



# WARRINGAL CONSERVATION SOCIETY

## *True Spring Newsletter*

Volume 42/six

November/December 2012

*Warringal Conservation Society is a local, not-for-profit, community organisation caring for the environment in Banyule.*

*Formed in 1970, the Society is an active and productive steward of Banyule's environmental heritage.*

### **Join us!!**

Warringal Conservation Society is not just a local environment group: it is stimulating, fun and companionable and takes an active role in the wider community.

Single \$15,  
Family \$20  
Pension/student/  
unemployed \$10  
Life \$150

Articles and photographs for the newsletter are welcome. We may edit for legal, space or other reasons. Opinions expressed in articles are not necessarily those of the Warringal Conservation Society.

Newsletter printed courtesy of Jenny Macklin MP.

## NOVEMBER MEETING

### **Bolin Bolin Billabong Water Harvesting and Rehabilitation Project**

Gary French from Parks Victoria will speak about a collaborative project designed to protect and enhance this significant billabong. The aim is to harvest storm water and replicate natural flooding events and frequencies to restore the billabong's health.

## DECEMBER MEETING

### **Members Slide Show Night**

WCS members Anthea Fleming, Daphne Hards and James Deane will present wildlife and plant photos. Anthea will be showing bird photos from the local area and further afield. Daphne will be showing photos from her recent trip to outback Western Australia. James will be showing photos of plants (and a few birds that kept still) from Gluepot Reserve in South Australia.

### **Christmas Supper**

Bring a plate to share for supper after the meeting

**Meetings on first Thursday of the month (except for Jan)  
from 7.30 pm at the Old Shire Offices,  
60 Beverley Road.**

**Enter from Buckingham Drive near the Banyule Theatre and  
Greening Australia. Melways map 32:D3. All Welcome**

## AT A GLANCE

### November

**Thursday 1st:** General Meeting - Bolin Bolin Billabong water harvesting and rehabilitation

Sunday 25th: WCS Excursion to Cranbourne Botanic Gardens.

### December

**Thursday 6th:** General Meeting - Members' nature photos and Christmas Supper

\*No meeting January

## News & Events

### Nov 25<sup>th</sup> - WCS end of year excursion

The WCS outing this year will be to the new Australian Garden section of the Cranbourne Royal Botanic Gardens on Sunday 25th November. Register your interest as early as possible with Anthony Fernando on 0400 178 115 or 9458 2346, or at xykruzine@yahoo.com so we can confirm numbers. We are aiming to organise a group tour at \$8.50 per person.

### WCS annual general meeting results

President: John D'Aloia

Vice President: Anthea Fleming

Treasurer: Daphne Hards

WCS Committee: John D'Aloia, Anthea Fleming, Celia Smith, Daphne Hards, Dianne Williamson, Marion Ware, James Deane.

Planting Coordinator: Anthony Fernando

Newsletter: James Deane & Gianna Romano

### Sugar Glider in Ivanhoe

Robert Bender reported the discovery of a sugar glider on 25 August when the bat boxes at Wilson reserve were being checked. A glider box has been installed but the glider has since moved on. This is an exciting finding and a tribute to the work done by Friends of Wilson Reserve. Hopefully more gliders will turn up in the area.



### WCS Planting Report : Western Habitat link planting Sunday 9th Sept

This planting was along the northern side of the drainage line from Banyule Swamp. Previous plantings had been called off because the ground was too soft over winter so we had some catching up to do. A total of 447 plants went in including: 5 River Redgums (*Eucalyptus camaldulensis*), 6 Bottle Brushes (*Callistemon sieberi*) as well as Kidney Weed (*Dichondra repens*), (Tea Tree) *Leptospermum lanigerum*, Tussock grass (*Poa ensiformis*), Flax Lilly (*Dianella longifolia*), River Mint (*Mentha australis*), Rushes and Sedges (*Juncus pauciflora* and *Carex species*). Tree guards were removed from previous plantings and weeds pulled out. Thanks to Kyle D'Amico from the Banyule Bush crew for setting up this planting.



