

BUTTERFLY CONSERVATION SA INC.

Founded 25th July 1998 Adelaide, South Australia.

# NEWSLETTER

No. 84: May 2023



**THERE ARE OVER 70 DIFFERENT PLANT  
SPECIES IN THE SOUTH PARK LANDS  
INCLUDING MIRNU WIRRA PARK & WEST.**

**THIS NATIVE SPECIES THE  
PINK OR BLUSHING CONVULVULUS**

*(Convolvulus angustissimus)*

**IS RARELY FOUND ON THE  
ADELAIDE PLAINS.**



## IN THIS ISSUE

- Rare native 'Blushing Bind-weed' in Mirnu Wirra Park 21W in the Adelaide Park Lands.
- Contacts, Diary dates, web sites and membership.
- It's not just the butterfly we will lose. APS letter.
- APS response to Minister.
- Artist impression of the proposed Police complex and map.
- Chequered Copper update.
- Biological Survey of Adelaide Park Lands 2023 - spiders.
- 25 years who's who?
- Items for sale.
- Public talks program 2023.
- Guest speakers June, July and August.
- 25th anniversary glasses?
- Are we at a crossroads?
- Constitution - management.
- Please think about volunteering for a position.
- Photographic competition.
- What's for sale?
- Herding caterpillars at FMX conference in Germany.

## WELCOME TO NEW MEMBERS

Anne Veitch  
Gary Phillpott



BCSA thanks Konica Minolta for their generous support to BCSA.  
Konica Minolta is a Landcare Australia National Partner  
Cover photo: Ken Hurley.

## BUTTERFLY CONSERVATION SA Inc.

An affiliated organisation of the South Australian Museum. Friends of Parks and Landcare Association of South Australia.

Postal Address; PO Box 4, DAW PARK 5041 South Australia

Email: [info@butterflyconservationsa.net.au](mailto:info@butterflyconservationsa.net.au)

Chairman: Gerry Butler - [chairman@butterflyconservationsa.net.au](mailto:chairman@butterflyconservationsa.net.au) 0407972149

Acting Secretary: Jan Forrest OAM - [secretary@butterflyconservationsa.net.au](mailto:secretary@butterflyconservationsa.net.au)

Interim Treasurer: Karen Rodda - [treasurer@butterflyconservationsa.net.au](mailto:treasurer@butterflyconservationsa.net.au)

Membership: Gil Hollamby - [membership@butterflyconservation.sa.net](mailto:membership@butterflyconservation.sa.net)

Newsletter Editor and Public Talks Convener: Jan Forrest OAM

- [editor@butterflyconservationsa.net.au](mailto:editor@butterflyconservationsa.net.au) 0419990430

Book sales: Sarah Macdonald - [publications@butterflyconservationsa.net.au](mailto:publications@butterflyconservationsa.net.au)

Website: Lionel Edwards - [web@butterflyconservationsa.net.au](mailto:web@butterflyconservationsa.net.au)

Committee: Bernadette Johnson, Bryan Haywood (endangered species advocate),

Mike Moore, Ann Winter.

On-line sales: Pushpa Osborne - [onlineorders@butterflyconservationsa.net.au](mailto:onlineorders@butterflyconservationsa.net.au)

Friends of the Chequered Copper Butterfly *Lucia limbaria* - co-ordinator Gerry Butler.

Newsletter Proofreader and Editor - Judith Lydeamore

Consultants: Roger Grund OAM and Dr. 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 Chairman Gerry Butler on 0407972149.

**PUBLIC TALKS PROGRAM 2023:** first Tuesday March – November, at the Plympton Community Centre, 34 Long Street, Plympton, 6.15pm for a 6.30pm start to 8.30pm. with an option for some talks to be viewed via Zoom. Please watch your email for information regarding public talks, or visit <https://butterflyconservationsa.net.au/events/list/> at any time.

**NEXT TALK: 6th June: *Planning your garden.*** Presented by Horticulturalist and Landscape designer Annette Burmeister.

## WEB SITES

**BCSA official website: Butterfly Conservation SA -** <https://butterflyconservationsa.net.au/>

**South Australian Butterflies and Moths:** <https://sabutterflies.org.au/home/>

**YouTube:** [https://www.youtube.com/channel/UC3LZ9HPH1-DIH-01YIObkiA?view\\_as=subscriber](https://www.youtube.com/channel/UC3LZ9HPH1-DIH-01YIObkiA?view_as=subscriber)

**Butterflies Australia** <https://www.butterflies.org.au/external/home>

**Moths and Butterflies Australasia Inc. (MABA):** <https://maba.org.au/>

## MEMBERSHIP ENQUIRIES:

[membership@butterflyconservationsa.net.au](mailto:membership@butterflyconservationsa.net.au) or online:

[www.butterflyconservationsa.net.au/product/become-a-member/](http://www.butterflyconservationsa.net.au/product/become-a-member/)

### Membership payments:

\$10pa - plus \$10 for a mailed newsletter:

to Treasurer: PO Box 4, DAW PARK 5041.

