member Group of Landcare Victoria Inc., and has adopted their Code of Conduct. A link to the Code of Conduct has been published on CRISP's web site: <https://www.landcarevic.org.au/groups/state/lvi/landcare-victoria-inc-code-of-conduct/>

than 600 Victorian groups working together to shape the future of our land, biodiversity and waterways. Landcare Victoria Inc. supports its members with insurance, advocacy, information and advice. It also produces a quarterly magazine. As a condition of Landcare Insurance, all regular volunteers are registered with Landcare Victoria.

Landcare is a community-based movement that began in Victoria in 1986. It now involves more

The Code of Conduct (below) has been published on the CRISP web site on the 'About Us' page.

Nursery Working Bee

A pleasing number of people turned out on what was a perfect day weatherwise to assist at the Nursery Working Bee on election day.

Many hands make light work the proverb says, and so it was. Three major tasks were tackled. The potting shed was given a thorough clean, all those cobwebs now removed and the windows sparkling. The kitchen too received a spruce up.

Outside, on the southern perimeter of the nursery, the Bushland Team had recently helped out with slashing and removing blackberries and some of the many Pittosporum. Our Working Bee volunteers scabbled further for the base of the blackberry bushes which were cut and poisoned. Bags and bags of blackberry cuttings, Drain Sedge, Ivy and Pittosporum (as well as much rubbish) were removed. The area now looks great, especially from inside the Nursery, and will be so much easier to maintain into the future.

So much was achieved in a small time frame that there was a suggestion for a further working bee later in the year. Keep an eye out for details. The hours fly by quickly when working as a team, and the morning tea was an excellent way to celebrate the achievements.

Thank you to all those who contributed to the success of the day!



Break time at the working bee

News from The Maroondah Environment Advisory Committee June 2019

by Howard Elston

The Maroondah Environment Advisory Committee (MEAC) is a collaborative partnership between Council and community representatives to inform and advise Council on environmental sustainability issues.

MEAC meets each quarter for a briefing on current and planned Council activities. An important role for members is to encourage a broad cross-section of the Maroondah community to provide feedback on sustainability activities. With this in mind, here are two items from the April meeting which may be of interest to CRISP members.

MAROONDAH 2040

The Maroondah 2040 document summarises residents' expectations for the city's future, based on extensive community consultation. The vision statement says that in 2040, Maroondah will be a vibrant and diverse city with a healthy and active community living in green leafy neighbourhoods which are connected to thriving and accessible activity centres contributing to a prosperous economy within a safe, inclusive and sustainable environment.

After 5 years working towards this vision, Council would like feedback on what's changed. This is important because the document drives Council's policies, strategies and plans for the next 20 years. Therefore, feedback about the status or direction of Maroondah 2040 is valuable input to Council's actions.

Opportunity to comment - Visit the Maroondah Your Say website and scroll down to the Maroondah 2040 check-in link.

There are three ways to provide input:

- Drop a pin - pin a spot on the map to provide your thoughts on how a place could be enhanced, an idea for change or just something you like
- Survey - express an opinion about issues affecting the community and Council priorities for the next 10 years
- Vision for 2040 - write a personal vision for Maroondah in 2040

DRAFT MAROONDAH VEGETATION STRATEGY

The vegetation strategy is a response to meeting objectives in the Housing Strategy 2016. The vision is to have people, plants and animals reaping the benefits of abundant and diverse vegetation to lead healthier lives. Council identified 6 key directions to meet the goal of having more vegetation that is healthy (and the right vegetation in the right places).

1. Protect existing tree canopy cover on private land in ways that allow Maroondah to accommodate its projected residential growth
2. Protect and improve the condition of existing tree canopy cover by increasing infiltration of water into soils, and actively monitoring and maintaining tree health
3. Increase tree canopy cover by planting enough future canopy trees to exceed the expected rate of canopy tree loss
4. Protect existing habitat from removal and from adjacent threats
5. Protect and improve the condition of existing habitat
6. Extend habitat to improve connectivity along strategic habitat corridor routes

Opportunity to comment - In July/August, the draft vegetation strategy will be released for public comment on the Maroondah Your Say website. Council is asking for residents to suggest improvements to the draft document, as well as identifying items which are acceptable as written.



Herman Pump Reserve - an update

by Ann Heskett



It has been an amazing four years! Local residents have enthusiastically participated in working bees twice a year as we work towards revegetating this beautiful space. A lot has changed in the reserve during this time..... people in the park know each other and regularly chat, dogs meet for regular 'play dates', it feels like a safe place for our kids to explore, and people want to be a part of improving the reserve. There is a toy garden which children actively seek out, Vic Rocks has a strong presence encouraging kids to explore the natural environment. There are ceramic mosaic surprises in the reserve. We have recently applied for a Leader newspaper grant to have an event in the park... 'Connecting families and community through art in the park'.