## Who we are and how to contact us

### Warringal Conservation Society Inc

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**Vice President:** Anthea Fleming

**Treasurer:** Daphne Hards

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**Planting Coordinator:** Anthony Fernando

**Committee:** John D'Aloia, Anthea Fleming, Celia Smith, Daphne Hards, Dianne Williamson, Marion Ware, James Deane.

## New and Events cont.

### WCS Planting and Waterwatch Report : Beverley Rd wetland Sunday 21st Oct

Rushes and Sedges (*Juncus* and *Carex*) were planted on the eastern edge of the wetland where the water has recently receded. Then Julia Vanderoord from Waterwatch led a survey of aquatic life. Fine nets were used to collect samples of creatures living along the shorelines and amongst aquatic plants. The contents were emptied into trays so that the creatures could be identified using information sheets. Aquatic life included a tadpole, Damsel Fly nymphs, water mites, backswimmers, water boatmen, blood worms, leeches, snails, mosquito larvae, and an introduced pest species - the Mosquito fish (*Gambusia*). The mosquito fish reportedly made their way here during the floods in early 2011. Thanks to Kylie D'Amico for the planting and Julia Vanderoord for the Waterwatch.



1. Tadpole.
2. Damsel Fly Nymph.
3. Water Boatman

*Our current planting coordinator Anthony Fernando is planning to be overseas from May to November 2013, so we are looking for a volunteer to take over Coordinator duties for the second half of the year. Please contact WCS to express your interest.*

## Presidents AGM Report - October 2012

### Introduction

During 2012 we have seen the deepening global economic crisis continue to play havoc with our markets, including food and energy prices. There was the Diamond Jubilee of Queen Elizabeth II, bring joy and fulfilment to monarchists around the world. We had the Games of the 30th Olympiad in London, eliciting chagrin to Australian sports supporters because we had won less gold medals than Great Britain. . Windows 8 is released, and the Apple iPhone 5 has caused a worldwide shopping frenzy that may lead to an iPhone led recovery.

NASA's space laboratory – Curiosity, finally lands on Mars and now searching for life on the Red

Planet (in order to negotiate a real estate deal for future human settlers!). The world's first 1-Gigawatt wind farm is being constructed off the coast of South-Eastern England with the capability to power 750,000 homes: a project that would be outlawed in Victoria. Here at home, we have seen the frenetic machinations of our political parties, jockeying for position before the Australian electorate. Not to mention the introduction of the Carbon Tax that was meant to lead to rapid economic collapse and chaos. And of course, who can forget the mass hysteria that is starting to grip the world as the Mayan Calendar reaches the end of its current cycle, with media speculation predicting

## President's Report - October cont.

the end of the world – unlikely; or a transformative event of some kind – we live in hope...

.....All the while, we have members carrying on the important work of the Warringal Conservation Society, caring for our indigenous flora and fauna that live among us!

The work and the activities of the Society can be summarised as follows:

### Local Activities

The Society has been represented at Council meetings, with reports being provided at General meetings from time to time.

The Society has had representation on the Banyule Environmental Advisory Committee, giving a voice to local issues of concern to members and the wider community.

Representatives of the Society attended a Parks Victoria presentation of the Bolin Bolin Rehabilitation & Water Harvesting project.

The Society joined Friends of Banyule and the wider community in objecting to the proposed development of the Banyule homestead site

The Society confirmed that there were no plans to annex parts of Warringal Parklands for Car Parking. The Society was also able to express concern about cars accessing Warringal Parklands during local games hosted by the Banyule football club.

The Society was also able to raise the issue of the Marching Girl Bend area requiring some management given car parking disturbance & local ducks grazing on the site.

The Society is still active in the campaign against the Impressionist Lab proposed for Yarra Flats – that campaign is still continuing

The Society is continuing to work with Friends of Banyule in the campaign to promote sustainable transport and to protect Banyule Flats, Warringal Parklands & Bolin Bolin Billabong from the proposed North-East link.

