

# Jetsam

COOLUM & NORTH SHORE COAST CARE

## From The President

### Leigh Warneminde

*Firstly, let me thank you all for your hard work and continuing support for all things 'Coast Care' over the last 12 months.*

*I am continually amazed at the level of achievement our volunteers collectively attain. I am also constantly humbled and very proud to be the spokesperson of our wonderful (dis)organisation.*

*We achieve above and beyond expectation.*

*I hope you, your family and friends have a safe and happy festive season and recharge your batteries as 2018 rolls around.*

*Leigh Warneminde*

*Leigh Warneminde  
(from under a tree in the shade...)*

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# 2018 Turtle Season Has Started

## Luke Kaploon

Hello members, the turtle season is underway with the first nest laid on November 13, which was a loggerhead nest. It was the first this year on the Sunshine Coast. The turtle conservation volunteers who initially raced out to the nest site on the morning after she had laid, had some trouble locating the eggs but a revisit to the site by CaNSCC's finest turtle detectives Sherida and Ben revealed the clutch of eggs.

Our second nest was a green turtle and yet again the team have had trouble locating the clutch of eggs. They will be revisiting the site once the rain subsides, as the first two visits have been unsuccessful in locating the clutch. On the morning after she laid when volunteers visited this site it bucketed down and on a second visit it rained again. It can be difficult working in the rain as you would expect. It is a most peculiar nest site with a total of four body pits, one of which was larger than the others and we are hoping the clutch of eggs is in there.

CaNSCC turtle conservation team also gave presentations in October and November on turtle conservation in preparation for the turtle season and a number of volunteers have contributed, including Sherida, Susan, Estelle, Edwin, Safi and Luke. They have been spreading the message of conservation through education at a number of presentations along the coast. A few of the presentations which have taken place include Peregian Kindy, Montessori College, Pacific Paradise State School, Mountain Creek State School, the Lend Lease Community Day and North Arm State School.

Members have also been active in the field in marine debris collection and presentations relating to marine debris.

Sherida and Leigh also met with Kate Hofmeister, Conservation Officer (Wildlife Management/TurtleCare), Environmental Operations, Infrastructure Services, Sunshine Coast Council, to discuss the airport expansion and the pipeline for dredging sand for the infill at the airport.

The pipeline will cross the beach at the northern end of the current airport runway. Any turtle nests located within a certain distance of the pipeline will need to be relocated due to construction and the light pollution from safety lighting around the pipeline. We all know turtles dig dark beaches! Not only do nesting turtles dig the dark but hatchlings require dark beaches to navigate from the nest to the sea. Where there are artificial light sources present they will head straight for them and circle endlessly. Even more reason to lodge a submission to council expressing your opposition to the light polluting high density/high rise Yaroomba Beach development. Check the CaNSCC website for information on lodging a submission.

*Images: Sherida starts the new turtle season, Luke at Mon Repos with a loggerhead.*







# World Fisheries Day

## Genevieve Jones

An army of helping hands met recently at Maroochy North Shore and Twin Waters West along the Maroochy Estuary for World Fisheries Day, raising awareness about the impacts of discarded rubbish and invasive weeds on our local fisheries and coastline. Kabi Kabi Traditional Owners from Bunya Bunya Country Aboriginal Corporation, Lendlease Foundation volunteers with Coolum & North Shore Coast Care (CaNSCC), undertook hand weeding and rubbish pick up following a marine turtle talk.

Urbanisation and population growth has led to fragmentation and reduction of crucial fish habitat areas including our local mangrove and saltmarsh communities. Degradation of marine wetlands is also exacerbated by the impacts of rubbish and weed invasion by introduced exotics, usually beginning with garden escapees. Participant and Traditional Owner, Kerry Jones said, "It is encouraging to be involved with organisations like the Lendlease Foundation and CaNSCC, each having their own Reconciliation Action Plans and working hands-on with Kabi Kabi to help our waterways and beaches".

On World Fisheries Day this working bee has made a difference with volunteers collecting around 30 large bags of the very invasive weed, Asparagus fern, together with six bags of unnecessary rubbish. Volunteer projects like this assist the invaluable ongoing activities of the Maroochy River Mangrove Nursery, supported by Queensland Government, Healthy Land & Water, MangroveWatch and Saltmarsh for Life. Corporate involvement in community days together with monitoring of mangrove and saltmarsh areas, can help raise awareness about the sensitive, yet economically significant, local fisheries habitat.

A big thank you to the Lendlease Foundation volunteers, having around 30 people attend the day.