### 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 EFT:

[treasurer@butterflyconservationsa.net.au](mailto:treasurer@butterflyconservationsa.net.au)

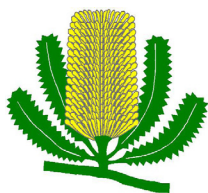
with name, amount and item.



<https://www.facebook.com/ButterflyConservationSA/>

## IT'S NOT JUST THE BUTTERFLY WE WILL LOSE

Below is a letter to Ministers for Climate, Environment, Water, Planning, Police, Emergency Services and Correctional Services by Dr. David Lindley, Conservation and Biodiversity Officer, Australian Plants Society. (SA Region). In his letter David provides information to the Ministers regarding the special place in our history that this park provides. It is a living example of the historic Black Forest. He says **"this government has no economic justification for destroying Mirnu Wirra, and nor can it claim ignorance of the environmental consequences"**.



**AUSTRALIAN PLANTS SOCIETY**  
(South Australian Region) Inc.

ABN 18 180 353 005

PO Box 304  
UNLEY SA 5061

To: Hon Susan Close, Minister for Climate, Environment and Water.  
Hon Nick Champion, Minister for Planning.  
Hon Joe Szakacs, Minister for Police, Emergency Services and Correctional Services.

**Re: Proposed relocation of the Police Mounted Operations Unit to *Mirnu Wirra* (Golden Wattle Park)**

Dear Minister Close, Minister Champion, and Minister Szakacs.

I write on behalf of the Australian Plants Society (SA Region) (<https://www.australianplantssa.asn.au/>). One of the Society's aims is *to support or initiate efforts to protect Australian plants and their habitats*. It is in this context that the Society opposes the Government's proposed relocation of the Police Mounted Operations Unit to *Mirnu Wirra* in the South Parklands.

*Mirnu Wirra* is part of an area that the first European settlers called the Black Forest. The Black Forest comprised approximately 50 square kilometres extending south of the River Torrens and west of the Adelaide Hills. The first two governors of South Australia, Captain John Hindmarsh (1836-38) and Lieutenant Colonel George Gawler (1838-41), brought the early colony near to bankruptcy. The third Governor, Captain George Grey (1841-45) sought to relieve the crisis through, in large part, intensive development of land for settlement and agriculture. Grey's strategy, which continued under subsequent governors and governments, resulted in loss of most indigenous plant species from the historical Black Forest, and widespread environmental degradation. By 1886, 50 years after first European settlement, the Black Forest had effectively ceased to exist.

[Significant is that it was the discovery of copper in Kapunda (1842) and Burra (1845) that solved the Colony's economic woes, not Governor Grey's land development strategy.]

The Kaurna people managed the area of the historical Black Forest sustainably for tens of thousands of years. The area, possibly, had the greatest biodiversity of anywhere in South Australia. It was more densely wooded than other parts of the Adelaide Plains and, with no concrete drains to channel winter rains, was relatively wet. There is evidence suggesting that over 300 plant species might have grown in the historical Black Forest, and it is possible the actual number was much greater. Most of the species are now rare or gone entirely from the area.

*Mirnu Wirra*, as it is today, is the product of thousands of hours of regeneration work by *Bush for Life* volunteers. It is the closest example we have in the area to the historical Black Forest. Nowhere else can we find the breadth of indigenous biodiversity, managed for millennia by the traditional owners, yet destroyed within decades by Governor Grey and his successors.

Relocation of the Police Mounted Operations Unit to *Mirnu Wirra* will be a repetition of history. As with Governor Grey's strategy, the plans of the present government will result in destruction of indigenous plant communities and further reduction of local biodiversity. Unlike Governor Grey however, whose actions were a consequence of ignorance and perhaps desperation, this government has no economic justification for destroying *Mirnu Wirra*, and nor can it claim ignorance of the environmental consequences.

On behalf of the Australian Plants Society (SA Region), I beg the Government *not* to relocate the Police Mounted Operations Unit to *Mirnu Wirra*. We encourage it, instead, to consider previously developed sites, such as the old Keswick Barracks, which I understand will soon be available for redevelopment.

Yours sincerely,

David Lindley PhD  
Conservation and Biodiversity Officer  
Australian Plants Society (SA Region).

To: Hon Joe Szakacs, Minister for Police, Emergency Services and Correctional Services.

CC: Hon Susan Close, Minister for Climate, Environment and Water.

Dear Minister Szakacs.

I received your response (below) to my letter of 13 April (attached) written on behalf of the *Australian Plants Society (SA Region)*.

I note that you "... welcome the advocacy and information provided by the community and groups like Trees for Life and the Adelaide Park Lands Association ...". *Trees for Life* and the *Adelaide Park Lands Association* are excellent organisations, as are groups such as *Birds SA* and *Butterfly Conservation SA*, all of which, like the *Australian Plants Society*, volubly oppose your proposed destruction of *Mirnu Wirra*. However, these groups do not have exactly the same perspective as the *Australian Plants Society*.