The Friends of Banyule have done an outstanding job through engaging with media and politicians to ensure that sustainable transport remains firmly on the agenda in the halls of Parliament. The Society appreciates all the fine work undertaken by the Friends of Banyule, and will offer its support wherever it can.

### Wider Activities

The Society conveyed its support of the Government's decision to putting a price on carbon,

and for the significant investment into renewable industries

As a signatory to the "Common Position Statement of Conservation, Animal Welfare, and Political Groups calling for a ban in Victoria on recreational shooting of native waterbirds", the Society supported the Coalition Against Duck Shooting in the following ways:

Members joined other rescuers during duck shooting season to rescue wounded waterbirds

Members of WCS joined a Rally outside ALP State office in North Melbourne on 10 July 2012. The rally was a joint effort of Coalition Against Duck Shooting, Coalition Against Jumps Racing, and Oscar's Law in a campaign to put pressure on the State ALP who were against the Greens in the upcoming Melbourne by-election.

The Society supported CADS in making a submission on the proposed Wildlife (Game) Regulations 2012, objecting to allowing shooting licenses to non-residents and children between 12 – 17 years, as well as allowing for lead shot to be re-introduced.

Members of the Society attended a forum held with Climate Commissioners headed by Tim Flannery to discuss the climate impacts and opportunities for Victoria.

The Society added its voice to that of State & National Environment Groups calling for a Moratorium on Coal Seam Gas mining.

We have members engaging in campaigns to end live animal exports and to end factory farming.

Habitat Restoration & Enhancement Activities undertaken by the Society

The Society continued its ongoing commitment to habitat restoration and rehabilitation by undertaking plantings in the following areas:

Planting Report - New Playground in Warringal Parklands, Sunday March 18th

Over 500 Flax lilies (*Dianella revoluta*) plus a couple of Bush Peas (*Pultenea* sp) were planted around the new playground. A couple of families walking or riding by stopped and helped.

Mulching and tree guarding of 40th anniversary tree planting - at Fannings Bend

Planting at the Western Habitat link near Banyule Swamp to catch up on those missed due to wet conditions over winter

National Tree Day at Yallambie Park - Sunday 29th July. WCS members joined Friends of Plenty River, enthusiastic locals and people passing by at

## **President's Report - October cont.**

Yallambie Park. Over 800 plants went in at the same site as last year on the bank of Plenty River

Sincere appreciation is extended to our Planting Coordinator, Anthony Fernando for all the work he has put in to organising and liaising with the Banyule Bushland crew in setting up our planting dates. I'm sure everyone would agree that Anthony has done a great job, and we look forward to Anthony continuing in the role.

Our thanks and appreciation are also extended to our planting crew who have sacrificed their Sundays to ensure the plants go into the ground. They help the Society to fulfill its commitment to rehabilitate and restore habitat for flora and fauna.

### Warringal Prize

As part of its commitment to furthering the interest of conservation and wildlife protection, the Society offers an annual prize through LaTrobe University.

The Warringal Conservation Society prize was established in 2010 to recognise student excellence in the area of conservation. It is awarded to a student with the best course weighted average mark score upon completion of the first year of the Bachelor of Science (Wildlife and Conservation Biology). This year, the prize was won by Mr. Peter Henry Charles Zammit for his achievement.

### Warringal Website & Facebook Page

Thanks to the assistance of Peter Deane, the Society was finally able to retrieve its website from the Albanian Hacker Group, and we are now up and running with a very simple site. With further help from Peter, we are hoping to develop the site further

Thanks to the initiative of Anthony Fernando, the Society now joined Facebook in March 2012. Upcoming events and activities can now be placed on this site for members and friends to see and share. The site can be accessed as follows:

[www.facebook.com/WarringalConservationSociety](http://www.facebook.com/WarringalConservationSociety)

### Newsletter

The Society's newsletter has always been the principal means of informing our members of the work of the Society. It also provides a wealth of information on environmental issues and campaigns that keeps our members in touch with what is happening locally and globally.

