



# BUTTERFLY CONSERVATION SA INC.

## NEWSLETTER

No. 60: February, 2017

### BUTTERFLY FORUM - Gerry Butler

Our second butterfly forum was held at the Waite Campus Childrens Centre on Sunday 30th October 2016. Twenty-four members attended and enjoyed several talks. The objective of the forum was: 'To inform members about SA butterflies and provide resources to enable them to spread the word'. The speakers included: Mike Moore, Association Chairman, welcoming the members and guest speakers with an address titled "Reacting positively with the public to promote South Australian butterflies"; Andrew Lines on collecting and displaying butterflies and moths; Gil Hollamby talked about physiology of the butterfly and metamorphosis and John Wilson provided an interesting talk on butterfly gardening.

Four round robin workshops looking at Display material (Jan Forrest), raising monarch butterflies (John Wilson and Linda Shmith), caterpillar identification using keys (Mike Moore) and native plants as host plants (Karen Lane, Growing Bush) proved to be of interest to members and thanks go to all those members especially Karen Lane's plant display.

The afternoon concluded with Mike Moore providing an overview of butterfly families and Life Member and Quizmaster David Keane's twenty questions quiz was a lot of fun illustrated with cartoons and quite a few tricky, fun, bizarre and thought provoking questions. This was an excellent introduction to the last Public Talk Quiz Night also conducted by David which, although attended by less members than usual, was a lot of fun and very enjoyable.



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Top: Andrew Lines presenting to the forum audience. Butterfly forum MC Gerry Butler with Karrin Wilkinson Director and Mike Moore Chairman outside the Waite CCC Above: YOUR COMMITTEE: from left, Gil Hollamby, Jan Forrest, Bernadette Johnston, Linda Shmith, Mike Moore, Andrew Lines, Lorraine Woodcock, John Wilson, Gerry Butler and David Keane (Erinn Fagan-Jeffries, Andrew Walters and Bryan Haywood were not present). Far right top: Karen Lane with members reviewing the butterfly Host Plant list. Below: Mike Moore presenting to the forum audience. Photos Gerry Butler, and Jan Forrest. More photos on page 9.

BUTTERFLY CONSERVATION SA. INC. Membership enquiries: [treasurer@butterflygardening.net.au](mailto:treasurer@butterflygardening.net.au)  
 Membership payments (\$10pa - plus \$10 surcharge for posted newsletters): to Treasurer: C/- South Australian Museum, North Terrace, ADELAIDE. 5000. Cheques to be made out to: Butterfly Conservation SA Inc.  
 EFT details: BSB 633-000 Account No:152785838 Bank: Bendigo Bank. Account Name: Butterfly Conservation SA Inc.  
 Please email Treasurer if paying by direct debit: [treasurer@butterflygardening.net.au](mailto:treasurer@butterflygardening.net.au) with name, amount and item.

## 7th MARCH PUBLIC TALK - Jody Gates on the 'Nature of SA' Project

The Nature of SA is supporting positive change in our approach to nature conservation and developing an achievable and enabling statewide strategy.

Jody Gates from the Department of Environment, Water and Natural Resources will tell us about this exciting project which is sponsored by the Government of South Australia and the Conservation Council of SA.

South Australia is home to an astounding variety of environments: from spectacular coastlines to arid ranges, dense mallee to stony deserts, farmlands and urban parks to expansive, ephemeral wetlands and remote wilderness.

These natural environments and the wildlife within are cherished and loved by many South Australians. They underpin our lifestyles and our livelihoods, our identity and our sense of place.

The Nature of SA is a partnership and process creating space for reflection and innovation. We are building shared visions and strategic policy directions for nature conservation in South Australia. We are crafting strategies that are inspiring, effective and wide-spread. Ultimately we want to tap into the great potential of our leaders and community to ensure that future generations of South Australians will have a healthy natural environment.

## 4th APRIL PUBLIC TALK - Erinn Fagan-Jeffries on 'Parasitisation of Moths and Butterflies'.

Ever seen weird cocoons on a dead caterpillar in your garden? Or have you ever ended up with a container of flies instead of a butterfly when rearing a caterpillar? Join PhD student Erinn Fagan-Jeffries on a journey into the weird world of the wasp and fly parasitoids of moths and butterflies – who are these parasites? How do they do it? Why do we need them? How can you be part of her citizen science project? Come along and find out!



Erinn is a PhD student at The University of Adelaide, studying a group of wasp parasitoids of moths and butterflies.

She holds a Masters of Science Communication and is passionate about getting non-scientists involved in research and observing the world around them.

She runs a citizen science project, The Caterpillar Conundrum (TheCaterpillarConundrum.org) where she asks the public to find caterpillars and rear them in the hope that some of these caterpillars will have the larvae of her parasitoids inside, thus contributing new host records when the wasps emerge from the caterpillar!

## ENGAGING WITH NATURE Butterfly Gardens - taking action module for teachers

This new module is now available on the Adelaide and Mount Lofty Ranges NRM Board Education site.