I therefore request that you consider the contribution of the *Australian Plants Society* in your decision-making. In particular, as explained in my letter, I ask that you recognise the parallel in your situation to that of Governor George Grey who, in 1841, also had legal responsibility for *Mirnu Wirra* within the area of historical Black Forest of the Adelaide Plains ('legal', that is, if you ignore the dispossession of its traditional owners). In the case of Governor Grey, the consequences of his decisions were environmentally catastrophic, and I fear that you seem destined to make the same mistake. I fear that your legacy will, like Governor Grey's, be one of desecration and unnecessary destruction. Unlike Governor Grey however, you will be unable to claim ignorance as a defence.

Furthermore, I note that you say "... any activity undertaken during the establishment of new facilities will seek to minimise the visual and physical impact in the area [and that] the Government will be working to return further green spaces to the Park Lands, like the old netball courts at Edwards Park". These aspirations come not even close to compensating for the loss of *Mirnu Wirra*. They demonstrate that you fail to appreciate even the essence, much less the detail, of our concerns. We are not concerned by visual impact, we are concerned by the environmental vandalism you are proposing, and that you are prepared to trash thousands of hours of work invested by concerned volunteers and members of the general public. Inferring that further green spaces justify the destruction of regenerated ecosystems is like arguing that a plastic doll is a reasonable substitute for a living human being.

I beg that you *truly* listen to groups such as the *Australian Plants Society*, *Trees for Life*, the *Adelaide Park Lands Association*, *Birds SA* and *Butterfly Conservation SA*, and put an immediate end to the proposed relocation of the Police Mounted Operations Unit to *Mirnu Wirra*.

Yours sincerely,  
David Lindley PhD  
Conservation and Biodiversity Officer  
Australian Plants Society (SA Region).

ps: as with our letter, copies of this email will be distributed to other interested parties and stakeholders in *Mirnu Wirra*.

On 21/04/2023 11:39 am, MinisterSzakacs wrote:  
OFFICIAL

Dear Mr Lindley

Thank you for writing about the South Australia Police's (SAPOL) preferred new home for the much-loved police greys.

The site was chosen by SAPOL as the safest and most suitable site for the Mounted Operations Unit, out of a range of potential parklands and commercial sites. This was due to its close proximity to the CBD, easy access and optimal environment for horses.

Further detailed design and scoping analyses will now be undertaken by the State Government, to finalise project costs and timelines, before a final decision is made.

Consideration of the possible environmental impact and biodiversity forms part of this analyses and we welcome the advocacy and information provided by the community and groups like Trees for Life and the Adelaide Park Lands Association for consideration as part of this process.

Under the New Women's and Children's Hospital Act 2022, any site within the Park Lands may only be used for the purposes of SAPOL's Mounted Operations Unit.



If it proceeds, any activity undertaken during the establishment of new facilities will seek to minimise the visual and physical impact in the area. In addition, the Government will be working to return further green spaces to the Park Lands, like the old netball courts at Edwards Park.

Kind regards

Office of the Hon Joe Szakacs MP  
Minister for Police, Emergency Services and Correctional Services  
T: (08) 8303 0670 | PO Box 6446, Halifax Street ADELAIDE SA 5000 | E:  
[MinisterSzakacs@sa.gov.au](mailto:MinisterSzakacs@sa.gov.au)



Mirnu Wirra vegetation 2007 versus 2023. This is what 15 plus years of volunteer revegetation by members of Trees for Life looks like. Below leaked plans show the 8 ha required for the Police Mounted operations on Mirnu Wirra Park 21W.



SOURCE Adelaide Parklands Association website, <https://www.adelaide-parklands.asn.au/blog/2023/4/21/leaked-images-of-sapol-compound-in-your-park>: Artist's impression of new SAPOL barracks, fencing off your Open Green Public Golden Wattle Park / Mirnu Wirra (Park 21W).

The eight hectares demanded by SA Police would be an area larger than the Adelaide Oval stadium; equivalent to 200 suburban house blocks. The fencing around the compound would be more than a kilometre long.

### Chequered Copper Butterfly *Lucia limbaria* - update

It is interesting to note that in a 2003 survey of the Adelaide Park Lands Roger Grund stated that the Chequered Copper butterfly *Lucia limbaria* **is now unlikely to occur in the parklands.**

Twenty years later in May 2023 two more sightings were made in Mirnu Wirra Park 21W and the Adelaide Park Lands now have three colonies of this rare and locally vulnerable species.

We had known this species had been recorded in the south parklands for some time however as Pakapanthi Park 16

has such a high profile with signage and visitors we have not promoted the location of the other two known sites in the parklands as a security measure in case something happened to the colonies in Park 16.

Unfortunately the few other colonies currently recorded on the Adelaide plains are locally vulnerable as many of them have been found on kerbs and in private yards.

Please continue to write to the Government and write/call you local member of Parliament expressing your concerns. See April newsletter for contact details.



# A BIOLOGICAL SURVEY OF THE ADELAIDE PARK LANDS SOUTH AUSTRALIA IN 2003

M. Long

Biological Survey and Monitoring Science and Conservation Directorate, Department for Environment and Heritage, South Australia.