Our last planting day was well attended, with another 1000 tube stock planted this year. We're now working with the Bushland team at the council, looking forward to continuing the revegetation of the Reserve into the future. We're grateful for the guidance and support from Maroondah Council and CRISP.



Photos of fungi and Nodding Greenhood orchid taken by Katherine Masiulanis.



Reducing the Impact of Sambar deer

Over the last three years groups of our network have been working relentlessly to reduce the impact of Sambar deer on our immediate environment. Manningham City Council is supporting us financially and with advice. We have also worked with DELWP and other organisations on the draft of the Victorian Deer Management Strategy over the last 24 months. Unfortunately the final Strategy has neither been published nor adopted, yet.

As a consequence we have co-operated with www.warrandyte.tv to inform people about the impact feral deer have on the environment. We have intentionally not provided input to the discussion about ways to solve this problem as it should be an outcome of the Victorian Deer Management Strategy. Please watch this video and feel free to spread the word.

Any feedback would be appreciated.

From Artur, Landcare Facilitator, Middle Yarra Landcare Network 0415 383 328 (Provided by Margaret Barber)

Monday Morning in the Reserves

by Ann Adams

Monday Morning in the Reserves – It's time to recognise the valiant efforts of our CRISP volunteers!

With increasing higher density urban living, appreciating and helping to protect the pockets of indigenous bushland that can be found within Maroondah's bushland reserves has never been more important. These reserves and community green spaces often support diverse ecosystems and contain plants that are locally rare and significant.

Back in October 2013, a new initiative 'Monday Mornings in the Reserves' was introduced. Since then, CRISP volunteers have not only assisted in the propagation of thousands of indigenous plants, but a small and dedicated group has also been involved, in partnership with Maroondah Council, in the restoration and maintenance of some of our precious bushland reserves. Volunteer numbers vary each Monday fortnight but usually number less than ten hardy stalwarts who help clear and weed new areas for planting which may then be mulched and planted with indigenous plants.

From October 2013 to the present time, there have been 120 'outings' in the reserves listed below.

Heathmont Reserve, Cherry Tree Reserve, Harpers' Bush - Uambie, HE Parker Reserve, Taralla Creek (near Teak Ave and Rozelle Ave), Loughies Bushland, McAlpin Reserve, Cheong Wildflower Sanctuary, Mullum Mullum Creek, BJ Hubbard Reserve, Herman Pump Reserve, Warriem Reserve, Mahon Reserve North Ringwood, Old

Lilydale Road, Warranwood Reserve, Dandenong Creek (near Scott Street), Ringwood Lake and Wombolano Park.

Hundreds of bags of weeds have been removed from these precious reserves – the standard nuisance weeds together with *Pittosporum undulatum*, *Acacia longifolia*, *Cotoneaster*, small *Pinus radiata*, *Pandorea*, *Allium triquetrum* (angled onion weed), Sticky Weed, Ivy and Blackberry. All of these weeds compete unfairly with the indigenous plants of the area. It is also important to not forget the bags of rubbish, cans, bottles and plastics that are an unsightly blight on green areas and have been collected and removed by CRISP members.

Perhaps you live nearby one of these reserves or at the very least, have driven past and noticed the unspoilt nature of their vegetation? This beauty is due in no small part to the efforts of CRISP volunteers and community groups or 'Friends' who work hard to maintain the natural beauty of the particular reserve.

And always of course, many thousands of indigenous plants, ground covers, grasses and wild flowers, shrubs and trees that were originally propagated at CRISP have been planted over this six-year period. This has helped to enhance the natural beauty of the reserves and helped to support a healthy ecosystem that has a well-balanced and thriving relationship of insects, birds, marsupials and mammals.



Mulching and preparing the site for planting CRISP's indigenous plants along the Mullum Mullum Creek

CRISP grows plants and a strong sense of Community too!

by Ann Adams

If you are reading this article, there is a strong chance you are one of the 210 CRISP members, or you have an affiliation of some sort with CRISP. I challenge you! Can you give the meaning of the acronym 'CRISP' without looking it up?! It stands for Community of Ringwood Indigenous Species Plant nursery.

The nursery was established by volunteers as a not-for-profit community group in 1993. Local native plants are grown for use in large and small revegetation projects, as well as in home gardens. CRISP wants everyone to recognise the importance of these indigenous plants in sustaining the biodiversity of Maroondah's remaining bushland which is under pressure from expanding urbanisation.