It is especially appreciated that Erica Stieger undertook much of the organising, helping to provide a BBQ lunch and refreshments, and donating six field compasses to the turtle care volunteers of CaNSCC, along with several boxes of hand weeding tools, herbicide and shirts to Bunya Bunya Country Aboriginal Corporation. Colin Verrall of CaNSCC did a great job of assisting the group with methods in weed removal.

*Image: Lendlease Volunteers*



*Jetsam is generously supported by  
the Sunshine Coast Council.*





# Keeping the Beaches Clean

## Chad Buxton

I read an article in The Guardian recently about scientists finding plastic ingested by sea creatures at the very bottom of our oceans, over 6 km deep. I was shocked! Research now shows that marine *'plastics pollution is so pervasive that nowhere – no matter how remote – is immune'*. While word has recently been getting out to the wider community that plastics pollution is an issue developing on par with global warming, some of our CaNSCC members have been involved in this space for a long time. Susan Richards and Sherida Holford started conducting marine debris surveys and cleanups over four years ago for CaNSCC, recognising the need to help acquire data for this emerging and significant problem which impacts on turtles, birds and other marine creatures.

While these regular and ongoing marine debris surveys continue to provide invaluable data to researchers, CaNSCC have also been busy over the last few months conducting and assisting in multiple beach cleanup efforts, adding to the Tangaroa Blue Australian National marine debris database. CaNSCC ran a successful beach cleanup at Stumers Creek following the Horizon Festival Dawn Awakening ceremony, and supported two youth leaders Liam and Jye in their cleanup efforts. Liam and Jye also participated as group leaders in the 'Turtle's are Coming' beach cleanup with Envirocom and Unitywater, supported by Coolum State High, and ran a beach clean up at Coolum Beach north from Tickle Park.

Although the beaches looked clean from afar, once we got going, I think everyone was astonished by how much we actually found. Particularly bad in the last months has been the microplastics washing up to the high tide lines, formed by bottles, containers and other plastics breaking up in the oceans over time. Every piece picked up now is one less on our beaches or in the belly of a bird or turtle.







A big thank you goes out to Louise Dever, Sam Hay, Lyn Graham, Melissa Goodman, Sherida, Estelle, Sandie, Mandy and everyone who has helped support these efforts. The beaches are looking great.  
*Images: Various Beach Cleanup Groups Including Liam's at Peregian Beach*

# Coltan Coal Mine

## Diane Goodwillie

The impact of the Colton Coal Mine on Fraser Island's doorstep was the focus for a November Community Action Day in Noosaville. Coolum and North Shore Coast Care (CaNSCC) shared a stall with the Noosa Parks Association. Julie, Linese, Kellie, John, Colin and booth organiser Diane sold CaNSCC calendars, reusable drink bottles and generally informed the community of CaNSCC's widespread work with turtles, bush regeneration, the nursery and environment education. The children particularly loved 'Joan' the life-size loggerhead turtle and blowing bubbles so that they'd think about: 'bubbles not balloons'. It was a great day of music, information and protest. Thanks to all who volunteered and dropped by to say 'hello'. *Image: The Colton Coal Mine event and CaNSCC stall & members.*



# Herbicide Use Workshop

## Jan Crossland

In late November a select few members of Coolum and North Shore Coast Care (CaNSCC) and Coolum Community Native Nursery (CCNN) attended a workshop in Woombye, organised by the Community Nature Conservation Section of Sunshine Coast Council (SCC), and presented by Alan Wynn. The intention – to learn about herbicides; how they work, what herbicide to use on what species and the best application techniques.

Alan introduced participants to "Suburban and Environmental Weeds of South-East Queensland" by Sheldon Navie, a key to weed identification and treatment that is available in three forms – a DVD, an App and a web-based online tool.

Also available at the workshop were copies of "South-East Queensland Ecological Restoration Framework", including a Code of Practice, a Guideline and a Manual, aimed more at contractors but with a useful list at the back of weeds, methods of control and herbicide use.

SCC has also put together 'WEEDeck', a pack of postcard-sized laminated cards with colour photos and descriptions of many common coastal weeds (there's also a hinterland version).

Nadia and Ash are planning to provide a copy of each of these useful items to each group coordinator, as well as a very useful extra information sheet which summarises and illustrates weed control methods. Of interest to me was the advice that it is better to stem-scape both sides of the stem/s of running vines to the green layer, and to coil the running stems eg Morning Glory, Mile-a-Minute, rather than to remove the leaves and stems, as they help move the poison through the plant.