## Spiders

Records of spiders from the Adelaide area were compiled by Mr D. Hirst from the SA Museum, and are listed in Table 16 with habitat comments provided. The two main

groupings of spiders found in the Park Lands are Mygalomorphae and Araneomorphae. Mygalomorphae are spiders that must raise the front part of the body prior to striking in order to allow the fangs to drop down readily into the prey. They are primitive spiders, and possess two pairs of book-lungs. All live in burrows, some make trapdoors (D. Hirst pers. comm. 2003). The second group is Araneomorphae, which is the modern group of spiders. They have one pair of book-lungs and the spider bites pincer-like without having to lift their body. Some live in burrows, for example, the Wolf Spiders (*Venatrix* sp.) (Figure 95) or spin webs, to snare prey. Others have evolved as active hunters searching for prey on the ground or on vegetation (D. Hirst pers. comm. 2003).

Editor note: This biological survey was undertaken in 2003. The table below lists 42 species of spiders found in the Adelaide Park Lands at that time.

With an increase of plants by Trees for Life volunteers over the last 15 plus years on Mirnu Wirra it is fair to assume that a majority of these species are now found in Park 21 West and should a survey be conducted today there is a possibility that more species would be found.

**Table 16.**  
**Spider species recorded in the Adelaide area**  
(Source: SA Museum, D. Hirst)

Species	Common Name	Family	Habitat
		<b>MYGALOMORPHAE</b>	
<i>Hadronyche adalaidensis</i>	Adelaide Funnelweb	HEXATHELIDAE	burrows in undisturbed areas
<i>Blakistonia aurea</i>	Adelaide Trapdoor	IDIOPIDAE	burrows in undisturbed areas
? <i>Misgolas</i> sp.		IDIOPIDAE	burrows in undisturbed areas
<i>Anane</i> sp.		NEMESIIDAE	burrows in undisturbed areas
<i>Stanwellia</i> sp.		NEMESIIDAE	burrows in undisturbed areas
		<b>ARANEOMORPHAE</b>	
<i>Wandella murrayensis</i>		FILISTATIDAE	under bark/ stones
<i>Oecobius navis</i>		OECOBIDAE	walls of buildings
<i>Dysdera crocata</i>	Slater Eater	DYSDERIDAE	under rocks
<i>Pholcus phalangioides</i>	Daddy-Long-Legs	PHOLCIDAE	buildings
<i>Badumna insignis</i>	Black House Spider	DESIDAE	trees, rockeries, buildings
<i>Clubiona robusta</i>	Sac Spider	CLUBIONIDAE	under bark of trees
<i>Clubiona</i> sp. 2	Sac Spider	CLUBIONIDAE	under bark of trees
<i>Clubiona</i> sp. 3	Sac Spider	CLUBIONIDAE	under bark of trees
<i>Pentasteron intermedium</i>	Spotted Ant Spider	ZODARIIDAE	garden situations
? <i>Asteron</i> sp.	Spotted Ant Spider	ZODARIIDAE	garden situations
<i>Lycosa leuckartii</i>	Wolf Spider	LYCOSIDAE	less disturbed grassy areas
<i>Artoria</i> sp. 2	Wolf Spider	LYCOSIDAE	gardens, lawns
<i>Venatrix pseudospeciosa</i>	Wolf Spider	LYCOSIDAE	gardens, lawns
<i>Hemicloea</i> sp.	Flat Rock Spider	GNAPHOSIDAE	under bark of trees
? <i>genus</i> sp. 2	Ground Spider	GNAPHOSIDAE	often under bark of trees
? <i>genus</i> sp. 3	Ground Spider	GNAPHOSIDAE	often under bark of trees, rocks
<i>Lampona cylindrata</i>	White-Tailed Spider	LAMPONIDAE	trees, rockeries, buildings
<i>Supunna picta</i>	Fast Spotted Ground Spider	CORINNIDAE	on ground, walls
<i>Breda jovialis</i>	Jumping Spider	SALTICIDAE	trees, buildings
<i>Clynnotis severus</i>	Jumping Spider	SALTICIDAE	trees, buildings
<i>Lycidas</i> sp. 1	Jumping Spider	SALTICIDAE	garden situations
<i>Lycidas</i> sp. 2	Jumping Spider	SALTICIDAE	garden situations
<i>Myrmarachne bicolor</i> ?	Jumping Spider	SALTICIDAE	trees
<i>Servaea vestita</i>	Jumping Spider	SALTICIDAE	trees
<i>Sondra</i> sp.	Jumping Spider	SALTICIDAE	garden situations
<i>Isopedella leai</i>	Common Grey Huntsman	SPARASSIDAE	trees, buildings
<i>Sidymella trapezia</i>	Flower Spider	THOMISIDAE	garden situations
<i>Achaeareanea veruculata</i>	Tangle-Web Weaver	THERIDIIDAE	garden situations, bushes or trees
<i>Achaeareanea</i> sp.	Grey House Spider		usually only in buildings, man made structures
<i>Diploea</i> sp.	Tangle-Web Weaver	THERIDIIDAE	garden situations
<i>Latrodectus hasselti</i>	Redback	THERIDIIDAE	any crevices close to ground, pots, rocks
<i>Steatoda capensis</i>	Cupboard Spider	THERIDIIDAE	any crevices close to ground, pots, rocks
<i>Theridion</i> sp.	Tangle-Web Weaver	THERIDIIDAE	vegetation
<i>Eriophora biapicata</i>	Common Garden Orb-Weaver	ARANEIDAE	webs between buildings, bushes or trees
<i>Phonognatha graeffei</i>	Leaf-Curling Spider	TETRAGNATHIDAE	low vegetation
<i>Tetragnatha</i> sp.	Long-Jawed Spiders	TETRAGNATHIDAE	moist garden situations, often near or over water
<i>Erigone prominens</i>	Midget Spiders	LINYPHIIDAE	moist garden situations, under rocks
<i>Ostearius melanopygius</i>	Midget Spiders	LINYPHIIDAE	moist garden situations, under rocks



Photo D.Hirst: Jumping spider *Breda jovialis*.