The CRISP community works hard to achieve its objectives. This year, 46 volunteers successfully propagated thousands of plants thus effectively helping to preserve Maroondah's unique biodiversity. CRISP has a committee of management, two co-managers and a community of volunteers who are involved in all aspects of the nursery, including the following:

- Propagating and maintaining seedlings and plants
- Assisting with the sale of plants
- Preparing large orders of plants
- Helping collect and clean seeds at monthly 'Seed Nights'
- Caring for bushland immediately surrounding CRISP in Greenwood Avenue, Ringwood
- Helping to promote the nursery in the local community
- Helping rejuvenate local bushland and reserves via 'Monday Mornings in the Reserves.'



Lloyd Smiley and Bill Herman at Monday Morning in the Reserves planting at Tarralla Creek Reserve



Annette assisting visitors at Saturday morning sales

Co-managers Annette O'Sullivan and Stephanie Dean devote many hours to the administrative tasks involved in propagating and selling many thousands of indigenous plants. Fulfilling their goal of disseminating knowledge about the beauty and importance of our indigenous plants, they work closely with Linda Hibbs (editor of CRISP Nursery News) to produce the quality magazine you are now reading.

With their extensive knowledge of indigenous plants, they direct the volunteers each Wednesday and Friday in their tasks of propagation and plant maintenance. Indeed, from January to the end of June of this year, Wednesday and Friday morning volunteers have in total volunteered 573 shifts. Volunteers are free to sign in and off at times that best suits them. However, if each volunteer works a shift of three hours, then a staggering 1,719 hours have been devoted to the propagation and distribution of CRISP plants. Volunteers also work on a Saturday morning assisting in the sale of plants to the public.

CRISP grows indigenous plants but also importantly, it fosters a wonderful and unique sense of community within its volunteering community.



Lloyd promotes CRISP at the Bedford Park Mini Sustainability Festival in Ringwood

Health and Safety Reminder

Please consider your health and wellbeing when selecting which activities to join in. Many activities around the nursery involve lifting, bending or standing for long periods. Some activities can be adjusted where required and CRISP management are keen to discuss any ideas you may have to reduce any potential Health and Safety issues that you identify.

Morning tea is announced by the loud banging of a cow bell. In good weather, volunteers gather outside at the picnic tables to have that well deserved break, but in less clement weather they crowd inside into the tea room to enjoy each other's company with much talk. Keeping warm in winter months is a challenge and volunteers recognise the importance of a good hat. In fact, hats too can be a great source of conversation as well as football!



Morning tea in fine weather is under the big tree with lots of friendly chatter



Conversation flows with laughter and friendly banter. Lasting friendships are formed and occasional significant birthdays are celebrated. Pictured is John celebrating his 90th birthday in the tea room



Volunteers are welcomed and valued at CRISP. Perhaps you too would like to be a volunteer in the CRISP community, learning new skills and helping to grow the native plants that are so important in maintaining and improving the biodiversity of the Maroondah area?



Rick has the vital job of cleaning the pots and tubes.



Pam repotting some Lomandras



Keith helps prepare plants for an order



Left: Terry checks for any weeds in the outgoing orders



Carol helping keep the weeds down

Natasha, Margaret and Louise transferring cuttings and seedlings to tubes



Annette with other CRISP members at Uambi Open Day

The CRISP C in Winte



Bec



Pam



Stephanie



Peter



Linda working on CRISP Nursery News



Ann



Carol



Rick cleaning the pots



Steve



Alan



Lloyd



Natasha



Left: Craig and Linda weeding at the front of the nursery



Natasha, Margaret and Louise potting up seedlings



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Community er 2019



Annette



John's 90th
birthday
celebrations



Allan



Bill



Judith



Sandy



Ian



Kay



Vicki



Terry



Left: Morning tea in
the tearoom

Below left: Potting up; Gwenda, Pauline,
Janet and Jane

Photos by Ann Adams
And Alan Bowes



Keith



Seed cleaning
evening;
Margaret, Dave,
Magda, Annette
Fiona

The dead tree detective

Contributed by Anne McLean

Source : The Conversation (30 March 2019)

The Dead Tree Detective is an Australia-wide Citizen Science project.

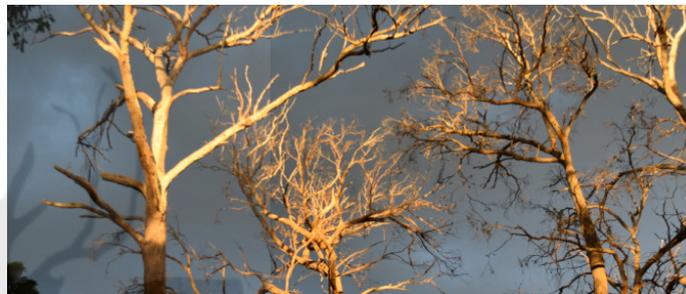
The aim is to collect observations of dead or dying trees around Australia. It sounds a bit grim, but knowing where and when trees have died will help the project to work out what the cause is, identify trees that are vulnerable, and take steps to protect them.