I am sure that all members and friends appreciate the extensive work involved in producing a

publication of such standard. On behalf of all members and friends, I extend our heartfelt appreciation to our Editors, James Deane & Gianna Romano for such fine work. Thanks are also extended to members that have contributed articles to the newsletter.

Members are encouraged to provide their email address to the Society. There are a number of benefits by doing this such as: the email version of our newsletter is in colour and members can be informed of upcoming events – too soon to be published in our newsletter.

### Guest Speakers

The Society has always been fortunate in having an excellent array of guest speakers.

We extend our thanks to those guest speakers for their informative and entertaining talks on a wide variety of environmental and natural history topics.

### Campaign Leaders

Special thanks also go out to our campaign leaders in assisting the Committee, informing members of issues throughout the year, and for contributions to our Newsletters from time to time.

Ban on Duck Shooting – Celia Smith

North-East link / sustainable transport – Marion Ware

Bird issues – Anthea Fleming

Green Wedges – James Deane

Climate Justice – Don Stokes

Animal Welfare/Rights – Karina Leung

### Work of the Committee

On behalf of members, I extend sincere thanks to the members of the Committee. The management of Society business cannot be done by one person. By donating many hours of their free time, members of the committee have represented the Society at important meetings and have undertaken the necessary duties of the Society that has allowed us to fulfill our commitments. Please extend our appreciation to the following members:

Anthea Fleming (Vice-President)

Daphne Hards (Treasurer)

Dianne Williamson

Celia Smith

James Deane (Editor)

Marion Ware

Special thanks go to our new Treasurer, Daphne Hards. Daphne has had a steep learning curve over the past year, but has performed her role admirably.

## President's Report - October cont.

### Members Support

Without the support of members, the Society cannot fulfil its objectives. On behalf of the Committee, I wish to extend our appreciation and thanks to the members of the Society that have assisted and participated in the activities of the Society including:

Attending our monthly general meetings.

Participating in WCS and community plantings.

Assisting and supporting the campaigns undertaken by the Society in the past year through campaign letters, subscriptions and generous donations.

The committee looks forward to your continued support and assistance, and welcomes any suggestions and comments to assist us to achieve even more in the coming years.

### Banyule Bushland Crew

Although the Banyule Bushland crew has a huge task in servicing all of our parks and reserves, the Society has enjoyed their support in undertaking plantings throughout the year. On behalf of members, I extend a note of sincere gratitude to Chris Callahan and members of the Banyule Bushland Crew for their hard work and diligence in caring for our local environment, and for their outstanding support of the Society in fulfilling its commitment to rehabilitating and enhancing our

natural areas. We look forward to their continued support and assistance.

### Friends of the Society

Finally, on behalf of the Society, I would like to extend our thanks to the following people for assisting the Society in its activities:

Jenny Macklin & her office staff in assisting the Society in publishing our newsletter.

The numerous Banyule City Council officers, including John Milkins & Fleur O'Lanaigh for their assistance in providing information and support in environmental activities conducted by the Society.

To all the friends groups and Societies that we have had the pleasure of working with over the past year.

So, if the end of the world does not eventuate in December 2012, with the continued support and assistance of our members and friends, the Society can continue to participate in the community to protect and advocate for our indigenous flora and fauna. Who knows, perhaps the transformative event of 2012 will be a world that actively engages in creating a sustainable future. Either way, we will be there.

*John D'Aloia, WCS President*

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## September Speaker - Peter Castaldo - Beyond Zero Emissions

Beyond Zero Emissions is a not-for-profit organization that promotes change to sustainable energy. Peter Castaldo outlined their plan to move to zero net carbon production for Australia within 10 years. The aim is to contribute to a world-wide effort to limit human-induced climate change to less than 2°C and avoid damaging and irreversible changes to the weather. Australians produce more carbon per capita than anyone else in the world so we have more to do. Plans and recommendations are being formulated for more efficient buildings, zero emissions transport, better land use, and reducing our reliance on coal.