Photo D.Hirst: Garden orb weaver spider *Eriophora biapicata*.



Photo N.Birks: Adelaide Trapdoor spider. *Blakistonia aurea*.



Photo D.Hirst: Wolf spider *Lycosa leuckartii*.



Photo D.Hirst: Flower spider *Sidymella trapezia*.



**BUTTERFLY CONSERVATION SA.  
INC. — 25 years Who's Who?****Chairpeople**

\*Beth Rostrum  
 \*David Keane  
 \*Roger Grund  
 \*Mike Moore  
 \*Jan Forrest OAM  
 Gerry Butler

**Treasurers**

David Keane  
 Lois Hasenohr  
 Mike Moore  
 John Wilson  
 Dianne Lynch  
 Dan Daneshi  
 Karen Rodda

**Secretaries**

Jan Forrest OAM  
 Brett Oakes  
 Sukhpreet Singh Bala

**Committee members**

(not listed above)

\*Marcus Pickett  
 \*Lindsay Hunt  
 \*Bob Fisher OAM  
 Trevor Rowe  
 Bob Edge  
 John Hunwick  
 Jill Davy  
 Gil Hollamby  
 Andrew Walters  
 Maria Johns  
 Kevin Parkin  
 Rowan Moore  
 Lionel Edwards  
 Erin Fagan-Jeffries  
 Bryan Haywood  
 Vanessa Duran  
 Andrew Lines  
 Bernadette Johnson  
 Sarah Macdonald  
 Anne Frodsham  
 Ann Winter

\*founding members

**ITEMS FOR SALE****C & A Scientific Premiere Stereo Zoom Microscope Model SMZ-05**

Variable zoom

**Package includes:**

Microscope  
 2x eyepiece WF 10x/20  
 2x eyepiece shield  
 Glass stage opaque  
 Glass stage black  
 Built in top light with variable light control  
 Built in bottom light with variable light control  
 Manual for microscope

USB digital microscope eyepiece  
 Manual for microscope eyepiece  
 CD associated with the above.

**Leitz Stereo Microscope, light and transformer.****Package includes:**

Microscope  
 12x objective  
 2x objective  
 Side arm rests  
 Glass stage opaque  
 Glass stage black  
 Eye pieces: 12.5, 18x, 8x  
 Wooden storage box  
 Light and transformer

If you would like to view these items and/or submit a bid, please contact Jan Forrest via email: [secretary@butterflyconservationsa.net.au](mailto:secretary@butterflyconservationsa.net.au). Bids close on 30th June. If you wish to be notified of a bid higher than yours please advise Jan at the time of placing your bid. If bids do not reach the reserve we may withdraw and place these items on marketplace.

Various sized **wooden setting boards** with cork tops are available for no cost, contact Jan at the email above if you are interested.

## PUBLIC TALKS PROGRAM 2023

Butterfly Conservation  
South Australia Inc.

presents the thirteenth

PUBLIC TALKS  
PROGRAM 2023On the first Tuesday of the month March to  
November at 6.15pm for a prompt 6.30pm start.

## At the Plympton Community Centre

34 Long Street, Plympton.

(200 metres E of Marion Rd, and 300 metres N of Anzac Highway).

## Public transport options for Plympton include:

## Bus from the city via Anzac Highway.

Routes: 245, 248, 262, 263, 265, M44, N262.

Closest stop is Stop 9, then approximately 350 metre walk  
along Long Street.

## Bus from the city via Marion Road.

Routes 100, 101, H20. Closest stop is Stop 10 (east side is  
approximately 100 metres south of Long Street). Stop 10  
(west side is on the other side of Moringie Ave.  
approx. 100 metres north of Long Street). Then approx.  
250 metre walk along Long Street.

Entry by donation (minimum of \$5).

## Bookings not required

Please bring supper to share.

Bring your own cup, 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.  
**DON'T FORGET TO BYO CUP.**Photo Robert H. Fisher: Rayed Blue butterfly *Candalides heathi*

**6th June: Planning your garden.** Landscape designer Annette Burmeister will provide hints about how gardens are designed and provide information on what to consider when you are planning a new garden or revitalizing your existing garden.

**4th July Exploring the Universe from the Suburbs:** Dr Kym Thalassoudis will give an introduction to the night sky and describe how anyone can look up and explore its many wonders using just their eyes, binoculars or a telescope.

**1st August. Coastal butterflies on the brink and how we are conserving them.** Matt Endacott is a Coastal Conservation Officer with Green Adelaide and hosted by Holdfast Bay Council. Matt will discuss his role as well as butterfly conservation that his team is undertaking along the coast including recovery programs for the Yellowish Sedge Skipper and Bitter Bush Blue butterflies.