<http://www.naturalresources.sa.gov.au/files/sharedassets/adelaide-and-mt-lofty-ranges/nrm-education/amlr-butterfly-garden-taking-action-gen.pdf>

The purpose of this resource is to provide background and technical information on creating a butterfly garden, either within school grounds, at home, or in the community. The greatest learning outcomes will be achieved if students undertake the research themselves and are involved at every possible stage of the project development.

Topics include:

Why have a butterfly garden?

**Case study** - Pilyabilyangga - Waite Campus Children's Centre.

What do butterflies need?

**Activity** - complete the host plant (caterpillar food plants)

Useful links

**What next** - Gathering support

Naming your garden.

Designing your garden.

Building your garden

Information on soil and soil testing.

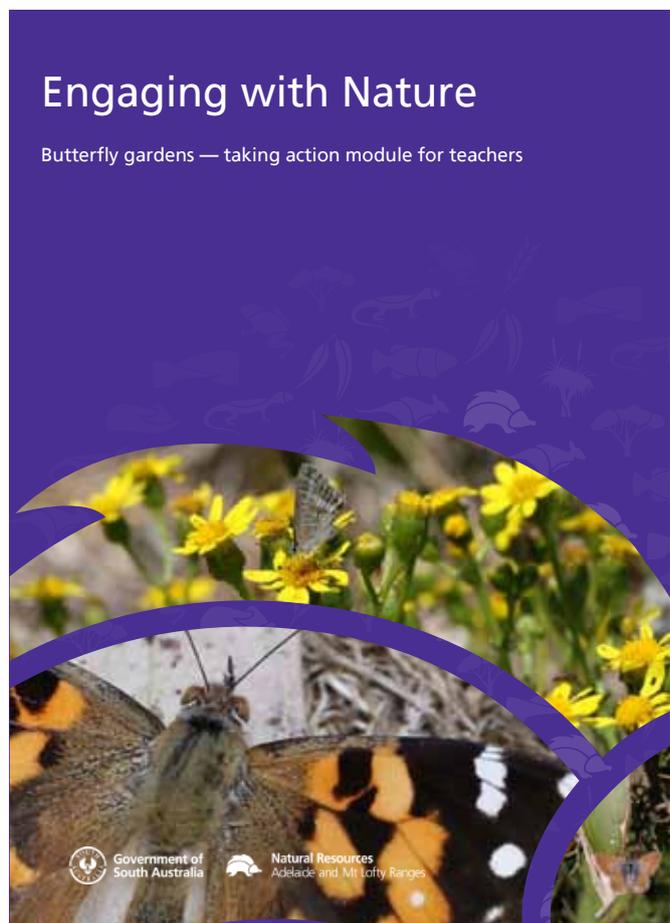
Plant your garden

Celebrate

**The future** - Maintaining your garden

Further Reading.

**Appendix** - Growing a project.



## 2nd MAY PUBLIC TALK - Neville Bonney on Edible Wild Native Plants

**NEVILLE BONNEY** was born in Mount Gambier in the south-east of South Australia. He has been at the forefront of promoting Australian Native Flora for fifty years.



Little did he envisage at that time in 1962 that his life would be absorbed by the many aspects of trees and natural vegetation.

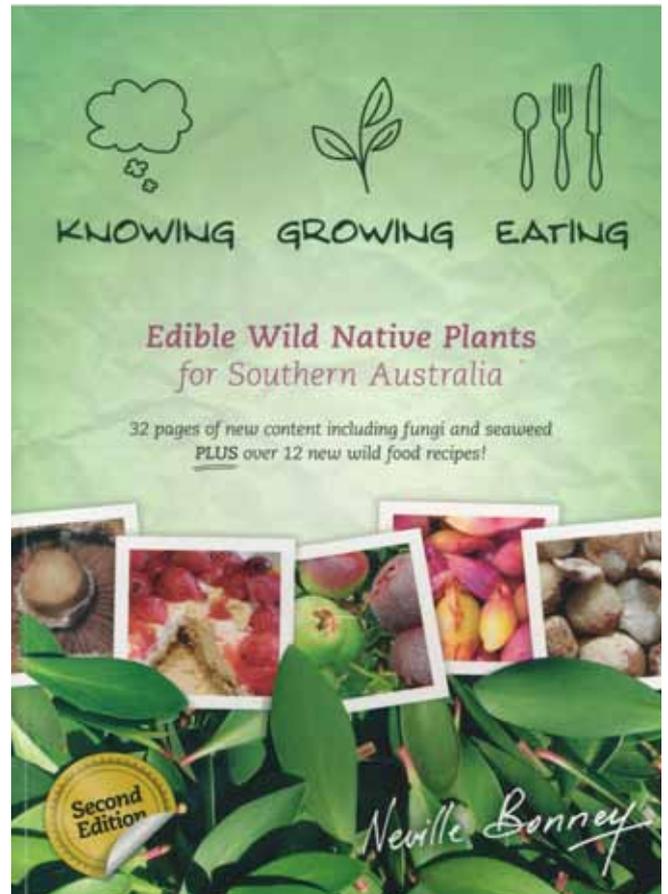
His involvement has covered aspects such as propagation, landscaping, seed collection and gemination, farm forestry, bush botany, tree planting, broad acre direct seeding, revegetation, creating natural habitats, ethno botany and as an educator.