Australia is presently heavily reliant on coal for power generation. Peter discussed prospects for moving away from coal to renewable forms of energy. Importantly, plans are costed and based on existing technology.

Australia is blessed with plenty of sun so solar would play a major role. Concentrating solar thermal power stations use an array of mirrors to focus the

sun's energy to a central point where it heats molten salt. Heated molten salt is used to drive a steam turbine for power generation. Heated molten salt can be stored on site in tanks to provide generating capacity when the sun is not shining. Large concentrating solar thermal power stations with storage are in operation in the USA and Spain. The cost of these systems is decreasing and there is an efficiency of scale as power plants become bigger. Large solar power plants would ideally be located on marginal agricultural land.

Wind generation is already in use and could be scaled up to increase capacity. Existing hydroelectricity and crop waste biomass generation could be used to fill the gaps on the rare occasions solar with storage and wind do not meet demands. Upgrades of the national electricity grid could also be used to smooth out fluctuations in generation capacity and demand.

More information: [beyondzeroemissions.org](http://beyondzeroemissions.org)

*James Deane*

## October Speaker - Alan Leenaerts - Sustainable Houses

Alan Leenaerts gave an inspiring talk about how he has retrofitted his older brick veneer house to reduce energy and water use to bare minimum. Windows and eaves were modified to make best use of winter sun, keep out the summer sun. Insulation was retrofitted, double glazed windows used, and several large water tanks installed. The fridge uses a venting system so that it runs more efficiently using cooler air from under the house. Heating uses the roof as a solar collector and cooling is uses a rockpile system under the house. Alan has kindly provided details of how he put together his rock pile cooling and rooftop heating systems.

### Rock Pile/Geothermal/GeoExchange/Earth-coupled/ground-source air conditioning

As part of my recent conversion to a low energy house, I replaced my tiles with colour bond roofing. The tiles were 50 years old; the sub frame required replacing, and the tiles required resurfacing. A Corrugated roof is cheaper, easier and quicker. There is less embodied carbon, and facilitates installation of a home roof heater system, which has reduced the heating costs by 75%. I now had 8 m<sup>3</sup> of surplus concrete roof tiles. Rather than cart away to land fill I decided to use these as a rock pile air conditioner. Thermal mass for air conditioning has been used for thousands of years, as is evident when you visit such sites as the ancient city of Petra. There are also some examples from pre Columbia America, complete with solar chimneys to create air flow. My system uses the tiles as mass, wooden spacers between the tiles to maximize the air-tile surface area, and a 30 watt air transfer fan.

I originally tried just pumping the cool air from under the house, but it comes out at 20°C and only lasted about an hour before warming up- unsatisfactory performance on a 35°C day. The thermal mass is 'pegged' at ground temperature (about 10°C in Melb) and provides an easy way of utilizing this resource.

This 30 watt low energy solution easily matches the performance of the 2000 watt portable unit I borrowed during the drought before I modified my house to be energy efficient. Like all air con, you are best to use sparingly, and for a small space, AND have a thermally efficient envelop: Mine is R3 external wall, R1.5 internal walls, R5.5 ceiling (not roof) and is draft proof and double glazed. It will easily cool my master bedroom (3.5m x 4.5m) in less than half an hour, and will happily supply cool air at ~11-15°Celsius for 10 hours. It gradually gets warmer with time, usually the cool change arrives before this and I open the windows. It is much more comfortable than a evaporative system, as it generates zero humidity, and much quieter than the split system as the fan is 10 metres away under the house. (split units sound like a truck next to the bed!).

#### What you will need:

5 cubic metres of masonry, or there abouts.

30 watt Air transfer fan and 2x ducts (Bunnings \$70).

Spacers to put between tiles to maximize surface area, mine are 20mmx10mmx 50mm pine .

Tarpaulin/Envelope to make air tight, I used a standard blue tarpaulin.

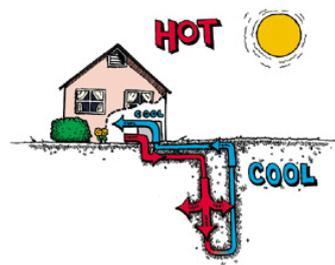
Thermostat and timer, not necessary but I like it to self operate when I am asleep.

