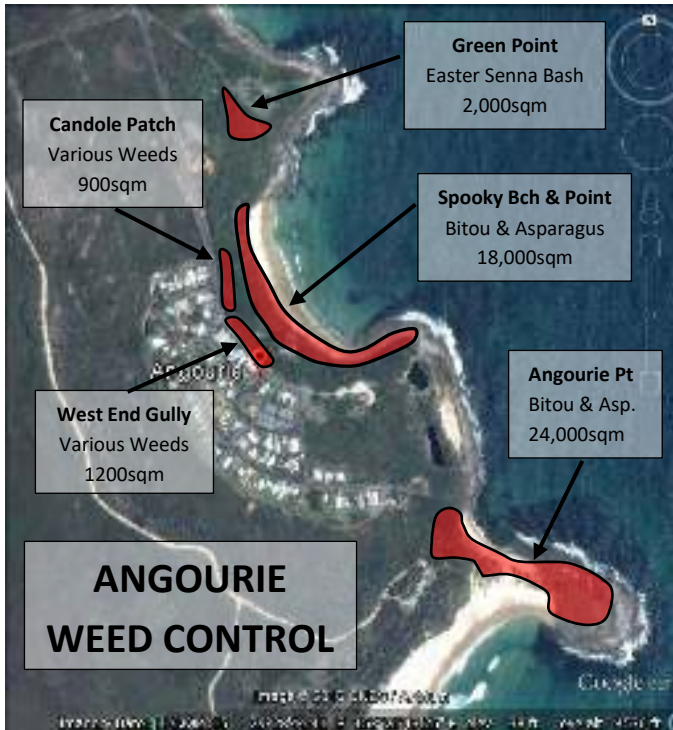


# Angourie Community Coastcare

## Annual Report - June 2019



Spraying weeds at Spookies Beach.



Weed control Spooky Beach, CVC & ACC



Easter 2019 Senna Bash with ACC and Wooloweyah Landcare



Farewell Gift for Jeff Thomas



Planting the Rare & threatened Sand spurge at Angourie Point



Fundraiser celebration Sept 2018



ACC Fundraiser 1<sup>st</sup> Sept 2018

Report prepared by John Webber, ACC President. October 2019

# 1.0 Summary of Works

One of the highlights of the year was the Sept 2018 Fund Raiser attended by 63 people. Food and entertainment were provided by Bonnie Fisher and her sister and ACC.

We had another crack at re-establishing the sand spurge out on Angourie Point and now have 8 survivors. We also weeded and replanted the Spookies Lookout terrace garden and 4WD access.

The annual Green Point Senna Bash addressed 1000 senna, and weeds opposite Candole and in the west end of Spooky Gully were decimated. In all, some 6,000 weeds were controlled within Angourie Reserve.

We also teamed up with council to spray Spookies Beach and Spook's Point addressing 600m of shoreline and 18,000sqm of foredune.

In the National Park, contract and volunteer weed control was a huge success. Weeds at Angourie Point, south to Marra Creek and to the end of One Man's headland were sprayed, addressing bitou and asparagus in an area totalling 150,000 sqm. Here, an estimated 24,000 weeds were sprayed.

**Volunteers contributed a total of 375 hours.** (Working bees 157, Meetings 40, Solo 178.) This represents a contribution of 375@\$35ph **\$13,125 by Angourie Community Coastcare**



## The Year in more detail...

### 2.0 Revegetation, Erosion and Weed Control

There were 8 main tasks addressed:

- 2.1 Spookies Lookout Garden – Replanting.
- 2.2 Angourie Point – Replanting the Sand Spurge
- 2.3 Green Point – Easter Senna control
- 2.4 Spooky Gully west - Senna and Purple Haze
- 2.5 Spookies Beach and Point - spraying
- 2.6 Angourie Point, Back beach to One Man's - Volunteer and Contract weed control.
- 2.7 Anga Point - spray and hand pull bitou.
- 2.8 Bushfire Bottle & Trash Collection (Sept 2019)



## 2.1 Spooky's Lookout Garden Weeding & Replanting. Sept 2018

7p/60sqmWeeds/20seedlings/10hrs

In an attempt to re-establish the garden, we set about replanting the terrace garden. The previous plantings had been killed by herbicide. We do not know who sprayed the garden.