Apart from detailed information about the three main types of herbicide – glyphosate, metsulfuron methyl (mostly used by contractors rather than volunteers), and synthetic hormone herbicides (of which Vigilant is one), there were two strong take-home messages from the workshop:

Glyphosate, a non-selective herbicide (ie it kills everything it touches), is very dangerous to eyes, so best to wear goggles when mixing. If you or someone else gets some in their eyes, flush the eyes thoroughly and go immediately to the nearest hospital Emergency Department, as it can cause blindness.

Vigilant is effective in small amounts, but it spreads easily through soils and can thus kill plants away from the target weed, so make sure you pick up any blobs that drop onto the ground.

Image: WEEDeck cards by SCC



## The Social Scene for 2017

### Lineise Norrish

This year CaNSCC has had a social outing approximately every two months, comprising two dinners at Castros; two lunches at the Thai restaurant Si Suphan, and more recently on November 14, a tour of the LifeFlight Hangar base at the Sunshine Coast airport.

This was attended by nine CaNSCC members and five members from my Exit International group, of which I am the Chapter Leader for the Sunshine Coast. At \$15 per person plus some donations, we raised \$285.00 for this worthy cause. On arrival at the base we were able to watch one helicopter take off en-route to Cherbourg to collect a patient and transfer to either Gympie or the Sunshine Coast Hospital. Unfortunately as a result, there were no helicopter nor pilots present.

Instead, we were given a talk by one of the volunteers and we watched videos of rescues, including one which involved a brave soul descending to a cruise liner which did slow down, but they do not stop. As it costs \$12,500 every time a helicopter takes off, and the service is not fully funded, these tours are a vital fund raiser for the organisation. We are fortunate to have such a service in our vicinity.

In 2018 I will organise another tour if there is enough interest, so please do contact me and I will make a list. A minimum of 10 and maximum of 20 is the required number for a hangar base tour on either a Monday or Tuesday, morning or afternoon.



# Surveying and Monitoring Dune Biodiversity Health

## Leigh Warneminde

In mid 2017, Coolum and North Shore Coast Care (CaNSCC) were fortunate to receive funding through the Queensland Government Community Sustainability Action Grants. This funding has initiated a re-audit of existing Hollow Log Home Nesting Boxes as well as repeat on-ground fauna surveys in three sites by Faunawatch. In this article I will concentrate on the Nesting Boxes as the audit has been completed.

In 2000, funding was received to install Hollow Log Homes in bushland reserves around the Coolum-Yaroomba to add biodiversity value to the bush restoration activities undertaken by CaNSCC volunteers.

Over the next 15 years, through previous funding grants, the Nesting boxes have been installed and audited and replaced at Coolum, including but not limited too; the Springfield Avenue reserve, Yaroomba Bushland Conservation Reserve (BCR), Yinneburra BCR and at Pt Arkwright Road Reserve (CRRAG site) and as of 2015, Mudjimba in the Conservation Park. All the bushland sites mentioned are conservation reserves that CaNSCC volunteers continue to maintain and regenerate.

The loss of “habitat” trees due to urban expansion is catastrophic for ‘hollow dependent’ fauna species, which is why we have installed replacement hollows targeting certain fauna species. As stated by Stacy Franks of HLH, “In the wild it is reasonable to assume that a two hundred year-old tree could have in excess of 20 hollows of various sizes.” (The habitat loss of the Scribbly Gum forest springs to mind immediately). The design of the Nesting Boxes target animals such as: Small Parrots, Feather Tail Gliders,

Owlet Night jar, Possum, Sugar/Squirrel Glider, Dollar Birds, Wood Ducks, Boobook Owls, Micro Bats and Kookaburras.

Comprehensive data collected from nearly two decades of monitoring has redefined the areas of greatest occupancy of the existing nesting box between Coolum and Maroochy River. The 2017 audit of 54 boxes recorded that 42.5 per cent of 54 nest boxes were used by six native species. Native bees (*Trigona carbonaria*), Owlet Night Jars (*Aegotheles cristatus*), Squirrel Gliders -*Petaurus norfolcensis*, Brushtail possum (*Trichosurus vulpecula*), Ringtailed possum (*Pseudocheirus peregrinus*), Shorteared possums (*Trichosurus caninus*). The species mix was less than in previous years.