Builders foil insulation, not essential, but improves efficiency. \$25 roll Bunnings.

Duct tape, \$5 Bunnings.

Inlet/outlet with gauze filter, Bunnings \$30, to prevent bugs and dust.

Closable vents, Bunnings \$20, these prevents cool drafts in winter. One for floor, one ceiling.



**How to build:** Stack the tiles inside the tarp using the spacers. Ensure there is as much contact with the ground as possible. This is to ensure the tiles can discharge their heat into the earth when not in use. Mine is about 1.5m wide x 1m high, x 4m long. . The thermal mass needs a shape about a meter in cross section and as long as you can make it. This ensures the air is in contact with the tiles for as long as possible. Seal up the tarp with duct tape, and tape in a section of duct at each end. Then wrap the five sides not in contact with the ground with reflective insulation. This ensures the 20°C subfloor air will not warm up the mass.

You now have a source of cool air, all you have to do is duct it where you want it. Cold air in thru the floor (with a close-able floor duct) , and warm air return back thru the ceiling (with a close-able ceiling vent), thru a cupboard, and back thru the floor to get 're cooled' by the mass, ie closed circuit. You can also run it as open circuit -venting straight into the ceiling- but it will be less efficient

Note: Water has a greater thermal mass, but is harder to put under your house, and the heat exchanger mechanism is much more expensive. Bricks or rock gabions will work just as well

	Heat capacity	Density
water	4.1 J/g.K	1000 kg / m <sup>3</sup>
brick/concrete/rock	0.9 J/g.K	2400 kg/m <sup>3</sup>
wood	1.2 J/g.K	500 kg / m <sup>3</sup>

*Alan Leenaerts*

## Rooftop Heat Recovery Ventilation (HRV) Heating System

If you have spare space on your roof (not taken up by solar hot water, or solar electricity) then you have a cheap resource available to improve the comfort of your home. If your roof is well insulated, (as it should be) none of this heat will get thru the ceiling to warm your home....unless you actively transfer it into the living space.

The average Australian rooftop collects 220,000 kilowatt hours of heat every year. In Melbourne, the range is from about 1500watts per square metre in summer, to about 900 watts per square meter in winter.

HRV systems like the one on the right (Fig 1) are available commercially for \$4500 - \$8000. This is an expensive option if you already have a heater and it does not need replacing. You can easily make one for less than \$600, and it will reduce your heating bills easily by 50%. My bill was lowered by 75%, and payback was less than one winter.



Fig 1

What you will need for each 4metre by 5 metre room:

- Air transfer kit/from Bunnings (about \$90) contains 2x ducts, one in line fan, 2x vent grille.
- Herpetarium thermostat (from Habistat online \$70)
- A plastic box (\$15 from Bunnings)
- Louvre Vent (from Bunnings \$10) in picture (Fig 2) this is already attached to the black plastic box, it prevents loss of warm air from the room by thermosiphon at the end of the day.
- 'DRAFTSTOPPER' the ones designed to go in your ceiling space over your bathroom/toilet fan. Again prevents thermosiphon losses)
- Duct tape (\$10 from Bunnings)

You will need to cut a hole in your ceiling for the grille vents, Over this position the box, with the duct running to the fan, then duct to the apex of the roof, use the duct tape to secure in position.

Put the insulation cut out from the ceiling on top of the box and put a brick on top to hold it in place, seal up the edge with duct tape.

To facilitate the return air cut another hole for the second grille in the ceiling of a cupboard in the same room, put a 'DRAFTSTOPPER' over the top to prevent recirculation. When the cupboard door is closed the cold air from near the floor will be sucked under the door and into the roof to be warmed, and eventually blown back into the room by the fan.