**5th Sept. 6.30pm BCSA AGM 7.00pm Public Talk It's time to protect our trees.** Dr. Stefan Caddy-Retalic Adjunct lecturer, School Biological Sciences, University of Adelaide will provide an overview of studies undertaken to review the urban tree protection laws across Australia in order to assist with best practice tree protection.

**3rd Oct. European Bees, friend or foe:** Rossi Vonderborch from the Bee Society of South Australia will provide an overview of the European bee life cycle, bee keeping and the relationship between beekeepers and conservationists. An excursion to explore the 'Bee Hub' and walking trail at Brownhill Creek will be offered later in October.

**7th Nov. Climate change and vegetation responses.** Presented by Professor Robert S. Hill Dept. Ecology and Evolutionary Biology, University of Adelaide. Our climate is now changing at an unprecedented pace and the impacts will be severe. What should we do? There are some clear answers that will help us to be prepared for what is coming. **This talk will be a ticketed event with catering provided.** Further details to be advised.

In the case of an advertised speaker not being available,  
a speaker of similar interest will replace that advertised.  
The views of presenters are their personal views.



KONICA MINOLTA

**6th June: Planning your garden.**

Landscape designer Annette Burmeister will provide hints about how gardens are designed and provide information on what to consider when you are planning a new garden or revitalizing your existing garden.

Annette has an amazing career and lifestyle spanning over 20 years working in the horticulture and landscape design industries.



She has enjoyed varied workplace opportunities including supervising staff for a mining company bush regeneration nursery in far north QLD, training Landcare nursery staff in propagation and nursery management, to designing educational gardens for primary school students and sensory gardens for high school social inclusion interaction areas.

More recently she has entered the education sector as a trainer & assessor & lecturer teaching Certificate 3 in Horticulture.

Annette enjoys running workshops and courses to provide participants in her community with knowledge, skills and hands on experience in natural environments, industry areas and scenic classrooms that provide relevant subject theory, resources & networking opportunities.

She enjoys working with other professional people and supporting local business and community organisations and is greatly concerned about the rapid decline and extinction of natural bush habitats and all creatures great and small who are struggling to survive due to the continued use of poisonous chemical controls in our urban and agricultural environments.

Development and town planning has an enormous detrimental impact and Annette encourages community members to make a difference by making changes to the way they live and plant more natives.

Annette says. "The disconnection from our natural world and not growing our own food has had a terrible impact on our health and the environments where we choose to live. We must stop spraying poison if our butterflies, bees and other pollinators are to survive; including ourselves. Gardening and being involved in planting native varieties will increase habitats, heal our souls and provide well being".

Annette will bring a selection of plants to show visitors what to include in a landscape design suited for creating a beautiful wildlife garden that provides habitats for our birds and insects with education and healing opportunities for our own wellbeing.



**4th July Exploring the Universe from the Suburbs:** Dr Kym Thalassoudis will give an introduction to the night sky and describe how anyone can look up and explore its many wonders using just their eyes, binoculars or a telescope.

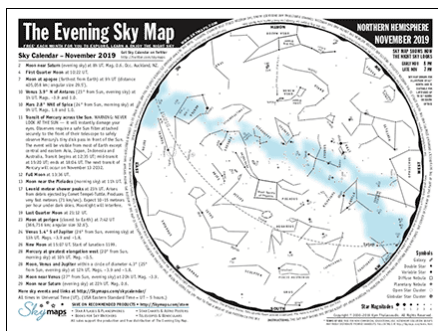
Kym enjoys a life-long passion for Astronomy & Space with several interests including celestial cartography, Astronomy outreach and most recently astro-imaging.

He is the Immediate Past President of the Astronomical Society of South Australia. Since January 2000 Kym has published The Evening Sky Map each month at [www.skymaps.com](http://www.skymaps.com) to help sky watchers worldwide discover the wonders of the Universe.

Prior to retirement in early 2019, Kym was employed for 30 years as a Rocket Propulsion Scientist at the Defence Science & Technology Organisation.

### The Evening Sky Map

The Evening Sky Map (PDF) is a 2-page monthly guide to the night sky suitable for all sky watchers including newcomers to Astronomy.



The Evening Sky Map (front)

Designed to print clearly on all printers, The Evening Sky Map is ready-to-use and will help you to:

- Identify planets, stars and major constellations
- Find sparkling star clusters, wispy nebulae & distant galaxies
- Locate and follow bright comets across the sky
- Learn about the night sky and Astronomy
- Read some of the fantastic feedback we have received.

The Evening Sky Map is FREE for personal non-commercial use. Astronomy Education and Outreach groups may freely distribute printed handouts of The Evening Sky Map subject to the Terms of Use.

**1st August. Coastal butterflies on the brink and how we are conserving them.** Matt Endacott is a Coastal Conservation Officer with Green Adelaide and hosted by Holdfast Bay Council. Matt will discuss his role as well as butterfly conservation that his team is undertaking along the coast including recovery programs for the Yellowish Sedge Skipper and Bitter Bush Blue butterflies.