This has taken him to many areas of Australia and overseas. During this time he has written many papers and books. This latest work concentrates on 'Edible Wild Food Plants for Southern Australia'.

He is well qualified to write such work, a keen grower of Wild Food plants for many years.

Neville is a past President of SANTA (South Australian Native Foods Association) and a member of ANFIL (Australian Native Foods Industry Ltd).

Now retired, he still plays an active role in promoting the values and importance of Australian Native Plants.



Neville will have copies of his book for sale at the talk.

### 6th JUNE PUBLIC TALK

Our speaker will be Mike Gemmell, Senior Information Officer at the South Australian Museum Discovery Centre on **Pollination**.

Many different insect groups and some animals (not just bees) have a major role in pollinating plants. Mike will explore ways each of these groups perform this very important task.



Photo: Sunflower Bug (off the web) [https://cdn.pixabay.com/photo/2014/07/28/18/43/sunflower-403966\\_960\\_720.jpg](https://cdn.pixabay.com/photo/2014/07/28/18/43/sunflower-403966_960_720.jpg)

### OPEN GARDEN AT SOPHIE'S PATCH

394 Springs Road, Mt. Barker  
YES we will again be at Sophie's Patch over Easter

**Saturday 15th, Sunday 16th and Monday 17th April, 2017**

HELPERS WILL BE REQUIRED ON EACH DAY  
If you can attend on any of these days to look after our stall for an hour or two please contact Secretary Jan Forrest.  
82978230 or [secretary@butterflygardening.net.au](mailto:secretary@butterflygardening.net.au)  
Times are 10.00am- 4.30pm  
It is a great garden to visit and you also get to talk to like minded people.



**Butterfly Conservation**  
Saving butterflies, moths and our environment



<http://butterfly-conservation.org/2061/email-newsletter.html>

Above is the link to sign up to obtain a free subscription the UK Butterfly Conservation organisation's E-Newsletter: **all aflutter**

## Butterfly Conservation South Australia Inc.

presents

# a PUBLIC TALKS PROGRAM 2017

On the first Tuesday of the month March to  
November at 6.15pm for a prompt 6.30pm start.

At the Clarence Park Community Centre  
72-74 East Avenue, Black Forest. 5th September talk  
(Sophie Thomson) will be at St Peter Claver Hall, Stuart  
Road Dulwich.

Bus route W91/W90: stop 10.

Noarlunga Train service: Clarence Park Station.

Glenelg Tram: Forestville stop 4, 9min walk south.

Entry by donation (minimum of \$2).

Bookings not required

Please bring supper to share, tea/coffee will be supplied.

Meetings should conclude by 8.30pm.

At the start of each meeting a ten minute  
presentation on a 'Butterfly of the Month'  
will be given by a BCSA committee member.

Photo LFHunt. Day flying Mistletoe Moth *Comocrus behri*

www.butterflygardening.net.au

## PUBLIC TALKS PROGRAM 2017

**7th March: *the Nature of SA Project.*** Discover how a new way forward for nature conservation in South Australia is being developed. DEWNR representative Jody Gates will inform the audience about the consultation process that has been going over the last 12 months.

**4th April: *Parasitisation of Moths and Butterflies*** Join PhD student Erinn Fagan-Jeffries on a journey into the weird world of the wasp and fly parasitoids of moths and butterflies – who are these parasites? How do they do it? Why do we need them? How can you be part of her citizen science project? Come along and find out!

**2nd May: *Edible Wild Native Plants for Southern Australia, Knowing, Growing, Eating.*** Neville Bonney is the author of this wonderful book and during his talk he will show samples of plants suitable for growing in your garden.

**6th June: *Pollination.*** Many different insect groups and some animals (not just bees) have a major role in pollinating plants. Mike Gemmell from the SAMuseum Discovery Centre will explore ways each of these groups perform this very important task.

**4th July: *Acacias and some close relatives.*** Martin O'Leary from the State Herbarium of SA will show some historic and more recent collections of Acacias and their relatives from South Australia and Cape York, and discuss aspects of their distribution, taxonomy and ethnobotany.

**1st August: 6.30pm BCSA AGM 7.00pm Public Talk "Changes in the distribution and abundance of birds in the Adelaide region over the last 30 years".** David will show some of the changes in distributions of birds between the mid-1980s to the mid 2010's for the "Adelaide" region. Although a few species have increased in distribution most have continued to decline despite a general cessation to broadacre vegetation clearance. David will offer explanations for some of these changes but the message is clear species of birds continue to disappear from our landscapes and we seem unable or unwilling to prevent them.

**5th September: 'Spring into your garden'** presented by Sophie Thomson from ABC Gardening Australia. She is a strong advocate for sustainable gardening practices, growing organic food, cooking from the home garden and creating backyards where kids can play and develop a connection with nature. **NOTE** different venue - to be held at: **St Peter Claver Hall, Stuart Road, Dulwich.**

**3rd October: 'Managing remnants of the Black Forest'** Learn how Adelaide City Council's Biodiversity Team and team member Liam Crook, is protecting and enhancing a small remnant portion of what once was the Black Forest, a Grey Box (*Eucalyptus microcarpa*), SA Blue Gum (*Eucalyptus leucoxylon*) and grassy woodland, in Victoria Park/Pakapakanthi.