Set the Herpetarium thermostat 'on' switch for 22 - 24 Degrees C as there is little value in heat below this temperature. You will also need to turn it off for summer or you will over heat the house! I have a remote switch and turn mine on sometime in April and off sometime in Oct -depending on the weather

If you have a large room, or want to do the whole house, you may want to use more than one fan, my house is 180m<sup>2</sup> and I have four fans operating out of half the available roof surface area.

The system works better if the ceiling is insulated not the roof, as the blanket' style insulation will prevent heat entering the ceiling space. Tile rooves are not suitable for this retrofit as they are not air tight.

With 3 units as detailed in figure 3, it takes about 15 min to start working when the sun comes out, and will heat the entire space in 30-45 minutes. This has reduced my heating bill by 75%. I have had a 50% reduction in the same July quarters from 2011 to 2012 – the coldest months of winter, and virtually no gas heating costs for the rest of the year. The residual gas load on my bill in spring/summer/autumn is my hot water heating. This system obviously works best in a well designed and insulated house; in my 7.5 star house it can stay warm until 2-3 am.

No heater is required at all on a sunny day even in the middle of winter when the usable sun is gone at 4 pm. On an overcast day you will still get some HRV heat output but you may need to run a heater on low. My "back of the serviette" calculations has show 46 M J/m<sup>2</sup> or 8.5 stars - better than the hypothetical 7.5 stars of the home energy rating.

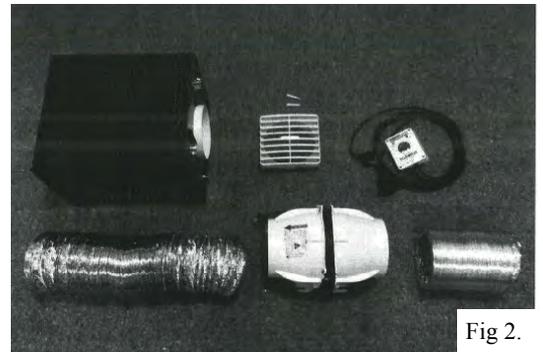


Fig 2.



Fig 3.



Fig 4. Here is what the finished outlet vents look like

# WCS - Financials

S. E. OBLIUBEK  
Chartered Accountant

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Oak Park 3046

## INDEPENDENT AUDIT REPORT TO THE MEMBERS OF WARRINGAL CONSERVATION SOCIETY INC.

### Scope

I have audited the attached special purpose financial report comprising the Statement of Receipts and Payments for the year ended 30<sup>th</sup> June 2012 of the Warringal Conservation Society Inc.

The Society's Committee is responsible for the preparation and presentation of the financial reports and the information contained therein and has determined that the accounting policies used are consistent with the financial reporting requirements of the Associations Incorporation Act and are appropriate to meet the needs of the members.

I have conducted an independent audit of the financial report in order to express an opinion on it to the members of the Society. No opinion is expressed as to whether the accounting policies used are appropriate to the needs of the members.

The financial report has been prepared for the purpose of fulfilling the requirements of the Associations Incorporation Act. I disclaim any assumption of responsibility for any reliance on this report or on the financial report to which it relates to any person other than the members, or for any purpose other than that for which it was prepared.

The audit opinion expressed in this report has been formed on the above basis.

### Qualification

As is common for organizations of this type, it is not practicable for the Committee to maintain an effective system of internal control over subscriptions, meetings income, donations and other fund-raising activities until their initial entry in the accounting records. Accordingly, my audit in relation to these items was limited to amounts recorded.

### Qualified audit opinion

In my opinion, (except for the effects of such adjustments, if any, as might have been determined to be necessary had the limitation discussed in the qualification paragraph not existed) the financial report presents fairly the financial position of the Warringal Conservation Society Inc. at 30<sup>th</sup> June 2012 and the results of its operations for the year ended 30<sup>th</sup> June 2012.