Weeding & Planting – Sue, Rory, John, Peter and Kalinda & Nick. Pic: Dave Irving

The skanky scum mound that had formed around the shower was removed to reduce the risk of injury caused by slip-sliding



Imelda and John remove the slippery scum mound.

Following an inexplicable dieback of plantings, seven volunteers (John, Nick, Imelda, Peter and Kalinda, Sue and Rory) removed weeds and planted 20 Dianella in the lookout garden and the wall. Some dearly needed moral support was provided by Ben & Emma Webber.

## 2.2 Angourie Point Replant Endangered Sand Spurge May 2019

A small team of Angourie Community Coastcare volunteers helped plant 15 sand spurge out on Angourie Point on Sunday. The rare and threatened species is being re-introduced after its population had been reduced to non-existence. NPWS staff Grant Wilcock and ex ranger Jeff Thomas coordinated the planting exercise. There are about 8 plants that survived the previous years of planting and they are doing well.



Imelda, Margaret, Grant NPWS, Warrwick, Grant and Jeff T.



Margaret and Jeff pull bitou.

## 2.3 Green Point – Easter Senna control.

April 2019

25people/1000weeds/1800sqm/25hrs

Twenty five (25) volunteers attended the combined working bee of ACC and Wooloweyah Landcare and removed 1000 Winter Senna from Green Point.

As usual, an Easter Egg Hunt was organised and the 3 children who attended enjoyed the bounty.

Since then, individuals have removed most of the Senna along the Green Point road and along the Heritage Walk from Green Point to Angourie Road. Volunteers also removed many hundreds of beans to reduce next year's problem.



Grant amongst the Senna.  
Yellow flowers = Senna. Pic: JW.



The 2018 Senna Bash.



Easter 2019 Senna control at Green Point.

## 2.4 Spooky Gully (west) - Senna & Purple Haze

March 2019

2people/284 weeds/2hrs

Nick and Grant spent an hour each this morning on weed clearing in Spooky Gully.

Tally of 220 Winter Senna, 50 Purple Haze, 1 Murraya, 3 Giant Strelitzia and 10 Ochna.

By the end of May... 4,000 Easter Senna and 1,500 Purple Haze had been removed.



Purple Haze



Jesse and Lindz take a break.



Lindsay and Jesse cleared weeds and grasses from beside the 4WD access.

## 2.5 Spooky's Beach & Point ACC/CVC Spraying **Apr 2019**

10 people / spray 1000 weeds / 18,000sqm / 30hrs

Council's bush regen team and Angourie volunteers teamed up to spray weeds along Spooky Beach and at Spooky's Point. In all, about 500m of shoreline and 18,000sqm was addressed. The women folk hand weeded the terrace garden. Unfortunately, not all the packs had herbicide in them so John, Lindz and Grant returned to re-spray the unsprayed weeds.



Area sprayed = 18,000sqm



ACC and CVC bush regen team spray weeds at Spooky's.

### Meanwhile...

The picnic shelter at the Pools was painted by ACC volunteers.

The shelter was looking the worse for wear....so Lindsay Hunter and Will Webber set about cleaning and painting it. Lindsay then went on to paint the table at Spookies Terrace and the two tables donated by the owners of Yum Yum Café, Chris and Morgan.



Will sitting on one of the donated picnic tables.



Lindsay and Will paint the shelter. Pic: Will.

## 2.6 Angourie Point to Mara Creek Weed control June 2019

Weed control was mainly carried out by John and Lindsay, with John, Lindsay and Beatrice providing additional volunteer hours..

Angourie Point and the northern end of the carpark and the length of the 1.5km walk to One Man's Rock (near the Jew Hole) were treated. This comprises a total of 15.0 hectares or 150,000 square metres.

Weeds such as bitou bush, ground asparagus and lantana were treated.



Area sprayed under contract - with some volunteer hours.



North of Beach Track – dyeing bitou. Missed one or two. Got them on way back!



View North from First Hill to Angourie Point– shows dyeing bitou.



South end of Back Beach and One Man's headland.