**7th November: 'Wildlife of Greater Adelaide'** James Smith from Faunature is the author of this comprehensive book. Prof. Chris Daniels said "as a result (of this book) we can now identify our own animals, no matter how odd or obscure, and hence recognise the remarkable, unique, diverse and spectacular fauna that surrounds us."

*In the case of an advertised speaker not being available, a speaker of similar interest will replace that advertised.*

## DISPLAY TABLE

Everyone is invited to bring along to our monthly meetings any butterflies, moths, caterpillars, and all things Lepidoptera to share with other members on the display table or to seek identification from some of our knowledgeable members.

## Call out for stories, pictures and videos for our social media!

Do you have amazing images, butterfly stories or videos you'd like to share? We have a Facebook and Instagram account just waiting to be filled with great media from our members to share with the wider community. Send items to committee member [erinn.faganjeffries@gmail.com](mailto:erinn.faganjeffries@gmail.com) with information about who to credit, and your permission to share on social media.

If you're on Facebook, you can also share things directly to our page! <https://www.facebook.com/Butterfly-Conservation-South-Australia-1116575501735252/>



Butterfly-Conservation-South-Australia



ButterflyConsSA



Butterfly\_Conservation\_SA

**MT. PLEASANT SHOW**  
Saturday 18th March 2017  
Talunga Park

**APS SALE AND SHOW**  
29th - 30th April, 2017  
Wayville Showgrounds

If you are available to help us on our stall,  
please contact Secretary Jan Forrest 8297 8230

**THE CAPER WHITE BUTTERFLY - Linda Shmith**



During discussions with a friend at Semaphore in late November, 2016 she told me about a white butterfly that had black around the edges flying around her back yard. I had heard from Nils Beaven of *The Australian Butterfly Conservation* (Facebook page) that a mass migration of Caper White butterflies had made their way to South Australia from Brisbane. I asked her if she had a Caper Bush and she did so we checked it and found some eggs and newly hatched larvae. My friend offered that I take them home and continue to feed the hatching larvae. This was very exciting as I am keen to photograph as many butterfly life cycles, specifically Adelaide and South Australian butterflies for my records. Some of these may be found on *The Making of a Monarch – Butterfly* (Facebook page).

As the larvae grew I needed more fresh leaves so was able to source several more plants from *Hillside Herbs* in MacLaren Vale.

I sourced a few more eggs from a Native Orange tree (*Capparis mitchellii*) at Waite Arboretum as seen below.



Larvae of the Caper White butterfly feeding on a Bush Caper (*Capparis spinosa*).



As you can see from the photos above, their pupa is held by a silk loop about mid way as well as the silk along the length of contact. Photo on the left is a pre-pupa (on a silver pole, hence the reflection) and on the right is the fully formed chrysalis of a Caper White butterfly attached to the side of an old smoker's stand pole.



Above: newly hatched Caper White butterfly hanging with a monarch chrysalis.



Released!

For more information on the Caper White see *Attracting Butterflies to your Garden* book pp. 70-71 available from [www.butterflygardening.net.au](http://www.butterflygardening.net.au)

Just today I glimpsed a Dainty Swallowtail fly under my back verandah so headed outside and found an egg on my lemon tree. I have since brought it inside to avoid predation and plan to document the life cycle for the next newsletter.



All photos copyright Linda Shmith 28<sup>th</sup> Jan, 2017.

## MISTLETOE, ANTS AND CATERPILLRS

### Living on a plant that lives on a plant.

Mistletoe is an unusual native plant. It does not grow roots into the ground. Instead it grows on the branches of other plants. Most trees can survive this, unless they are already stressed with disease or some other problem.

Some Genoveva Azure butterflies will only lay their eggs on a mistletoe (*Amyema* spp.). A healthy colony of butterflies will keep the mistletoe in check.

### Getting a helping ant.

Some butterflies are helped by ants. One butterfly that is well looked after by ants is called the Genoveva Azure (*Ogyris genoveva*). The ants make a nest for the caterpillars of this butterfly at the base of a tree that has mistletoe growing on it. When the caterpillars climb the tree to feed on the mistletoe, the ants clear the path and chase off spiders and other dangers. The ants then guard the caterpillars as they feed.

### Payment in caterpillar juice.

The ants do not take care of these caterpillars for nothing. The caterpillars have a special gland on their rear end which oozes sweet sugary liquid. The ants carefully collect this and use it for food. (Adult ants can live on this alone if food is scarce).

### A crowded neighbourhood.

During the day the ants guard the caterpillars of the Genoveva Azure as they hide in underground chambers that the ants have dug for them. There can be many chambers around a tree, and often all the trees with mistletoe in an area will have nests at their bases. (Some colonies can cover half a hectare).

### Life cycle.

The female Genoveva Azure butterfly searches out trees that have mistletoe. She also tries to find trees that smell of ants and other butterflies of her own kind. Here she lays her eggs.

The caterpillars, guarded by their friendly ants, eat their way through mistletoe leaves each night. As they grow, they shed their skins until they are big enough to turn into a pupae in the ant chambers. Eventually the adult butterfly bursts from the pupae and crawls out of the chamber to fly away.