WARRINGAL CONSERVATION SOCIETY INC. STATEMENT OF RECEIPTS AND PAYMENTS for the year ended 30th June 2012			
	2012	2011	
	\$	\$	
<b>Receipts</b>			
Subscriptions			
Life membership	150.00	150.00	
Annual subscriptions	715.00	225.00	
Prior year	135.00	60.00	
Donations	766.30	420.48	
Sales of publications	205.00	10.00	
Bank interest	129.39	388.64	
Grant-Melbourne Water (Insurance and Postage)	1,100.00	0.00	
	<b>3,200.69</b>	<b>1,254.12</b>	
<b>Payments</b>			
Newsletter costs	427.65	375.71	
Meeting expenses	764.95	478.35	
Library acquisitions	59.95		
40th birthday celebration		170.51	
WCS Prize - Latrobe University	250.00	500.00	
Subscriptions			
Australian Conservation Foundation	65.00	65.00	
Environment Defenders Office		20.00	
Environment Victoria		55.00	
Donations			
Australian Conservation Foundation	50.00		
Coalition Against Duck Shooting	50.00		
Friends of Banyule		300.00	
My Environment Inc	75.00		
Victorian National Parks Association		35.00	
Wildlife Victoria		100.00	
Insurance premium	790.00	770.00	
Mailout re Friends of Banyule		80.40	
New membership form		866.50	
Website hosting	286.20		
Postage, stationery, sundries	167.80	147.78	
	<b>2,986.55</b>	<b>3,964.25</b>	
Surplus/Deficit for year	214.14	-2,710.13	
Balance brought forward	9,469.65	12,179.78	
Balance carried forward	<b>9,683.79</b>	<b>9,469.65</b>	
<b>The balance carried forward -</b>			
Commonwealth Bank			
Cheque account			9469.65
Bendigo Bank			
Club Cheque account	2555.24		
Term deposit	7128.55		
	<b>9683.79</b>		
<b>includes moneys held for -</b>			
Bailey Photos project	\$390.05	\$390.05	
Pictorial Recording of Plantings	124.34	124.34	
Melbourne Water project	825.00	825.00	
Middle Yarra Anti-Freeway Association	242.50	242.50	

S. E. OBLIUBEK  
Chartered Accountant Auditor

28 September 2012

## Warringal Conservation Society Annual Subscriptions were due July 1st

### Membership application/renewal (for July 2012-June 2013)

**Name:**

**Address:**

**Phone:**

**Mobile:**

**Email:**

**Special area of interest:**

**Annual subscription type:**

**Single \$15**

**Family \$20**

**Concession (seniors, students etc) \$10**

**Life subscription \$150**

**Donations always welcome**

**Please send this form and subscription (cheque or money order) to:**

**Warringal Conservation Society PO Box 64 Rosanna 3084 VIC**

**(Or come to our monthly meeting and see treasurer Daphne Hards)**

## Nature Notes - Member's Observations

### September

Seven Cygnets and a kangaroo reported at Banyule Swamp

Anthea Fleming reported: A yellow robin at Wilson reserve; Brown Goshawks, a Scarlet Robin and about 30 kangaroos at La Trobe Sanctuary; Straw-Necked Ibis at Ivanhoe; Wattlebirds; Yellow-Tailed Black Cockatoos; and a Turtle near the ranger's office at Darebin laying eggs.

Jane Crone reported Currawongs

Celia Smith saw a Swamp Rat and some Mistletoe

A Spotted Pardalote was seen leaving its hole in an earth bank at the site of the September planting

### October

Anthea Fleming reported: A Painted Lady butterfly at Westerfolds Park, a Water Skink, a Bluetongue, a Black-Faced Cuckoo Shrike, heard the call of Sacred King Fishers and Orioles, saw Swans and the swamp with 5 Cygnets, Red Wattlebirds, Common Bronzewings, and Little Wattlebirds nesting in a Lemon-Scented gum.

Jane Crone reported Butcherbirds and Galahs eating weeds

John Merory saw Sulphur Crested Cockatoos

James, William and Robert Deane and Gianna Romano saw a Weasel skink and a bluetongue at home in Yallambie, an Imperial Jezebel Butterfly at Mt Beauty, and lots of orchids (including a Green Comb Spider Orchid) at Smith's Gully.



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