### ***Findings were as follows:***

***-No further funding to be allocated to Yinneburra and Pt Arkwright due to consistent lack of activity***

***-Yaroomba Bushland Park has four of five nest boxes with evidence of occupancy by Squirrel Gliders***

***-Coolum Yandina Rd had one box being used by Gliders with the second box (previously used by Dollar Birds) having deteriorated and requiring replacement***

***-Springfield Avenue had nine boxes with evidence of occupation- it has always been one of the best sites for hollow dependent wildlife***

***-Cassia Wildlife corridor- evidence of Micro-Bat usage, and a variety of Possums. One box was destroyed by fire and needs replacing***

***-Maroochy River Conservation Park has the most diverse mix of species with some boxes showing signs of dual occupancy***

This long-term dataset has given CaNSCC an indication of animal species that continue to call the Maroochy North Shore and Coolum District home. We will investigate replacing deteriorated boxes with Cyplas boxes as funding becomes available.





Two have been installed using funds previously donated to CaNSCC. Cyplas boxes are made from 100 per cent recycled High Density Polyethylene (HDPE) and Queensland Cyprus Pine. They are termite resistant, rot proof and have a lifespan of 30 years.

New Fauna surveys are currently underway and will be reported on as the information becomes available.

*Image: A Family of Gliders*



## Talking Trash – Tangaroa Blue Style

### Estelle Blair

On November 10 2017 Sherida, Sue, Diane, Chad and I attended a seminar hosted by Sunshine Coast Council (SCC), and conducted by Envirocom, who have the SCC contract for beach cleanups and litter awareness outside patrolled beaches. The purpose of the meeting was to brainstorm what are the major waste issues for our area and how to reduce it at the source; to develop a 'Plastic Pollution Prevention/Reduction Plan'.

Their guest speaker was Heidi Taylor from Tangaroa Blue, which manages the Australian Marine Debris Initiative database and which has been a key leader in raising environmental awareness regarding plastic pollution since the organisation was established in

Western Australia in 2004.

***I found some random snippets from their database particularly interesting – since inception:***

***-Data is being submitted from 2,400***

***coastal/estuarine locations around Australia***

***-8.9Million data items have been recorded on 89,500 'volunteer' data sheets***

***-25,000 cigarette butts were picked up on a Sunday afternoon on Bondi beach***

***-10,601 plastic bottles were collected from a 7km length of beach at Mapoon, in northern Queensland (only 20 had Australian labels)***

Heidi explained that they had identified nine different sources of marine debris, but unfortunately they sit under different jurisdictions, making compliance checking very difficult.

The dominant material being retrieved is plastic (74 per cent) followed by metal (8 per cent), glass and ceramic (7 per cent), paper (4 per cent), foam (3 per cent), rubber (2 per cent), and cloth and wood, both 1 per cent. For the Sunshine Coast last year, the top three items for coastal areas were cigarette butts (20,130 or 21 per cent), plastic bits (13,863 or 14 per cent) and plastic film remains (8075 or 8 per cent), while the top three items in estuaries were the same, but in a different order: plastic film (14 per cent), plastic bits and shards (11 per cent), and cigarette butts (10 per cent). Heidi was hoping that when single-use plastic bags are phased out and the container deposit scheme is phased in, in July 2018, some improvement may be seen in overall litter volumes.

Heidi also explained the difference between 'degradable', 'biodegradable' and 'compostable' plastic bags. The first two break up, the first just disintegrating and the second through microbial action, but neither disappear in the environment; the third is only 'compostable' in a commercial composting situation, not in a marine environment. So don't be fooled as I was! As we have found from our marine debris surveys, plastic pieces just get smaller and smaller, but never 'break down'.

Under her guidance – and Mandy's and Sandy's from





EnviroCom – we brainstormed what we thought were the major waste issues for our ‘patches’ and how to stop it at the source. Doggy doo bags were flagged as a particular issue, mainly at the dog off-leash beaches away from residential areas where there weren’t local residents taking ‘ownership’. Plastic water bottles and helium balloons were other ‘pet hates’. We discussed why we thought these were issues and how we may be able to change littering behaviours (education and awareness seemed to come up most often, though banning helium for balloon use was mentioned).

The ultimate aim of the workshop was to provide ideas and insights to EnviroCom to develop a Source Reduction Plan for Sunshine Coast marine debris and litter. No one wants to just keep picking up litter – we want to stop it before it starts. Certainly there were some good suggestions and practical steps that are feasible to take – but we’ll wait and see what Mandy and Sandy come up with! All in all, it was a far more interesting day than I had thought it would be, and well worth attending.