Photos above: Adult female Photo RHFisher. Top right, Adult male upper side and underside Photos LFHunt. Right Adult female underside Photo RHFisher.



**The helpers**

These ants are the sugar ants *Camponotus consiobrinus* that make the homes for the Genoveva Azure caterpillars and guard them until they turn into butterflies.



Photos above left: Eggs, caterpillars with pupa. Photos LFHunt. Right of text: close up of caterpillar glands and centre right: caterpillar with ant. Photos RHFisher. Above: caterpillar with ants. Photo LFHunt. Right above: mistletoe (*Amyema* sp.). Photo RGrund and Right: close up of *Amyema miquelli* Photo LFHunt.

- Do you know anyone that is getting rid of mistletoe?
- What problems might this cause?
- What other problems can humans cause for this butterfly?

This article was written originally by members of BCSA for the SA Museum exhibition 'Bringing the Butterflies Back' it will shortly be on our new web site. [www.butterflyconservationsa.net.au](http://www.butterflyconservationsa.net.au).

**WHAT'S FOR SALE? - WE WILL SOON HAVE AN ON-LINE SHOP**

**BOOKS** *"Attracting butterflies to your garden, what to grow and conserve in the Adelaide Region"*

**NEW EDITION** Published by BCSA 2016 - Our price \$25 (financial members members may purchase a book for \$20). Postage \$7. *"The Making of a Monarch"* has now been reprinted. Cost \$20 plus postage \$7.00.

**DVD** *"Butterfly Garden"* produced by Tracy Baron and Carolyn Herbert - \$20 each (BCSA financial members price \$15) postage and packaging \$7 One book plus one DVD postage \$15.

**POSTERS** *"Spiders and their allies of the Adelaide Region"* Published by BCSA 2014. \$10 a set of two, plus postage. Single posters: *"Bats of SE South Australia"* and *"The Bilby - Endangered Species"* posters are available for \$5 each, plus postage. **Poster postage** is \$12 for up to 6 posters. Posters are free to schools, but incur postage.

**SITE SIGNS:** Application form to register a butterfly site is available on the butterfly gardening website. Cost including postage \$50.

**PLANT TAGS:** See list and form available on website. \$2.00 per tag, includes plastic stake and postage.

If you would like to order any of our merchandise, obtain an order form for a site sign, plant tags or schools poster set, please email: [info@butterflygardening.net.au](mailto:info@butterflygardening.net.au) or write to the Secretary C/- South Australian Museum, North Terrace, ADELAIDE. 5000.

## BUTTERFLY CONSERVATION SA MEMBERSHIP

## MEMBER PROFILE Gerry Butler, Tranmere

Membership of the Butterfly Conservation SA (BCSA) is an important statement by you, or someone you value, that butterflies and moths are important and should be protected. Your financial and principled support helps us achieve that.

BCSA has been advocating for butterflies and moths since it was formed in 1999 to address the question, "Where have all the butterflies gone?" Without caterpillars there are no butterflies or moths and many birds and animals will starve. This is our Web of Life. Butterflies and moths are also very important for pollination of plants, as this is not just a province of bees and birds.

The work of BCSA led to a partnership with the SA Museum, which prepared an exhibition asking the question "Where have all the butterflies gone?" followed up by a second exhibition "Bringing back the Butterflies".

BCSA published "Attracting Butterflies to your Garden – What to Grow and Conserve in the Adelaide Region", by Hunt, Grund, Keane and Forrest, 2007, a 164 page book with a RRP of \$29.95.

BCSA continues its work and values its members and the contribution that we all make to the conservation of butterflies and moths. Many of these stories are told in the quarterly newsletter provided to members and other stakeholders and on the website.

Membership also provides access to excursions to butterfly habitats or involvement in different projects.

### Projects range from:

- Conserving habitat at different locations
- Providing advice to Friends of Parks and other conservation groups, and submissions to parliamentary enquiries
- Organising monthly public talks on environmental issues
- Giving talks to adult groups such as service groups and gardening clubs etc, and to schools.
- Presenting promotion stands at gardening expos and fairs.
- Producing resources including books, posters, DVDs and plant tags, with posters provided free to schools
- Supplying Butterfly Site signs to gardeners who are conserving butterfly habitat.

Annual membership is **\$10** per year. If an email address is not supplied or a hardcopy of the quarterly newsletter is requested, a surcharge of \$10 for postage is added.

The membership year is from January to December and you may pay up to three years in advance.

Life Membership is \$200

Financial members can receive one copy of the book "Attracting Butterflies to Your Garden" at a discount of \$5".

Membership can now be renewed via the website using a credit card over a secure platform provided by the Australia Post SecurePay service. Members can still join or renew via conventional means such as EFT or cheque, and then supplying your details to the Membership Officer/Treasurer.

Hello members. It is my pleasure to tell you a bit about myself and why I am a member of the Butterfly Conservation SA Inc.

I joined in 2009 after David Keane sold me a book membership deal at the Mt Pleasant Show and I have enjoyed the work of Butterfly Conservation SA (BCSA) since then. I have been involved in Landcare for over 25 years and, being a part of an organisation that advocates for the protection and enhancement of butterflies, moths and other insects, is an essential part of caring for our land.