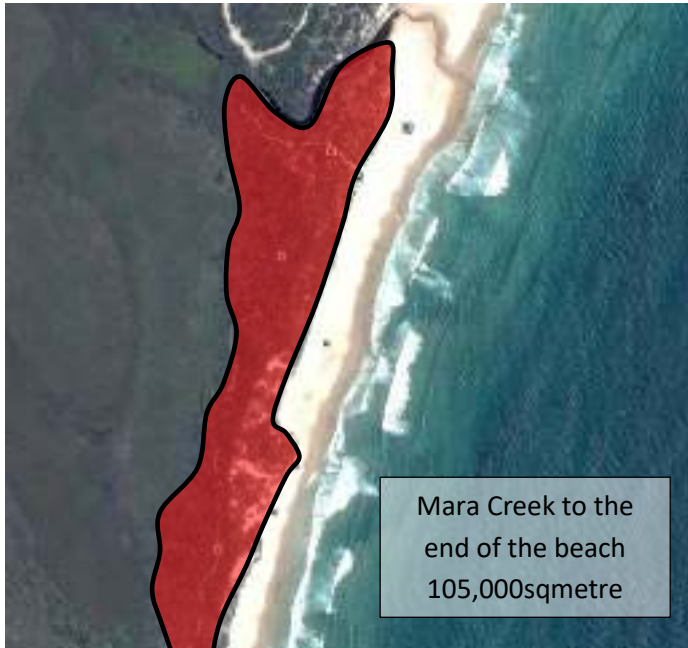


South of Mara Creek

# Weed Control - Mara Creek to One Man's

June /July 2018

An area of 127,000 sqm or 12.7 hectares was treated, mostly under contract. Part of the area was addressed by ACC volunteers, John Webber, Lindsay Hunter and Beatrice Webber. Weeds included bitou, ground asparagus and a patch of Turkey Rhubarb. The volunteers addressed about 10% = 12,700sqm, give or take a thousand.



John spraying bitou at the south end of the coffee rock cliff.