*Image: CaNSCC's Chad and Heidi from Tangaroa Blue*



## Photography Feature

### John Thompson

Coolum and North Shore Coast Care (CaNSCC) members and friends contribute photographs and purchase calendars to show their support for our work. John Thompson provided CaNSCC with a disk of so many fabulous photos it was hard to decide which NOT to use.



Here is John's story and some photography tips:

I have always taken pictures. I had a career taking X-ray photographs and managed to keep myself sane by making art, mainly sculpture, painting and music. Now when I can devote more time to such things I find myself out in the bush or at the beach; camera in hand, taking photos.

This is keeping me from my workshop life but it is all good and healthy, not to mention enjoyable. I share many of these hours with my wife Heather who luckily is also a photography nut. Nature’s little secrets are revealed to you through persistent observation and being there...ready to take the picture. It is such a joy to find a rare bird or other in good position and good light. Click,Click...you got it. The plight of the photographer however is to also make it a good photograph.

So remember all good people:

- ***Immerse yourself in your creative endeavour no matter how naive or inexperienced you are.***
- ***Always be learning how to be better at your trade.***
- ***Don't have too many rules but allow yourself to be free yet disciplined.***
- ***And finally, always be looking for a good shot, but first you have to know what makes a good picture..Taste can vary but basic principles always apply...except when you don't want them to.***





# Sunshine Coast Council Bushland Conservation Reserves

## Colin Verall

This is my second year of membership of Coolum and North Shore Coast Care (CaNSCC) and a Sunshine Coast Council (SCC) Community Nature Conservation Program Volunteer although as an individual aware of the invasive nature I have been removing Asparagus Fern from behind the sand dunes for about eight years now. Being a member has afforded me the opportunity to grow my knowledge of and enthusiasm for the restoration of the ecosystem of the SCC Coolum Beach Bushland Reserve.

We all need to be inspired by the CaNSCC aim which is:

- To protect and conserve the natural values of the coastal area between South Peregrine and Maroochy River**
- To encourage the preservation of this area's biodiversity**
- To encourage active participation of the community and governing bodies**

We all should be inspired by the assistance given by the SCC Community Nature Conservation Officers (Megan, Nadia, Leah, Ashley) and the many environmental information activities run by the SCC that are obviously supported by elected member council meeting resolutions and I am grateful to the elected members for their continued funding of environmental programs.

The Coolum Beach Bushland Conservation Reserves and other similar reserves have seen their ecosystems degraded, damaged and in some parts destroyed from the effects of reduction in habitat area, vegetation clearing, pests and weeds and unsustainable land use that has removed the conditions that native flora and fauna need to live without assistance.

We need to commit to seeing the community reduce their demands on parliamentary and local government members and candidates for development, jobs, services, etc. to a more ecologically sustainable level and thereby reduce the promises and decisions made by elected members to a more ecologically sustainable level.

If there are no red-beaked black swans in the Maroochy River, no emus roaming on the coastal plains, no dugong swimming past our beaches and generally the coast's biodiversity is in decline with 91 plants and 68 animals that call the Sunshine Coast home listed as rare and threatened under Queensland's Nature Conservation Act 1992; then the development on the coast should in all probability by any reasonable person be considered ecologically unsustainable.

We can help assist the SCC Community Nature Conservation Officers and others in the recovery the flora of our SCC Bushland Conservation Reserves through hand removal of invasive weeds.

Key aspects of our work must include:

- Returning all non viable stems and leaves to the soil Asparagus Fern leaves and fronds will not regenerate and will be best stockpiled to decompose into the soil as nutrients.**
- Leaving non viable root systems in the ground - Asparagus Fern roots and water sacks cut off below the crown will not regenerate and will decompose and return nutrients to the soil.**
- Reducing the soil, roots, stems and leaves unnecessarily consigned to landfill and returning those to the ecosystem.**
- Preserving fallen trees, ground cover, bush litter and landscape features that are vital habitat of remnant and regenerating flora and fauna.**
- Revisiting areas so that seed and plant stock in the ground and brought in by humans, birds and animals will continue to be controlled.**

Eventually the restored areas will contain functioning groups of native flora and fauna capable of sustaining reproducing populations, attracting flora and fauna and be sufficiently resilient to endure





periodic stress events in the local environment such as dry and wet seasons.