This project will allow people to report observations of tree death. In the past, there have been many occurrences of large-scale tree death that were initially identified by concerned members of the public such as farmers, bushwalkers, bird watchers or landholders. Collecting these observations is an important way to monitor the health of trees and ecosystems.

The current drought across south-eastern Australia has been so severe that native trees have begun to perish. These records will be valuable for scientists trying to understand and predict how native forests and woodlands are vulnerable to climate extremes.

It can be depressing to see trees die – but recording their deaths for science helps to ensure they won't have died in vain.

Editor's Note: This project was originally registered in and is contributing data to the Atlas of Living Australia. The project is on-going and is run in association with Western Sydney University and University of New England. The above link will take you to the project to record your sightings.



Get Involved!

It's easy! If you notice a dead or dying tree in your area, take a photograph, record the GPS and date, then upload using the biocollect link given below. Go to the 'Surveys' section and choose 'Add a record'. You can then upload the photos and answer a few questions to help identify the possible causes. Information about possible causes is in the 'Resource' section on the site.

Equipment

Smartphone with camera and GPS

If you like, revisit the location in following months to document whether trees recover or not. To see what other records there are in your area, go to the 'Data' section. See the 'Blog' for details of any new major tree death events that we have become aware of. Not internet-savvy? You can also email deadtreedetective@westernsydney.edu.au and we can email back a survey form.

Contact name

Belinda Medlyn

Contact Email

deadtreedetective@westernsydney.edu.au ;

b.medlyn@westernsydney.edu.au

The Dead Tree Project

<https://biocollect.ala.org.au/acsa/project/index/77285a13-e231-49e8-b212-660c66c74bac>

Membership

Memberships fees are: \$10 individuals \$15 family or \$20 for groups. (if you joined between March and June 2019, your membership will remain current until July 2020). Many thanks to those who have already renewed, your ongoing support of the nursery is greatly appreciated.

*Don't forget:
Membership
due!*

Due end of June

Ways to pay:

- Pay your renewal next time you visit the nursery
- Renew online by direct deposit
BSB 033 044, Acct 149422.

(Ensure you put your name in the details section and send an email to the nursery so we can update your membership) or

- Post your renewal to:
CRISP Nursery, PO Box 706, Heathmont, VIC 3135

Tree stumps and what to do with them

by Carol Clarke

Occasionally trees need felling for various reasons. Most residents – hopefully all of them, know permission needs to be obtained before felling except where certain criteria apply to the tree in question. Any queries about these criteria need checking with Council.

Residents may wish to fully remove the stump after felling because it is in the way or simply because it looks ugly. Below are a few ideas for the possible uses of stumps. All it takes is a little imagination and a little effort. The tree feller obviously needs to be consulted about leaving the stump at your chosen height.

Another idea, not shown here, is the adaptation of stumps for holding hoses.

It was interesting to see a tree feller's face when he called on me shortly before Easter looking for work. He wanted to cut my dead, well trimmed Blue Gum down for me. He was amazed when I refused stying it was deliberately left at that height .. for the bats and the birds!

Good luck with your future ideas – perhaps Maroondah could become a city full of examples of the uses of tree stumps....

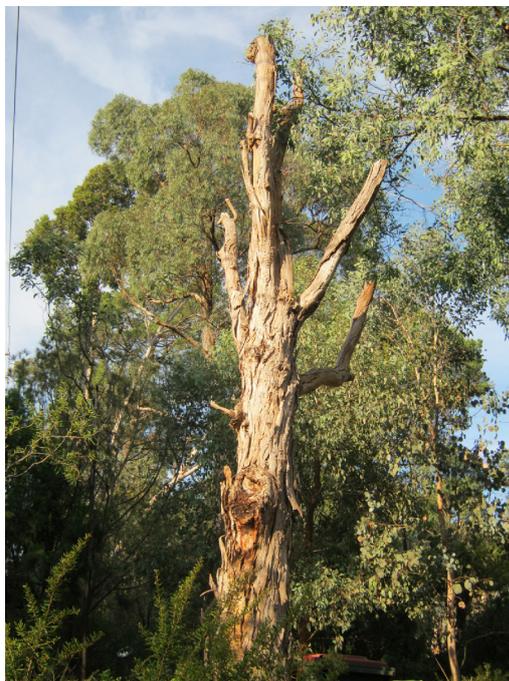


Above: A Fairy Tree. Not visible is a roof and a chimney on the rear of the house. It is amazing that this imaginative creation has remained undamaged on public land for about 3 years now in North Ringwood.

Below: A wattle becomes a stand for a popular bird bath



Below: Blue Gum left for the bats and the birds.