John spraying bitou at Angourie Point

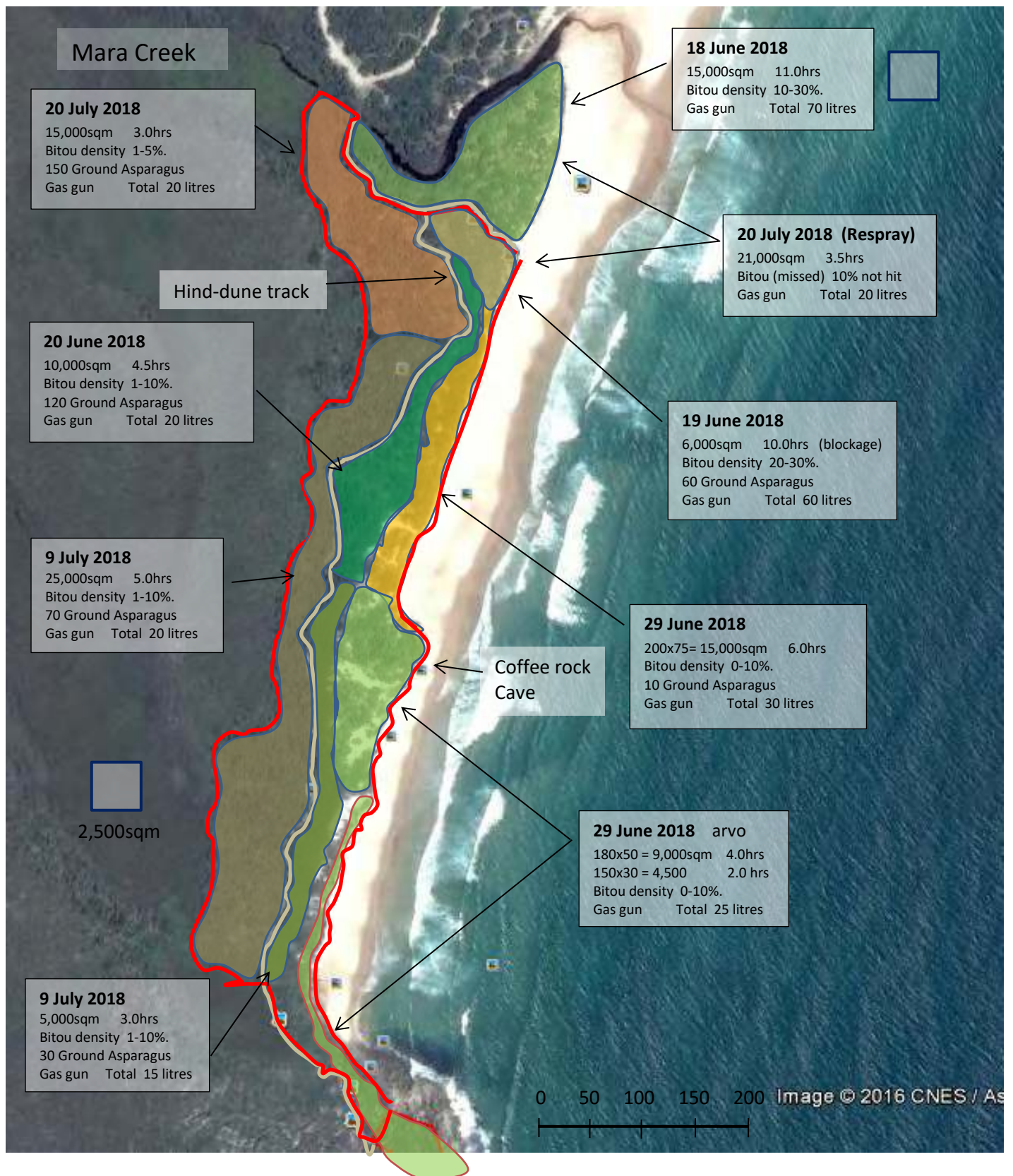


Beatrice Webber spraying at The Point



Lindsay spraying trackside ground asparagus

# Contract Weed Control Detailed info. June/July 2018



The above map shows how much area can be addressed in a given amount of time. Depending on access, and the density of infestation, the spray rate can range from 1,500sqm/hour to 5,000sqm/hour.



## 2.7 Angourie Point

To Spray or Hand-pull?

Aug 2019

12 people / 17,000sqm / 360 weeds / 20 hrs

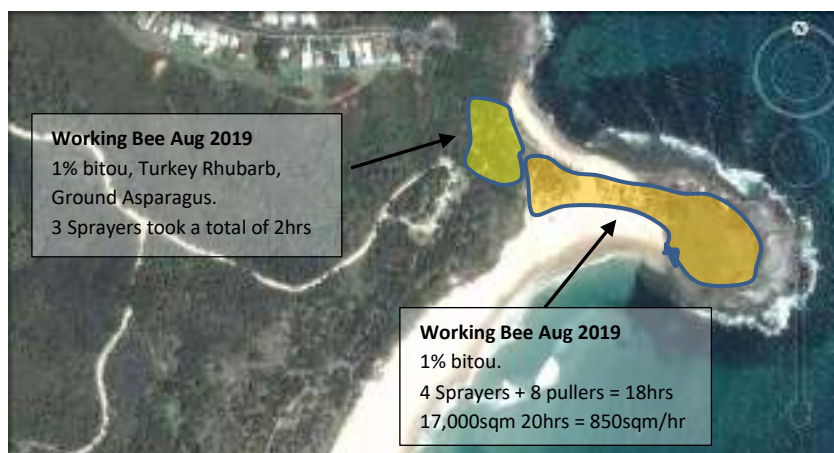
Total weeds pulled or sprayed = 360.  
(including Warrick's 3 monsters and 10 medium sized ones.)

Let's say 360 weeds were sprayed or pulled by 12 people = 30 weeds/person/hour onsite.

So what method is the most efficient?  
Do we spray or pull? (Hey, some of us prefer not to use chemicals and are happy to muscle their way through.)



The Site and the Team of sprayers and hand pullers.



After finding last year's weed map, we could compare methods. The total area addressed is 1.7ha which is 17,000sqm. Last year, Lindz and I took a total of 5 hours to spray this area. (3,400sqm/person/hr)

This time around, as a group of 12, we took 18 hours, which included spraying and hand pulling, training and photos. (950sqm/person/hr).

Clearly, spraying is quicker.