*I am happy to be contacted on Ph 0427 628 511 Email colinverrall18@bigpond.com to discuss this article and any other aspect of bushland reserve restoration.*

*Looking at photos below clockwise:*

*Before crowning remove berries to bucket*

*Crowned plant roots and water sacks left in the ground, minimum disturbance.*

*Bush litter spread over bare sand, retain moisture.*

*Fronds stockpiled on sand for decomposition, seeds in the bucket, crowns with sand knocked off in the bag, the seeds and crowns will go in the bag to landfill less unviable fronds and leaves, unviable roots and sand.*



## Everyone's Environment Grant – final stage

**Jan Crossland**

The EE grant is in its last few months, with the final report due at the end of March 2018. It has been a busy couple of months for our contractors, as they have spent several “contractor days” – teams of workers - removing woody and other declared weeds from the three main sites identified for the purposes of this funding, ie the Marcoola-Mudjimba dunal

strip, the Yinneburra and Yerranya dunes and the Yaroomba Bushland Conservation Reserve. For us, as the volunteers who remain “on-ground” and have the task of keeping the weeds at bay, it is really encouraging to see some sections of the dunes almost free of Asparagus Fern, Mother of Millions and Pepper Trees. There are always babies coming up, but it's so much easier to remove them than the big guys! Now we just have to hope that the \$\$\$s that we have poured into the work via this grant will be enough to help change the route of the Coastal Bikeway, which for now is slated to wander along the top of the dunes.

Further south, the Marcoola-Mudjimba dunes are looking pretty healthy too, although Gloriosa Lily is popping up everywhere. If you see some, please feel free to pull it out, which will at least stop this nasty invader flowering and seeding this season, and maybe we'll have a better solution for its control next year. Gloriosa has also appeared in Yaroomba BCR, and the madeira vine seems to grow almost as fast as we can remove it. Our final combined groups weed was held on the Marcoola dunes, where the focus was on planting, both trees and groundcovers, to encourage natural regeneration by reducing the ground area on which weed seeds can settle.

The EE grant also funds turtle activities, such as the information evening held at Sunshine Beach Surf Club on November 28 - about 70 people attended and the talk was well received, with some new beach-walkers signing up. Turtle crew members have also given several talks at schools during November/December. Extra marine debris cleanups have made the beaches as clean as possible in preparation for the turtle nesting season, which is well under way. *Image: More Asparagus Fern Removal*







# Traditional Owners on Watch for Vulnerable Black-Breasted Buttonquail

**Genevieve Jones**

Local Kabi Kabi Traditional Owners, Kerry Jones and family are working with Queensland Parks and Wildlife Service (QPWS) and volunteers to train in the use of wildlife cameras to monitor the vulnerable Black-Breasted Buttonquail (*Turnix melanogaster*). This bird is endemic close to the coast spanning from northern New South Wales to Gladstone. On the Sunshine Coast this species has been found in some forest types near Buderim and along the Conondale Ranges, Kenilworth and Walli State Forests.

The range of this species (being subject to habitat fragmentation and loss) is mostly within coastal scrubs and fragments of vine forest and thickets subject to periodic water stress. This vegetation is also threatened. Such vegetation was also traditionally useful to Aboriginal People. This quail is also known to occur in low thickets, woodlands, and patches of Acacia or any Lantana found present in such vegetation. The species is a ground dwelling bird, different from true quails, as it has three forward-facing toes and no hind toe.

The diet of the Black-Breasted Buttonquail includes spiders, beetles, snails, ants and seeds. As the bird forages, it creates distinctive shallow circular depressions (platelets) in the loose soil and leaf litter, which is a key sign the wildlife monitors look for in setting up their cameras. The areas being investigated and mapped as likely habitat areas for this bird include areas around Maroochy Estuary, Coolum Creek and west of Coolum, Noosa Heads and Kin Kin. This project has been made possible the Queensland Government's Community Sustainability Action grant also supporting local fox control and mangrove revegetation. *Image: The Black-Breasted Buttonquail has a National recovery plan*



*For more CaNSCC news and info, visit*  
[www.coolumcoastcare.org.au](http://www.coolumcoastcare.org.au)

## Making a Positive Difference

**Sharon Hanna**

Recently the Sunshine Coast Council, Community Nature Conservation (SCC-CNC) program presented one of Coolum and North Shore Coast Care's (CaNSCC) hardworking quiet and unassuming workers with the Silver Mattock Big Hand volunteer award for 2017. Congratulations.

Sharon Hanna, joined CaNSCC and the Thursday Stumers Creek weeding group in 2015 on the recommendation of the SCC's Nadia Joyce. "The sand dunes at Coolum are wonderful and it's a great group to weed with", Sharon said.