Over the last few years I have been part of the Management Committee and, as Publications Officer, I have been involved in the preparation for publication of the Moth and Spider posters and the Butterfly Plant Tags.

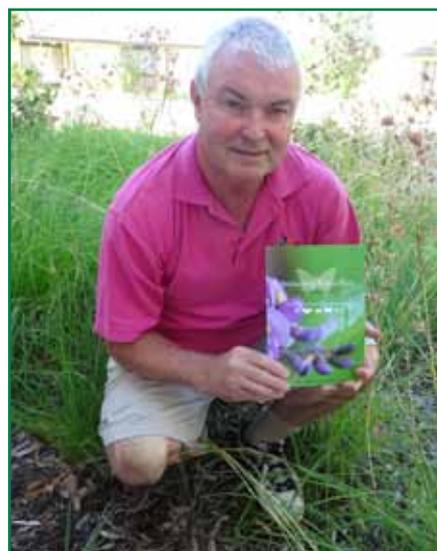
In 2016 the publication of the 2<sup>nd</sup> Edition of the BCSA's flagship 'Attracting Butterflies to your Garden – What to Grow and Conserve in the Adelaide Region', by Hunt, Grund, Keane and Forrest was an exciting activity. This project is very important for BCSA and I am proud to be part of the Committee making such a good publication available to the community.

Whilst I am busy with my Landcare activities, including the preparation for the 2017 State Community Landcare Conference to be held in Clare in September this year, it is still very important to be involved with the BCSA.

I find that one of the best ways to be involved, is through representing BCSA at the Events and Public Talks, where we have contact with the general public and BCSA members.

I look forward to meeting more members this year and I hope that you will join with me in celebrating our unique biodiversity.

Cheers, Gerry.



**MEMBER PROFILE**  
**Andreas Alexandrou, West Beach.**

Hello fellow Butterfly Association members, I have been asked to introduce myself in this Member Profile and I will keep it brief.

I joined the Butterfly Conservation SA in 2015 because I am passionate about the environment and know that if we don't have butterflies, birds and bees we will be in serious trouble. We need the birds and insects to pollinate our trees and vegetables and provide food for other animals.

Not long after I planted my front yard out to a variety of host plants for butterflies and the butterflies arrived. I have now seen 7 different species of local butterflies, laying eggs, growing into caterpillars and then pupating and emerging as adult butterflies.

The species I have seen at my garden in West Beach are: Meadow Argus, Australian Admiral, Caper White, Common Grass-blue, Southern Grass-dart, Dainty Swallowtail, Wanderer and the Australian Painted Lady. I am proudly displaying my Butterfly Site sign in my front yard for all to see.



Andreas in his Butterfly Site garden at West Beach. Photo: Gerry Butler

I have been able to promote the Butterfly Conservation SA association through my work as a builder and real estate agent and have now sold over 20 copies of the 2<sup>nd</sup> edition of 'Attracting Butterflies to Your Garden', to gardeners and other environmentally aware people.

When I meet people in our community I discuss the importance of butterflies to our environment, especially when I help people renovate their home or garden, or when they plan to sell their property.

Over the last year I have been advertising my services through the association's Quarterly newsletter and the regular emails that are sent out to members and other contacts.

This year I have agreed to donate to the Butterfly Association \$500 from my commission, for the sale of each property that comes as a referral from the Butterfly Association of SA membership.

So please help the association and the environment by referring your real estate sales opportunities to me on 0412 088 478.

**MORE FORUM IMAGES**



Left: Andrew Lines and John Wilson inspect the Wanderer caterpillars.

Below: Members eagerly awaiting the next question in the Mini-Quiz.

Photos: Gerry Butler



**NEW WEBSITE**

On page 10 Gerry Butler has written about the features of our exciting new website.

To those of you who were involved in the South Australian Museum 'Butterfly Watch' program, the **A4 Identification pages** and the 'Butterfly Challenge' developed for the Museum website as part of the "Bringing back the Butterflies" exhibition you will be pleased to know now this material will be incorporated into our new site.

Thanks go to all involved in this project especially Gerry Butler for his work this year in ensuring that all the information is available and accessible, and for coping with a myriad of set up problems to ensure all goes smoothly.

Also thanks to the original sub-committee especially John Wilson and David Keane and to previous web-master Trevor Rowe who first had to learn what a website was before he personally set it up. We have come a long way since those times!

Please forward your thoughts and comments to Gerry or myself on the new site and show it to your family and friends for their comments. All feedback will be very welcome.

*Jan Forrest, Secretary*

**NEW WEBSITE - [www.butterflyconservationsa.net.au](http://www.butterflyconservationsa.net.au)**

After many months of work by our web design contractor Klik Advertising, progressive reviews by committee members and the recent live testing by the Butterfly Conservation SA (BCSA) Management Committee, the new website is ready for use by the membership and general public.

The brief was to take all the work that the subcommittee of Jan Forrest, David Keane and John Wilson had done and turn it into a 21<sup>st</sup> Century website, able to be viewed on both PC and portable devices such as tablets and smartphones.

A key part of the website is the IDENTIFY function where the user can search the database of butterflies by colour and other distinguishing features.