Last Year July 2018 Bitou density 1% Area 17,000sqm Gas gun = 5hrs  
Gas gun. 20 litres. 1g/litre Metsulfuron, 40ml Wetter and 40ml Red dye.

## 2.8 Bushfire Bottle & Trash Collection

Sept 2019

25people / 50 bags / 1.5km track & beach edge / 47hrs

### Angourie's Dirty Little Secret uncovered....

In the wake of the bush fires, volunteers from Angourie & Wooloweyah, scoured the reserve to collect bottles and other rubbish along the Heritage Walk at Green Point, Spooky Gully Nature Walk, at the Pools, along Spooky Beach and around the car park picnic areas.

Angourie Coastcare member, Will Webber said, "25 volunteers gathered 50 bags of bottles and cans, and a car tyre."

We lost the Green Pt Heritage Sign to fire and the Frog-bog boardwalk was damaged.



**3.0 Promotion** – In the 2017 Report ..... 9 press releases reached 30,000 readers, there were 2 articles in ‘Angourie Sometimes’ which reached 100 houses. There were 15 Facebook posts, one of which received 937 viewings. Last year and this year, articles were written for the local rags BUT bugger all were printed. *Angourie Sometimes* featured the usual Coastcare Report thus reaching the residents and ratepayers of Angourie, say 100 house and possibly read by two hundred people.



Just Some of the Volunteers Sept 2019

Stop Press:  
Grafton Team assist  
ACC volunteers  
gathering rubbish  
at Green Point.  
Oct 2019



## 4.0 Facts and Figures

**Working bees - Volunteers attended 8 working bees out onsite = 157 hours**

Date	Location	Achievements	No. of People	Total Hours
July 2018	Mara Ck south	John and Lindz spray bitou from creek to path 15,000sqm.	2	10
8.7.18	Candole Patch	Pulled 250 weeds. Sprayed 400sqm. Total area = 900sqm.	9	12
30.9.18	Spooks Lookout	Weeded 60sqm. Planted 20 Dianella. De-slip shower mound.	9	10
Mar2019	Spooks Gully	Weeds removed from west end of Spooky Gully. 284 weeds	2	2
1Apr19	Green Point	Cleared 1000 senna. 1800sqm.	25	25
10Apr19	Spooky Beach	ACC/CVC spray beach & point. 18,000sqm	7	30
May19	As above	Grant, John and Lindsay respray 600sqm	3	6
26May19	Angourie Point	Planted 15 Sand spurge. Hand pulled 40 bitou, 5 prickly pear.	8	15
June on	As above	Watering Sand Spurge	4	35
18June19	Spooky Access	Lindsay and Jessie Williams clear weeds and grass.	2	12
		<b>Range in number of volunteers (at advertised Working Bees)</b>	<b>8 - 25</b>	
		<b>Total number of hours out on site (Last year = 110)</b>		<b>157</b>
Aug2019	Angourie Point	Hand pull & spray the point & car park. 24,000sqm	12	20
Sept2019	Heritage Walk	Bush fire Clean-up. 50 bags of bottles and cans.	25	47

## Meetings = 40 hrs

26Nov18	Grant/Imelda's	AGM combined with ARRA	21	10
Various	Grant/Imelda's	Discussion of works	4	8
6Sept18	Onsite	Weed ID with CVCs Dave and Tom.	2	5
26Feb19	ELF Grafton	CVC, NPWS, Envite, Landcare meeting and tour.	2	7
29May19	Maclean	CVC, NPWS, Envite, Landcare meeting.	2	6
June2019	Point Car Park	Meet with CVC and consultants, survey and discussion.	2	4
		<b>Total (Last year 67hrs)</b>		<b>40</b>

## Individual Contributions – Solo Volunteer time = 163 hours

Reporting, plan drawing, watering, weeding, news articles and general admin.