With the Petrie Creek Catchment Care Group, of which she's secretary, Sharon often in gumboots, weeds and plants within the wetlands and river banks of the Petrie Creek Catchment Care Group. The group works at Gulung Gung, Namba Creek, Florabunda Pocket (two Nambour sites and one in Woombye). Sharon says working at the various sites is great, as they are all different in landscapes, flora and fauna. Each site offers different people to socialise with as another bonus.





Occasionally Sharon assists in educational programs such as those run by Ecollaboration (Maroochy Waterwatch) with school students on field trips. "These motivate me to get out and enjoy our beautiful environment. I love the special planting days the council has on the Enviro Levy Land acquisitions, I have participated in ones at Obi Obi, Peachester and Verrierrdale and a few workshops and forums offered during the year. I try to share a little of the fascinating insights gained from these', Sharon said.

Sharon's says to all her bush care friends she was very surprised and humbled to receive the award. "I know many of you work very hard in a number of areas for conservation and the environment. I'm looking forward to 2018. Sometimes our awareness of the weeds overwhelms our view of the environment but we do what do because we believe we are making a positive difference. Thanks to all at CaNSCC and the SCC CNC team for making me feel welcome and valued."

*Image: Sharon receives the award*



## Turtlecare Training Day

### Luke Kaploon

Coolum and North ShoreCoast Care (CaNSCC) members had the privilege of being invited to and attend the Turtlecare training day in November 2017, which was headed by Dr Col Limpus from the Queensland Turtle Research Conservation Project.

Dr Limpus began work on the project in 1968 and this season marks 50 years of Dr Limpus as head of the the Queensland Turtle Research Conservation Project. Dr Limpus is a huge inspiration to all of the CaNSCC turtle conservation project team, his dedication is something to admire and aspire to.

*Image: Dr Col Limpus marks 50 years as head of Qld Turtle Research Conservation Project*



Dr Limpus is of course always at Mon Repos, Bundaberg during the nesting season at one point or another. A number of CaNSCC turtle conservation project volunteers have headed to Mon Repos this year for hands-on experience where a big proportion of the 800 to 1000 female loggerheads nesting in Queensland lay on Mon Repos Beach.

The volunteer work undertaken at Mon Repos is essential to keep refreshed and updated on the skills required to process turtles when they lay. There are a small group of CaNSCC volunteers who have accreditation to perform tasks such as tagging turtles with titanium flipper tags for tracking and identification, relocating eggs to safer ground and nest digging for data collection and these volunteers need to maintain accreditation by attending Mon Repos each year.





# Are You Ready for the Plastic Bag Ban? Smart Bags Can Help...

**Stephanie Phillips**

Most of us have heard that the Queensland Government will be banning the use of lightweight single use plastic shopping bags from mid 2018. Major supermarket chains have said that they will also stop supplying those familiar grey plastic shopping bags Australia-wide around the same time. So ... have you started to think about what you will use instead?

Luckily, Coolum and North Shore Coast Care (CaNSCC) have thought about it for you. With support and funding from the Sunshine Coast Council Major Community Grants program, CaNSCC will be producing some long-lasting, handy shopping bags for you to whip out at the checkout of your supermarket, clothes shop, shoe shop, fruit and veg shop, or even at the farmers' market.



Our Smart Bags are compact so you can store them easily in your handbag, pocket, or glovebox. They are sturdy enough to carry your biggest weekly shop, and they will last for years.

You can proudly say "no thanks" to all single use plastic bags everywhere and forever. The bags will be available in three different colours. And to make them even more appealing, each bag will be printed with a simple message about the impact of single use plastic bags on our wildlife. Not just practical and attractive, but educational too!

We are hoping that our reusable shopping bags will be available very early in January. Every CaNSCC member will receive one bag for free. You can purchase more bags for just \$5 each. Bags will be available for sale at several local outlets – more information will be available once the bags arrive.







# Watercourse Warriors

## Lineise Norrish

The Watercourse Warriors have extended their area of attack on the feral invaders, working away from the watercourse itself to continue removing asparagus fern from behind the dunes. After discovering a forest of corky passion on the north-west side, we have made inroads into removing this unwelcome invader.

During the 11 years since commencing the project, we have monitored the aquatic weed 'Mud Plantain', which despite our ongoing efforts, remains a constant invader. We have managed to prevent it occupying the same space and extent and this trend continues from previous years. In one particular year we filled 25 bags, and another year a trailer and utility were filled; we remain vigilant and it is our aim to not allow this weed to reach the same proportions again.