Ecological Grief...

by Judith Pinney

Recent research shows that we are increasingly feeling the environmental changes on our planet that we see around us as a kind of 'grief': 'The grief felt in relation to experienced or anticipated ecological losses, including the loss of species, ecosystems, and meaningful landscapes due to acute or chronic environmental change.'¹

One of the first people to describe ecological grief was US environmentalist Aldo Leopold in *A Sand County Almanac* published in 1949. He observed that 'One of the penalties of an ecological education is to live alone in a world of wounds.'

Climate change, the impact of humans on the natural environment, and the fragile ecological system are now being linked to feelings of anger, hopelessness, distress and despair. The sadness comes from seeing native forests and bushland felled and cleared to make way for human advancement, or significant trees that have witnessed the passage of time made into woodchips. We see birds and animals left without their nesting sites, breeding hollows, food sources and protection in what was their local habitat. We watch as they struggle to re-establish into another local area. Many species are territorial and not keen on sharing with the newcomers. Fires may destroy environments but they also cause regeneration and restoration in the local area. A housing estate is not going to do that. When houses are built on a large scale, the wildlife either has to move or is left stranded in pockets of bushland with their food sources severely reduced.

We witness the plastics and other pollutants floating in the rivers causing local habitat to leave the affected waterways if they can, or die off and possibly become extinct. The recent mass deaths of Murray Cod in the Darling River highlighted what can happen due to polluted waterways.

Ecological grief reminds us that it takes more than interaction with other humans, our communities or cultures to maintain our mental wellness and for us to thrive in an otherwise human-dominated world.

The research by Ashlee Cunslo and Neville Ellis conducted in Canada and Australia, found that there were approximately three areas in which ecological grief could be found.

'In a synthesis of our own research, the available literature, reports and the media, we highlight three climate-related contexts in which ecological grief has been reported: grief associated with physical eco-logical losses (land, ecosystems and species), grief associated with disruptions to environmental knowledge and loss of identity, and grief associated with anticipated future ecological losses'²

They end their research report with a summary that gives only some guidance to how this grief might be acknowledged and individuals and groups given support.

'Given that we are living in a time of extraordinary ecological loss, and that these losses will not end any time soon, we anticipate, along with a small but growing number of scholars, that ecological grief will become an increasingly common human response to the losses encountered in the Anthropocene. To bear witness to ecological losses personally, or to the suffering encountered by others as they bear their own losses, is to be reminded that climate change is not just an abstract scientific concept. Rather, it is the source of much hitherto unacknowledged emotional and psychological pain, particularly for people who remain deeply connected to, and observant of, the natural world. And while there are still many questions surrounding the concept of ecological grief, we contend that it is a powerful and useful concept, which allows people to articulate for themselves how this period of extraordinary ecological decline is affecting themselves and their communities.'³

See also:

'The Conversation'

<https://theconversation.com/hope-and-mourning-in-the-anthropocene-understanding-ecological-grief-88630>

1 Cunslo, Ashlee and Ellis, Neville R 'Ecological grief as a mental health response to climate change-related loss' in *Nature Climate Change* VOL 8 | APRIL 2018 | 275-281 | <https://tinyurl.com/y7h6zwpq>

2 Cunslo + Ellis p.276

3 Cunslo + Ellis p.279

and how we can help

by Judith Pinney

How we can help in our local area

Once we are able to put into perspective what matters in our lives and the environment we live in, we can work on ways we can do our best to help look after the local ecosystem.

Working individually to try and rectify ecological damage in our environment is a good start but to take action with various local friends groups and other associated ecological groups we can feel empowered to work on a larger scale and to forge a healthier environment for ourselves and the local biodiversity.

With the power of group participation the waterways can be brought back to a healthy state through mass removal of weeds, pollutants and rubbish. This will provide a healthier environment that will eventually induce the original habitants such as frogs, native crayfish, rakali (a native rat known as Australia's otter) and playtpus to return, along with many other species.

The same will happen in the local reserves with revegetation of local indigenous plant species after the invasive weeds have been removed. Echidnas, brush tailed Phascogales (now listed as threatened), black wallabies, birds and various invertebrates will gradually return seeking protection food and water.



Members of CRISP nursery and friends taking a morning break during a tree planting session.

local area. A group of like-minded people has the power to influence local councils and authorities on environmental issues. Encouraging the younger generation to learn and value what the bush has to offer is uplifting and reassuring that they may live in and take care of a healthy ecosystem in the future. Instead of feeling despair and powerless as an individual to make much difference, there's the opportunity to lift your spirit, to find hope and belief that as an individual, your participation does matter. It will help the future to be a much better place for generations to enjoy and minimize the grief of what we see and hear in the media about the climate-related ecological losses and the impact of humans on the environment.

Local Environment/Friends Groups listed at the back of the CRISP magazine.