Matthew Endacott has over 15 years experience restoring and protecting the South Australian coastal and hills landscapes. He gained his experience working at Trees For Life working on a number of projects focusing on large scale revegetation and bush regeneration on both public and private land. He also has experience within diverse landscapes, undertaking work with volunteers and assisting land managers with weed control and revegetation.

During 2018 Matthew created a small native garden at his home, utilising his front yard and council verge to attract inspect species endemic to the area. Since beginning this project, he has attracted 16 different butterfly species to the Western suburbs of Adelaide. He likes to follow life cycle of butterfly species from home. In his spare time Matthew checks old records on Atlas of Living Australia and records sightings of butterfly species across the state by mainly using iNaturalist to help add new data records to add the bigger picture of where our species occur.

The Green Adelaide team and local Entomologists work hard focusing on threatened species including the yellowish sedge-skipper, bitter-bush blue and chequered copper butterflies.

Matthew will discuss the work his team has been doing successfully over the last three years that has led to releasing the yellowish sedge-skipper butterfly.



Photo LFHunt. Yellowish sedge-skipper *Hesperilla flavescens*.

The team has also recently focused their efforts on conserving bitter-bush blue butterflies in the region.

## 25th ANNIVERSARY — EXPRESSIONS OF INTEREST

**Would you be interested in pre-ordering a set of two special Butterfly Conservation SA 25th anniversary wine glasses with the BCSA 25th year logo?**

To make it viable we need to order a minimum of 98 glasses (49 sets).

Two options are available. Printed in any colour or Etched - the latter is dish washer safe however the printed version will fade after prolonged dish washing.

Glasses are similar to the images on the left.

Cost for a pair: \$20 plus postage.

If you would like to order a set please email [Secretary@butterflyconservationsa.net.au](mailto:Secretary@butterflyconservationsa.net.au) and specify which type 'Etched' or 'Printed'.

We will only go ahead with this purchase if we have sufficient orders to cover the costs.



## From the Acting Secretary

### ARE WE AT A CROSSROADS?

We are not the only organisation finding difficulty in attracting people to take on key roles within the organisation.

### IN SEPTEMBER AT OUR AGM WE WILL POTENTIALLY HAVE THREE KEY ROLES TO FILL.

In the February newsletter it was mentioned that both Sukhpreet Singh Bala our Secretary, and Dan Daneshi our Treasurer have resigned due to pressure of work and family. However, unfortunately no-one from within the organisation has so far put their name forward to take on these roles.

We also advised that Gerry Butler our Chairman for four years would like to retire at the next AGM to concentrate on Advocacy and Project Management.

As Acting Secretary I am not willing to continue to undertake this role as well as the Newsletter and Public Talks. We presently have an Interim Treasurer in Karen Rodda however, she has only agreed to undertake the Treasurer role until the AGM.

IT ALL STARTS WITH YES!  
- we need you now. Please consider nominating yourself to one of these roles.

Jan Forrest OAM  
Butterfly Conservation SA

## CONSTITUTION OF BUTTERFLY CONSERVATION SOUTH AUSTRALIA - in part, as the constitution relates to management.

### 1. NAME

The name of the organization shall be Butterfly Conservation South Australia and hereinafter referred to as BCSA. .

### 2. AIM

The aim of BCSA is the conservation of butterflies (and where appropriate moths) in South Australia.

### 3. OBJECTS

The aim of BCSA shall be achieved by pursuit of the following objects:

- i. To promote the conservation and sound management of areas of ecological significance to butterflies, especially areas of remnant native vegetation.
- ii. To foster interest by government agencies at all levels, voluntary bodies, community groups, educational establishments and the public generally in the conservation of butterflies and their habitats, and the activities which can assist in this conservation.
- iii. To re-introduce butterflies into natural habitats where they previously existed.
- iv. To promote and support scientific study and research into the habits, diseases, life-cycles and factors affecting butterflies and the enhancement of their habitats, and to disseminate the results of such research as widely as possible.
- v. To set up a public gift fund under the constitution and rules of BCSA for the specific purpose of pursuing the aim and objects of BCSA.

### 6. MANAGEMENT

- a. The management of BCSA shall be vested in a committee which shall comprise a total of not less than five members and shall include a Chairman, Secretary, and Treasurer who shall be the office-bearers of the committee. The committee shall meet at least once per year.
- b. The committee shall conduct the business of BCSA and maintain records of the financial transactions of BCSA.

### 9. CHAIRMAN

- a. The chairman when presiding at any meeting shall have a deliberative as well as a casting vote.
- b. The chairman shall chair committee and general meetings except that in the absence of the chairman or at the request of the chairman another office bearer shall chair the meeting. In the absence of the chairman or another office-bearer another member may be elected by a majority of the meeting as meeting chairman.
- c. The chairman of any meeting shall encourage full balanced participation in meetings by all members and shall decide on all matters of order.
- d. The chairman shall act as spokesperson for BCSA unless an alternative spokesperson has been appointed by the committee or a general meeting. The spokesperson shall make statements in accordance with previously agreed policy, or in an emergency following consultation with at least two members of the committee.