On the EVENTS page the Public Talks and any other events that the association runs, will have a Google Map link to show the location of the venue.

For the first time users will be able to purchase Butterfly Conservation SA merchandise in the online SHOP and join or renew membership of BCSA using a credit card.

Using a Wordpress platform the pages will be easily updated by the Committee and we would like to invite members to submit content for the website pages and also for the social media pages which will be linked to the site.

Consistent with the wishes of the BCSA committee and the membership the main URL for the website will now be [www.butterflyconservationsa.net.au](http://www.butterflyconservationsa.net.au) but the use of the URL [www.butterflygardening.net.au](http://www.butterflygardening.net.au) will still get you to the website through the BCSA's book page.

The Committee would appreciate any comments about the website, especially across the first few months of being live to the public. Comments can be sent to Gerry Butler on [publications@butterflygardening.net.au](mailto:publications@butterflygardening.net.au) or call 0407972149.

**NAME BADGES**

A one-off order of Butterfly Conservation SA Name badges will be made for members during February for use at our Public Talks Program and when looking after our stall at Sophie's Patch, the APS show, Shows etc.

There are two fastening options:

- magnet at the back. **Cost \$12** each (if collected), if posted add **\$3.50 TOTAL \$15.50** each.
- pin at the back. **Cost \$10** each (if collected) if posted add **\$3.50 TOTAL \$13.50** each.

The top is moulded plastic with the Butterfly Conservation SA logo alongside your name as shown below.

Post or email the information below to Secretary Jan Forrest (see back page for contact details) along with your cheque/money order by Friday 24th February, 2017 to order your name badge. If paying by direct debit please refer to back page for information and indicate who and what the money is for.

**NAME TO GO ON THE BADGE (please print) :** .....

Badge to be posted to: Name ..... or - I will collect at the Public Talks Program

Address: .....

I enclose \$ ..... for one badge with a (pin at the back / magnet at the back). (please cross out not applicable) plus postage. If you would like to collect your badge at the Public Talks program leave off the postage cost and circle the "I will collect" note above.

Please provide a form or separate information for each badge order.



# Order Form for Butterfly Conservation SA Polo Shirts

Please lodge order form to Secretary Jan Forrest, C/- SA Museum or [secretary@butterflygardening.net.au](mailto:secretary@butterflygardening.net.au) by 24<sup>th</sup> February, 2017. (allow 4 weeks delivery)



## MENS CREW POLO - P400MS

FABRIC 65% Polyester, 35% Cotton Pique 210 GSM  
 UPF rating - Very Good (light colours), Excellent (dark colours)  
 FEATURES Durable top-stitched armhole and twin needle sleeve/hem;  
 Knitted flat collar for sleek appearance; Loose pocket included  
 COLOURS: Grey Marle, Cyan, Teal, Fuchsia, Red, Orange, Gold.  
 GARMENT SIZES and MEASUREMENTS

TWO logo variations are available:

Rust or Green stem

Measurement	S	M	L	XL	2XL	3XL	5XL
Garment Half Chest (cm)	52	55	58	62	65	71	79

## LADIES CREW POLO P400LS

FABRIC 65% Polyester, 35% Cotton Pique 210 GSM  
 UPF rating - Very Good (light colours), Excellent (dark colours)  
 FEATURES Durable top-stitched armhole and twin needle sleeve/hem;  
 Knitted flat collar for sleek appearance; Fashionable Y-placket  
 COLOURS: Cyan, Kelly Green, Fuchsia, Red, Orange, White.  
 GARMENT SIZES and MEASUREMENTS

TWO logo variations are available:

Rust or Green stem

Measurement	8	10	12	14	16	18	20	22	24
Garment Half Chest (cm)	46.5	49	51.5	54	56.5	59	62	65	68

SIZE GUIDE CAN BE DOWNLOADED <http://www.bizcollection.com.au/products/p400ms> or [/p400ls](http://www.bizcollection.com.au/products/p400ls)  
 ONLY lighter colours given. The logo has black writing so does not show up well on dark colours.

**PLEASE CIRCLE REQUIREMENTS – TYPE / SIZE / SHIRT COLOUR / LOGO VARIATION COLOUR.**  
 If you wish to collect your new shirt at the Public Talks Program do not include postage. YES/NO

**COSTS:** Polo Shirt plus Embroidered Logo **\$32.00** PLUS Postage \$10.00 **TOTAL**  
 Alteration – sew pockets (men's only has supplied pocket) \$4.50 **ENCLOSED \$ \_\_\_\_\_**  
 Embroidery on own garment supplied \$11.00 (you will need to take your garment to Marino Monograms Pty. Ltd., 861 South Road, Clarence Gardens and then collect it).  
 Children's shirts are also available – refer to Biz Collection website. BIZ-P400KS

### Your details:

Contact person name:	Contact phone number:
Email: (please print)	
Postal address for delivery:	
	Postcode:

### Payment options:

#### Cheque Payment:

Cheques made out to: **Butterfly Conservation SA Inc.**  
 and posted to: Butterfly Conservation SA Inc.,  
 C/- South Australian Museum,  
 North Terrace,  
 ADELAIDE, 5000, SOUTH AUSTRALIA

**Do you require a receipt? Yes / No**

#### EFT Payment:

BSB: 633000  
 Account No: 152785838  
 Account Name: Butterfly Conservation SA Inc.  
 Bank: Bendigo Bank

Please email Treasurer with name and transaction details  
 to: [treasurer@butterflygardening.net.au](mailto:treasurer@butterflygardening.net.au).