Date	Particulars	People	Hours
Oct/Nov2018	2018 Report - write up, format and print 6 copies (JW)	1	23
June2019	Headland Carpark Plan survey and drawn, incl. emails. (JW)	1	10
Various	Watering sand spurge and spooks plants (JW)	1	16
Various	Emails, phone calls, logbook entries and general admin. (JW)	1	86
Various	Weed removal - Grant	2	16
Various	Admin and accounting - Grant	1	7
	Paint tables and picnic shelter. Robbo, Lindz and Will	3	20
	<b>Additional hours contributed by ACC volunteers (Last year 163hrs)</b>		<b>178</b>

## Total In-kind Contribution = 375 hrs. (375 @ \$35/hr = \$13,125)

June 2017 - July 2018	Working Bees	157
	Meetings	40
As above	Individual (solo) volunteer hours	178
	<b>Grand Total In-kind Contribution</b>	<b>375</b>

## 5.0 Financials details of the year ending 30 June 2018:

Income generated amounted to \$462. Expenses totalled \$158 leading to a profit of \$304.

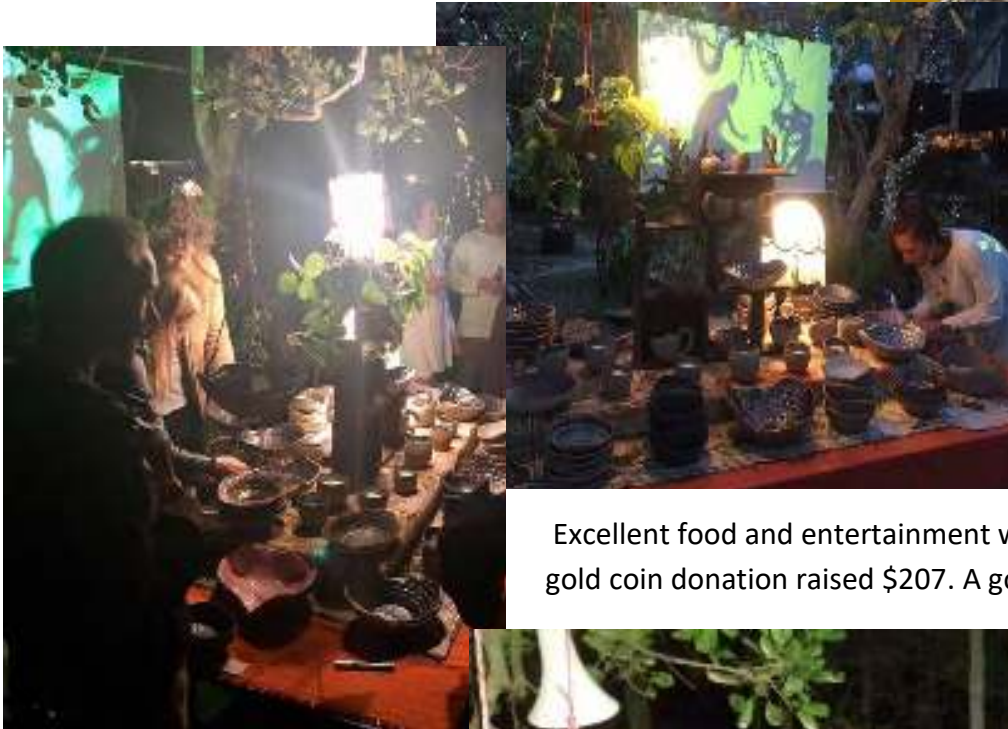
The association remained financially strong at year end with Cash Funds of \$9,989 and liabilities of \$844 resulting in a net equity of \$9,145 at year end.

## 6.0 Yearly Celebration and Fund Raiser:

Sept 2018

About 60 people from Angourie, Mullumbimby, Byron and Sydney attended 'Gas light', an exhibition of Bonnie Fisher's pottery and a screening of a short film.

The night was hosted by Angourie Community Coastcare at John's place.



Excellent food and entertainment were provided and a gold coin donation raised \$207. A good night was had by all.

STOP PRESS...

Almost \$15,000 raised for the local fire brigades!

Thanks go to ARRA, ACC, and the generous donors, the Angourie residents and the café raffle buyers.

Pictured right: Dumping fire retardant behind Angourie residences. 9 Sept 2019



Just a few of those who attended the exhibition. Pic: John.



## Future plans....

Replace the Heritage sign at Green Point, repair the Gully boardwalk, team up with G.C.S. to address the post-fire emergent weeds, and if there is community support, create a track north and south east of the pump station, as "the forest red-gum walk".