### 10. TREASURER

- a. The treasurer shall cause moneys received to be paid into an account authorized by the committee in the name of BCSA.  
Payments shall be as petty cash or by cheque signed by 3 authorized signatories, two of who shall be office bearers of the committee and the other a committee member, two out of these three to sign. Major or unusual expenditures shall be authorized in advance by the committee or a general meeting.
- b. The treasurer shall cause records to be kept of all receipts and payments and other financial transactions, which records shall be available for inspection by any member.
- c. The treasurer shall submit a report on finances to each committee meeting.
- d. The treasurer shall present audited financial statements to the Annual General Meeting.

### 11. SECRETARY

- a. The secretary shall call meetings in accordance with the provisions of this constitution.
- b. The secretary shall cause records to be kept of the business of BCSA including the constitution and policies, records of members, a register of minutes of meetings and of notices, a file of correspondence and records of submissions made by or on behalf of BCSA.
- c. Except when duties are otherwise delegated the secretary will receive correspondence addressed to BCSA and will present it to the next committee or general meeting. The secretary will prepare and send correspondence as directed by the committee or general meetings of BCSA.
- d. The secretary will prepare and send out notices of meetings and minutes of meetings.
- e. The secretary shall act as minute secretary, and shall record the minutes at committee meetings and general meetings.
- f. In the absence of the secretary at any meeting another member shall be appointed as minute secretary for that meeting.



If you would like to talk to someone about any of the Chairman, Treasurer or Secretary positions on the committee please contact the Chairman Gerry Butler, Acting Secretary Jan Forrest OAM or any other committee member.

Now is not the time to sit back and let someone else do it as we need your help now to ensure this organisation continues to thrive.

There is so much still to do and it needs a team to do it, please don't leave this work to just a few. We need enthusiastic, energetic and committed members to step up and help.

See page 2 for contact details.

## BUTTERFLY CONSERVATION SA SILVER ANNIVERSARY PHOTOGRAPHIC COMPETITION

We are looking for images depicting the wonder of any life stage of Lepidoptera (moths or butterflies).

This could be how they live; where they live; what they eat; what eats them; how they protect themselves; how they grow; how they move; different colours and shapes; quirky habits; or how they find a mate or mate.

Images submitted must have been taken recently in South Australia OR be of South Australian species.

Competition judges will highly rate images which help educate the public; give rise to amazement; or encourage people to want to delve into the world of caterpillars, their adults, and other insects.

You may submit as many images as you wish.

**Further information and an Application Form can be found -**

- in the BCSA February Newsletter on page 7
- on the BCSA website: [butterflyconservationsa.net.au](http://butterflyconservationsa.net.au)
- or email the editor (email below) to request an information sheet and an application form.

**Application form and digital images** (either attached or via an online storage location) should be emailed to: **editor@butterflyconservationsa.net.au** by **1st July 2023**.

## WHAT'S FOR SALE? - IN OUR ON-LINE SHOP

**NEW LIMITED STOCK: 25th ANNIVERSARY HATS:** Beige, broad brim, BCSA 25th logo, chin strap. \$20

**BOOKS:** *"Caterpillars, moths and their plants of southern Australia"* Published BCSA 2019. Our price \$30, plus postage.

*"Attracting butterflies to your garden, what to grow and conserve in the Adelaide Region"* 2nd EDITION

Published BCSA 2016. Our price \$25 (financial members may purchase a book for \$20) plus postage.

*"The Making of a Monarch"* by Linda Shmith. Cost \$20 plus postage.

**DVD:** *"Butterfly Garden"* produced by Tracy Baron and Carolyn Herbert - \$20 each (BCSA financial members price \$15) plus postage. Limited stock available.

**POSTERS:** *"Spiders and their allies of the Adelaide Region"* Published BCSA 2014. \$10 a set of two, plus postage.

*"Moths of the Adelaide Region"* Published BCSA 2016 \$10 Set of four A3 plus postage. Free download available.

**Single posters:** Published Nick Birks *"Bats of SE South Australia"* and *"The Bilby –Endangered Species"* posters are available for \$5 each, plus postage.

FREE Orchid Posters. Plus postage. Posters are free to schools, but incur postage.

**SITE SIGNS:** To obtain an application form to register a butterfly site click on the site sign logo. Cost \$60 includes postage.

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

If you would like become a member, order any of our merchandise, including books, plant tags, site signs or posters, check out the **ON-LINE STORE** at <https://butterflyconservationsa.net.au/shop/> and sign up for a membership/book deal.

For queries email: [info@butterflyconservationsa.net.au](mailto:info@butterflyconservationsa.net.au).





**HERDING  
CATERPILLARS, THE  
STORY OF 'ADELAIDE'S  
COPPER' GOES  
INTERNATIONAL AT  
THE FMX CONFERENCE  
ON ANIMATION,  
EFFECTS, GAMES AND  
IMMERSIVE MEDIA AT  
HAUS DER WIRTSCHAFT  
IN STUTT GART  
GERMANY.**



Note from Creative Director (Art) of 'Herding Caterpillars' Rosina Possingham in Germany: We are all set up at FMX and have been showing students and industry. Having some good feedback so far. Here's a pic of some young animation students from Vienna. They were very excited!