Butterfly Conservation SA is a not for profit organisation and as such we are not registered to collect GST. We have already paid GST as an end user.  
**PLEASE LODGE FORM WITH SECRETARY JAN FORREST C/- SA Museum or [secretary@butterflygardening.net.au](mailto:secretary@butterflygardening.net.au) BY 24<sup>th</sup> February, 2017.**

## SELLING YOUR HOME?

Call Andreas on 0412 088 478

-  **FREE** home appraisal!
-  **FREE** pre-sale renovation tips to enhance the value of your home!
-  **25 years** in renovations and selling. BLD181288
-  **Specialising** in selling. RLA256447

Email: andreas@michaelkris.com



Proud sponsor of BCSA

## WELCOME TO NEW MEMBERS:

Brett Oakes  
Deirdre Travers  
Barbara Lewis  
Nina Towsty  
Sue Cullen  
Kimberley Dowling  
Adelaide West Uniting Church  
Jeff Gilham  
Stuart Snyder  
Helen Johnson  
Lindsay Biggins  
Jayne Wilson  
Tess Rex  
Anthea Rowe  
Paula Arnold  
Debbie Mahar  
Helen Beaumont  
Renata Sukys  
Pam Barnett  
Petra Hanke  
Maria Kassapidis  
Andrew Whitson  
Charlotte Miller



# KONICA MINOLTA

Thanks to Chris Lane and Konica Minolta for their generosity in printing the BCSA newsletter.

Konica Minolta is a Landcare Australia National Partner

### A note about EMAIL

The committee acknowledges that some members prefer to receive their newsletter by mail (and pay extra for this).

If you are one of these members but do have an email address please provide it to the membership officer John Wilson to receive a reminder for the upcoming Public Talk and the occasional opportunisticly planned excursion or other event.



Butterfly Site

[www.butterflygardening.net.au](http://www.butterflygardening.net.au)

## BUTTERFLY CONSERVATION SA Inc.

C/- South Australian Museum, North Terrace, ADELAIDE, 5000  
Email: [info@butterflygardening.net.au](mailto:info@butterflygardening.net.au)  
Chairman: Mike Moore, [chairman@butterflygardening.net.au](mailto:chairman@butterflygardening.net.au)  
Secretary and Newsletter editor: Jan Forrest OAM, ph H (08) 8297 8230.  
email: [secretary@butterflygardening.net.au](mailto:secretary@butterflygardening.net.au)  
Treasurer and Membership Officer: John Wilson [treasurer@butterflygardening.net.au](mailto:treasurer@butterflygardening.net.au)  
Committee: Andrew Lines, Gerry Butler (Publications) - [publications@butterflygardening.net.au](mailto:publications@butterflygardening.net.au), David Keane, Gil Hollamby, Lorraine Woodcock, Bernadette Johnson, Linda Shmith, Andrew Walters, Erin Fagan-Jeffries and Bryan Haywood (endangered species advocate). Consultants: Roger Grund and Peter McQuillan.  
Public Officer: Beth Keane

## DIARY DATES

**COMMITTEE MEETINGS** - Meetings are normally held bi-monthly (usually the second Monday of the month) at 6.00pm at a committee member's home. All members are welcome to attend. If you would like to attend please contact Secretary, Jan Forrest.

**PUBLIC TALKS PROGRAM 2016:** first Tuesday March - November, Clarence Park Community Centre 6.15pm for a 6.30pm start to 8.30pm.

**Next talk: 7th March: the Nature of SA Project.** Discover how a new way forward for nature conservation in South Australia is being developed. DEWNR representative Jody Gates will inform the audience about the consultation process that has been going on over the last 12 months.

## WEB SITES

**BCSA official website - Butterfly Gardening** - [www.butterflygardening.net.au](http://www.butterflygardening.net.au)  
**South Australian Butterflies** (R Grund private site) - <http://www.sabutterflies.org.au> (has been off-line however Roger assures us that it will be back on-line very soon)  
**NRM Education** - <http://www.naturalresources.sa.gov.au/adelaidemtloftyranges/home> 'Get involved' - 'Education' - for students, **school monitoring activities** / for educators. See also other regional NRM Education sites

## MEMBERSHIP RENEWALS ARE NOW DUE

It is important to renew your membership as this helps to fund our work in conservation of Lepidoptera and the broader ecosystem, and in development of books, posters and other educational materials. If paying by cheque, please write cheque to Butterfly Conservation SA Inc & forward to: Treasurer, Butterfly Conservation SA Inc., 12 George Street, HAWTHORN SA 5062

If paying by EFT, please email Treasurer: [treasurer@butterflyconservation.net.au](mailto:treasurer@butterflyconservation.net.au) BSB 633-000 Account No: 152785838 Account Name: Butterfly Conservation SA Inc.