CRISP plants in Bedford Park Reserve will help bring back the local wildlife



Bill and Ian discussing plants at Tarralla Creek Reserve

Being part of a group gives a sense of comradeship as you work together making a difference to take a stand against the loss of the biodiversity of a



Environmental snippets

by Anne McLean

Urban Greening

One of the latest efforts to improve the vegetation cover across metropolitan Melbourne, and to help stem the effects of increased urban density and climate change, is a collaborative approach between the 32 councils in metropolitan Melbourne. The new strategy – Living Melbourne: our metropolitan urban forest – was launched on World Environment Day by Resilient Melbourne and The Nature Conservancy. The document maps the vegetation across public and private land in the metropolitan area and is paving the way for a pooled effort to improve biodiversity across different parts of the city. <https://resilientmelbourne.com.au/living-melbourne/>

Have your voice heard

An Opportunity to have Your Voice Heard in Australia's First Dedicated Newspaper Column on Climate Change

The Monash Climate Change Communication Research Hub has a new collaboration with Leader Local Newspapers, and would like you to share your experiences of climate change.

Changing Climates will be the first dedicated climate column in Australian newspapers. It will bring the climate discussion back into the community by publishing your opinions alongside established climate science.

If you live in Melbourne and would like to share your experience in your local Leader newspaper, complete this quick 5-minute survey. The answers will not be used for research purposes. Follow this link <https://www.monash.edu/mcccrh/projects/changing-climates> for further information.

Ten Reasons to Plant More Trees



10 reasons to plant more trees is an initiative that's part of the Whitehorse City Council's Tree Education Program. The aim is to raise awareness of the benefits of trees in an urban environment.

- Trees increase property value
- Trees can reduce power bills and save energy
- Trees strengthen our sense of place
- Trees increase biodiversity
- Trees lower air temperatures in summer
- Trees help to reduce flooding/improve water quality
- Trees reduce noise pollution
- Trees improve air quality
- Trees protect us from climate change
- Trees improve health and wellbeing

To view more details about each reason, view the video and read about this great initiative:

www.whitehorse.vic.gov.au/Ten-Reasons-to-Plant-More-Trees.html



National Tree Day, was co-founded in 1996 by Planet Ark and Olivia Newton-John. It has now grown into Australia's largest community tree planting and nature-protection event. Planet Ark is asking Australians to help plant one million new native trees and shrubs across the country.

National Tree Day is a call to action for all Australians to put their hands in the earth and give back to their community. Each year, about 300,000 people volunteer their time to engage in environmental activities that educate individuals about the world around them. It's a day to venture outdoors and get to know your community, and most importantly, to have fun!

When is National Tree Day?

The dates for 2019 are:
Schools Tree Day Friday 26th July 2019 and
National Tree Day Sunday 28th July 2019

First Friends of Dandenong Creek is organising a planting event at Heatherdale Creek (near Dandenong Creek) as part of National Tree Day. Details are shown below and are also in the link. Bring gloves and wear suitable shoes and clothing.

Sunday, 28 July 2019 11:00am to 1:30pm

Meet at Abbey Walk, Vermont, VIC 3133 (opposite Calbara Dve)

More information: <https://treeday.planetark.org/site/10021317>

Warning: Weed killer glyphosate (Roundup)

compiled by Linda Hibbs

You may have read about glyphosate in the news recently and how this is now recognised as being linked to certain forms of cancer. This chemical is found in common weed killers such as Roundup, often used by councils and individuals to kill weeds. A recent successful case against the company in the US has led to claims from Australians who themselves have developed leukemia or cancer after using Roundup over many years. An article was printed in a previous issue of CRISP News with a warning from scientists and environmentalists regarding use of this chemical. Here are a couple of recent articles from The Age.

THE AGE

June 2 2019

The Victorian government is reviewing the use of the weed killer glyphosate following three landmark US court rulings against the maker of Roundup over cancer cases. The review is the first by an Australian state or territory government in the wake of the verdicts.

Lawyers in Australia are considering a class action lawsuit over Roundup, a popular weedkiller, following verdicts in the US. Last month a court awarded a record \$US2 billion (\$2.9 billion) to a Californian couple after a jury agreed Roundup caused their non-Hodgkin's lymphoma.

The verdict sparked concern on home soil, especially among councils who are heavy users of the weed killer in parks, playgrounds and on roadsides.

Victoria's move comes as at least two Australian law firms are investigating legal action on behalf of people suffering from cancers allegedly linked to exposure to Roundup, in a move that threatens to open the floodgates to millions of dollars worth of claims here against the manufacturer of the popular weedkiller.

A spokesman for the Andrews government told The Sunday Age it had launched a review of the chemical glyphosate, the key ingredient in Roundup at the centre of the controversy.