Our last workingbee we met for morning tea at the 'Ma Boulange Cafe' for our final team bonding session for the year. This continues the tradition of celebrating our work at the end of each year with a social get together instead of the usual workingbee.

In February we will resume our twice weekly workingbees; Monday and Thursday 8.30am at Beach Access 71 on Stumers Creek Road. New recruits are always welcome. Contact [Lineise5@bigpond.com](mailto:Lineise5@bigpond.com) if you would like to join us for another exciting year in 2018.

Image: Mud Plantain Outbreak



# CCNN Plant of the Month

## Fuschia Collard



### **Pultenaea villosa - HAIRY PEA BUSH**

Pultenaea (pronounced pul-tah-NEE-ah) is named after English botanist and surgeon Richard Pulteney; villosa (vill-OSE-ah) - meaning soft haired.

In a garden setting the Hairy Pea Bush is a shrub 1-2m that can grow in full or filtered sun. They have yellow/orange pea flowers (sometimes with red markings) from winter to early summer. Pultenaea villosa are known to attract butterflies, bees and small birds. They make an excellent "fill in" species for bush gardens and add a splash of spring colour, looking especially effective when planted with Hovea Acutifolia/Purple Pea Bush which flowers around the same time.

In their natural habitat, Pultenaea villosa live in a variety of sandy soils, from deep sandy edges of sand blows to sandy forest understories. They have a lifespan of six to eight years and are therefore used as an indicator that an area may need a controlled burn off.

There is plenty of healthy stock in the nursery at the moment for just \$2.50 each.





JETSAM is a collaboration of the wonderful efforts of CaNSCC volunteers. If you have a story or images to contribute to our quarterly publication, please send it to [info@coolumcoastcare.org.au](mailto:info@coolumcoastcare.org.au)

To stay connected to events as they happen via our Facebook page, [click here](#).

### ***Dune & Bush Revegetation and Weeding Groups***

Weeding Groups	Day	Location	Contact
Lions Park Watercourse	8:30 - 11:00 am <b>Monday, Thursday</b>	Beach Access 71, Stumers Creek Road, Coolum Beach (call to confirm location if new)	<b>Lineise</b> 5446 5116
Stumers Dunes	8:00 - 11:00 am <b>Thursdays</b>	Coolum Beach	<b>Birte</b> 0403 752 955
Yinneburra	8:30 - 12:00 pm <b>Thursdays</b>	Yaroomba	<b>Edwin</b> 0439 387 264
Yaroomba Bushland Conservation Reserve	9:00 - 11:00 am <b>1st Monday of the month</b>	Yaroomba	<b>Sherida</b> 0403 370 157
Town Of Seaside/ Boardwalk	8:00 - 11:00 am <b>Last Saturday of the month</b>	BA 98 (end of Merchants Pde, Town of Seaside)	<b>Luke</b> 0428 853 188
Marcoola South	8:30 - 11:00 am - <i>includes Morning Tea</i> <b>First Saturday monthly</b>	Roaming between Beach Access 112 to 117 Top of Mudjimba Esplanade	<b>Tony</b> 0419 791 860
	7:30 - 9:30 am <b>3<sup>rd</sup> and 5<sup>th</sup> Thursday</b>	Beach Access 99 - Orungal Park, Mount Coolum Shores	
Marcoola North	7:30 - 9:30 am <b>2<sup>nd</sup> &amp; 4<sup>th</sup> Tuesday</b> (eg:16/9 & 30/9)	BA 100 -102 BA 104 -108 Marcoola	<b>Alan</b> 0419 526 347
Mudjimba	8:00 - 10:00 am <b>1<sup>st</sup> Monday of the month</b>	Mudjimba	<b>Helen</b> 5448 9604
Twin Waters	8:00 - 11:00 am <b>3<sup>rd</sup> Monday of the month</b>	BA 131 North Shore Road (Twin Waters life-guard headquarters)	<b>Sue</b> 0402 113 375

\*Please note that dune care groups stop during January due to the heat and recommence in February.



## **Coolum Community Native Nursery**

Don't forget to visit us at the Coolum Community Native Nursery. Why not stop by, have a chat or ask a question, and pick up a local native or two to plant in your garden or around town!

157 Warran Road  
Yaroomba, QLD 4573  
Ph: 07 5473 9322

[info@coolumnatives.com](mailto:info@coolumnatives.com)

Opening Hours:  
Tues-Fri 7:30am-3:30pm | Sat  
8:30am-12:30pm