"Based on recent developments in the United States, Victoria's Department of Environment, Land, Water and Planning is reviewing the use of glyphosates, including Roundup, across its public land management functions as a matter of precaution," the spokesman said.

The Victorian review, expected to last six weeks, will examine how the chemicals are being stored and handled, and whether risks "are being controlled so far as reasonably practicable".

Some Victorian councils have reviewed their use of Roundup, but most continue to use the chemical, arguing they are following the advice of the national regulator.

THE AGE

June 3 2019

A Victorian council has banned the use of popular weedkiller Roundup following an internal review, groundbreaking United States court results, and as a Melbourne man prepares to launch Australia's first legal case against manufacturer Monsanto.

Moyne Shire, which has a head office in Port Fairy in the state's south-west, began a review into its use of herbicides last year after a Californian jury agreed with gardener DeWayne Johnson that his use of Roundup contributed to his terminal cancer.

Legal action has been launched in Australia over claims popular weedkiller Roundup causes cancer. Legal action has been launched in Australia over claims popular weedkiller Roundup causes cancer. There have now been several successful claims in the US, resulting in court-ordered payouts into the billions of dollars.

Moyne Shire's review led it to cut Roundup and nine other herbicides from its maintenance stores so that it now stocked only three products.

Former gardener Michael Ogalirolo has leukemia which he attributes to exposure to pesticide Roundup over more than 20 years.

A statement from chief executive Bill Millard said its remaining herbicides still contained glyphosate, the active ingredient in Roundup, "however each product (had) been chosen for specific applications and to minimise effects on waterways and the environment". Mr Millard said the council had also improved staff training, chemical storage and the purchasing process of agricultural chemicals. He did not reveal any specific findings to come out of the review.

Moyne's neighbouring local government area, Warrnambool City Council, suspended its use of Roundup in September last year but resumed its use in October. Nearby Corangamite Shire is believed to still be reviewing its use of Roundup, but does not use products with glyphosate in urban areas.

The council's actions come as 54-year-old Melbourne gardener Michael Ogalirolo prepares to take pharmaceutical giant Monsanto to the Supreme Court over claims it ignored the alleged carcinogenic impacts of its top-selling weedkiller. Former gardener Michael Ogalirolo has leukemia which he attributes to exposure to pesticide Roundup over more than 20 years. Mr Ogalirolo was diagnosed with non-Hodgkin lymphoma in 2011, which he said was linked to his use of Roundup about three times a week over 18 years in his work as a gardener...

Tony Carbone, managing partner of Carbone Lawyers, which is representing Mr Ogalirolo, said anyone using Roundup on a regular basis could be affected.

Note: Bunnings, Coles and Woolworths have said that they will continue to sell and promote Roundup in their stores as the company has claimed that this product has been used for over 40 years and is safe.

LOCAL ENVIRONMENT/FRIENDS GROUPS

Many local residents are working to improve the habitat and connectivity of our reserves. If you are interested in getting involved, either join with one of the existing groups (see below) or start your own in your local reserve. If you are interested in starting work in your local reserve contact the Bushland Team at Maroondah City Council (9294 5677) to discuss how your effort and enthusiasm can be best directed.

The Maroondah City Council website provides further detail about many of the reserves and walks in Maroondah <http://www.maroondah.vic.gov.au/Explore/Parks-and-playgrounds/>

Andersons Creek Landcare

<https://www.parkconnect.vic.gov.au/Volunteer/group-details-public/?id=b541f9cc-e644-e711-8147-e0071b668681>

Contact: andersonscreeklandcare@hotmail.com

BJ Hubbard Reserve

Contact: Maroondah City Council Bushland Team
phone: 9294 5677

Bungalook Conservation Reserve

Working bees held 2nd Saturday of the month from 9.30 am

Contact: Graeme 0403 229 862

Croydon Conservation Society

<http://www.croydonconservation.org.au/>

Contact: Liz 9879 2247

First Friends of Dandenong Creek

<https://www.ffdc.org.au/>

Contact: Charlie 0417 125 677
ffdc1999@gmail.com

FJC Rogers Reserve

Contact Don Dower: 97362309

idontlikescrambledeggs@gmail.com

Working day is 1st Wednesday in month from 12:00 to about 2pm. Bring your lunch and chair.

Friends of Candlebark Walk

Working bees held every second month

Contact: Marlene 9723 0656

Friends of Herman Pump Reserve

Contact: Ann 0402 628 054

Friends of Wombolano

Working bees held 3rd Sunday of the month

Contact: Andy 0414 999 491 or
Merrilyn 0410 073 514

Friends of Yanggai Barring

Contact: Pat 9723 0036

Heathmont Bushcare

<https://heathmontbushcare.com/>

Working bees held 1st Sunday of the month

Contact: Roger 9876 6762
rogsuelord@bigpond.com

Loughies Bushland

Contact: Maroondah City Council Bushland Team
phone: 9294 5677

Maroondah Bushlinks

Contact: Margaret 9876 3094
marbushoz@hotmail.com

Mullum Mullum Bushcare Group

www.facebook.com/pages/category/Community/Mullum-Mullum-Creek-Bushcare-Group-393340894351096/

Community/Mullum-Mullum-Creek-Bushcare-Group-393340894351096/

Contact: Bill 0418 366 780 or 9870 9743

Ringwood Field Naturalists Club

<http://www.rfnc.org.au/>

Contact: info@rfnc.org.au

Warranwood Reserve

<http://warranwoodreserve.org/>

Contact: Margaret 9876 3094
warranwoodres@hotmail.com

Warrien Reserve

<http://warrien.org/>

Contact: David 9725 3163
friends@warrien.org

Wieland Reserve

Contact: John cullfamily@gmail.com

What's on

Wednesday 7th August 2019, 7.30-9.00pm

Seminar (Free event):

How the Yarra and Latrobe Rivers Find the Sea

Most streams in Victoria flow north or south. The Yarra and La Trobe rivers do it differently and go west and east respectively. This seminar will examine what factors determine the selection and maintenance of the course of these rivers and how and why they change over different time scales. Presented by Dr. Neville Rosengren.

Seminar Venue: River View Room, The Grand Hotel, Warrandyte, 110 Yarra Street
Enquiries: 9840 9789

Thursday 8th August

Field Trip: *Explore geological structures of the lower Yarra River*

Join Dr. Neville Rosengren for this extended field trip to explore the geological structures of the bedrock crossed by the lower Yarra River. This bus trip will visit some of the geological, structural and landform elements that the Yarra has traversed through time. BYO picnic lunch.

Location: The meeting point for this field trip will be provided when you attend the How the Yarra and La Trobe rivers find the sea seminar.

Booking: Bookings are essential as places are limited. Please email csadmin@manningham.vic.gov.au or phone 9840 9789 to ensure your spot.

Wednesday 4th September 2019 7.30-9.00pm

Seminar: *Ecological costs and benefits of stormwater wetlands*

Seminar Venue: River View Room, The Grand Hotel, Warrandyte, 110 Yarra Street
Enquiries: 9840 9789

Wetlands are increasingly being constructed around many cities to mitigate the effects of urban stormwater, especially reduced water quality. While the primary purpose of these wetlands is to manage stormwater, they also attract animals whose growth, survival and breeding may be compromised. Alternatively, some wetlands may be important habitats for animals. Ecologist Dr. Rob Hale will present the results of a four year investigation into how urban stormwater treatment wetlands perform as habitats for aquatic animals and highlight how the knowledge generated through this work can help inform future wetland management. Presented by Dr. Rob Hale

For all meetings please arrive by 7.20 for a 7.30 start. Enquiries: 9840 9789

Dates for your diary

February 17-April 17 2020

An exhibition highlighting banksia and unique Australian flora Maroonah Federation Estate Gallery, Ringwood.
Australian Plants society Victoria
More details in Summer issue of CRISP News

Direct deposit to renew membership

Can't get to the nursery to pay cash?
Don't have a cheque book? We are making it easier for you to renew by direct deposit.

BSB 033 044

Account No: 149422

Ensure you put your name in the details section so we can update your membership

Sending an email to the nursery when you make the deposit will ensure that your membership information is updated correctly.



Application for Membership

MEMBERSHIP SINGLE -\$10 per annum FAMILY- \$15 per annum GROUP -\$20 per annum
(Please circle)

Name: _____

Address: _____

Contact: Tel: _____ Email: _____



PLEASE TICK ✓

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The Treasurer
CRISP Nursery Inc.
PO Box 706
Heathmont, VIC 3135





CRISP

Nursery News

Winter 2019

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What to do with tree stumps. See article by Carol Clarke on page 13. Photos Carol Clarke

Winter 2019

Contents

• Report from the Nursery	Stephanie and Annette	3
• CRISP Code of Conduct/CRISP working bee	Alan Bowes/Anne McLean	4
• News from Maroondah Environment Advisory Committee	Howard Elston	5
• Herman Pump Reserve update	Ann Heskett	6
• Monday Morning in the Reserves	Ann Adams	7
• CRISP grows plants and a strong sense of community	Ann Adams	8-9
• The CRISP Community (Photos by Ann Adams and Alan Bowes)		10-11
• The dead tree detective project	Anne McLean	12
• Tree stumps and what to do with them	Carol Clarke	13
• Ecological grief and how we can help	Judith Pinney	14-15
• Environmental snippets	Anne McLean	16
• Warning: Weedkiller glyphosate (Roundup)	Linda Hibbs	17
• Local Environment/Bushcare groups		18
• Whats on/Membership		19