



BUTTERFLY CONSERVATION SA INC.

NEWSLETTER

No. 66: October 2018

VISIT TO HINDMARSH ISLAND

Over two weekends, September 22nd and 29th members of the Butterfly Conservation Society were joined by members from COOTS, Australian Native Plant Society and Bird Watchers SA for a tour of Chris and Karen Lanes revegetation project on their 80-acre farm on Hindmarsh Island.

Coots President, Jeff Reid, organised a bus to pick up members from Adelaide for the one hour drive to the farm, stopping on the way to visit the Eucalypt farm at Currency Creek.

The group of 50 arrived in two buses and private cars in time for lunch. As they gathered in the main shed for a welcome speech they watched a movie produced by Chris and Karen taken from a drone they flew over the revegetation area giving a "birds eye" perspective of the massive revegetation work undertaken on this property. 65,000 plants, of over 150 species, all indigenous to the island, have been planted in 8 years.

After lunch the group went for a walk through the revegetation looking for birds, butterflies and plants.

Karen Lane



Group; flowers on the dune; six month old Bitterbush, *Adriana quadripartita*; Bitter bush blue butterfly larvae and attendant ants on the *Adriana quadripartita* earlier this year and below rising ground revegetation site. Photos: C&K Lane.



IN THIS ISSUE

- Hindmarsh Island visit
- Cleland Project
- Projects
- End of an Era
- Chairmans Annual Report
- Annual Financial Statements
- FACT SHEET - Common Grass Blue
- FACT SHEET - Wood White
- Welcome to new committee members
- Roger Grund website update
- Public Talks Program 2018
- 2019 Public Talks Program new venue
- Remnant Grassland Field trip
- 20th Anniversary
- Sophie's Patch
- What's for sale?
- Excursion
- Membership renewals now due
- New Members
- Diary Notes

CLELAND PROJECT

see page 2

Below is the list of species we hope to place in the new butterfly aviary at the Cleland Wildlife park along with the food/nectar plants being made available. If you can collect, eggs, larvae or pupa please contact Linda Shmith. linda@lindashmith.com.au

Australian Admiral (*Urtica incisa*)
native perennial stinging nettles

Australian Painted lady
(*Xerochrysum bracteatum*,
Brachyscome diversifolia,
Chrysocephalum apiculatum and
Coronidium [Helichrysum] scorpioides)
all local native daisies and host plants
also all nectar plants.

Common Browns, Xenicas (*Poa labillardieri*, *Microlaena stipoides*
and *Themeda triandra*) local native
grasses.

Meadow Argus (*Goodenia blackiana*,
G. geniculata and *Scaveola albida*)
host plants also all nectar plants.

Chequered Swallowtail (*Cullen australasicum*)

Dainty Swallowtail (citrus trees)

BUTTERFLY CONSERVATION SA. INC. Membership enquiries: membership@butterflyconservationsa.net.au or online: www.butterflyconservationsa.net.au/product/become-a-member/ Membership payments (\$20pa - less \$10 for email 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@butterflyconservationsa.net.au with name, amount and item.

PROJECTS

If you would like to become involved in any of these BCSA projects please contact the co-ordinator direct or the Chairman Mike Moore.

FRIENDS OF CHEQUERED COPPER BUTTERFLY

Contact: Michael Kokkinn / Gerry Butler

Monitor and map existing populations of *Lucia limbaria*, its ant *Iridomyrmex rufoniger* and host plant *Oxalis perennans* in the Adelaide parklands. Duration - ongoing.



MONARTO ZOO

Contact: Andrew Walters

Identify existing butterfly host and nectar plants at Monarto Zoo, make recommendations regarding additional plantings to increase the existing local populations of butterfly species and devise a butterfly trail for visitors. Duration around two years.

PORT STANVAC - co-ordinator required

We have an interest in the remnant heathland on the headland adjacent to the Port Stanvac Oil Refinery are looking for someone who can monitor progress of the site including clean-up and potential sale of this area. If you have an interest in this area please contact Chairman Mike Moore - duration on-going.

BOTANIC GARDENS - ADELAIDE

Initial Contact: Jan Forrest/David Keane

Identify existing host and nectar plants and assist Education staff with signage and possibly a butterfly trail. Duration around twelve months.

There may be similar projects yet to be initiated at Wittunga and Mt. Lofty Botanic Gardens. If you are interested in being involved please let us know. Each location twelve months.

LESSER WANDERER CAPTIVE BREEDING PROGRAM

Contact John Wilson

If you already raise Wanderer butterflies keep an eye out for Lesser Wanderer caterpillars - they have three sets of horns not two and eat milkweeds.

John would love to hear from you. Duration on-going.



CLELAND WILDLIFE PARK

Contact: Linda Shmith linda@lindashsmith.com.au

This project has two parts.

1. The new CEO of Cleland Chris Daniels is keen to turn an old aviary into a butterfly house. This will mean placing host and nectar plants in the aviary and member Karen Lane has this in hand. Then, collecting appropriate eggs, larva or adult butterflies in an effort to breed butterfly species in the aviary over the summer months. Duration two year project.

SEE LIST ON PAGE FOR BUTTERFLY SPECIES REQUIRED

Contact: co-ordinator required

2. Identify existing host and nectar plants in the Cleland Reserve and where appropriate make recommendations to increase these plants to support existing butterfly populations including a nectar garden to attract existing butterflies to the area - duration around two years.

BCSA DISPLAYS - contact Secretary Brett Oakes

We are always looking for helpers on various BCSA promotion displays at the APS show, Sophies Patch etc. We often miss out because we do not have anyone available to set up and look after the display. If you are willing to convene one of our displays or put your name on a list of possible helpers at a display please let Brett know.

END OF AN ERA

After twenty years as Secretary of Butterfly Conservation SA I am delighted to introduce members to Brett Oakes who took on the position of Secretary at September AGM.

Whilst I was not 'officially' secretary in 2017 and 2018, as no-one else nominated I continued in the role 'unofficially' and as my work load did not decrease I can confidently boast 20 years service in this role.

I will continue to produce the Newsletters and I am presently working with Peter McQuillan on the moth book as well as supervising masters student Fan Feng at the Museum. Fan is re-designing Roger Grund's website. As this is a ten week internship the Museum kindly agreed to provide facilities in the Entomology Section providing of course BCSA supervised the project, so I am 'it'.

I also continue to do on average two talks a month and this year will be convening the BCSA display at the Sunday Mail Home Show. So you can see I am still out and about with various projects including once again organising speakers for our popular (and ninth) Public Talks Program, so if you

have any **ideas for good speakers** please contact me. I also remain on the committee.

In my role as Secretary I have met some wonderful members and I do thank you all for your help and support. I am sure Brett will enjoy the same support that I have had. Jan Forrest OAM



Peter McQuillan and Jan Forrest working on the moth book.
Photo: Jan Forrest (by remote)

CHAIRMAN'S REPORT - ANNUAL GENERAL MEETING September 2018

I present to you the 19th Annual Report of the Chairperson of the BCSA.

The BCSA continues to prosper. Our membership numbers are up slightly and sales of our items continue at a steady rate, our interaction and education programmes in the community continue to grow at an increasing pace and our moth book is moving towards completion.

We have continued many of our approaches of previous years but try to keep them fresh and vital. Broadly these are exposure and education of the public via various shows and displays with the community particularly the Australian Plant Show and Sophie's Patch and talks by members at a variety of venues to school and public audiences. I would like to most sincerely thank the many volunteers who have personned stalls or given talks for surely without them our butterfly group would have a much reduced presence. At this point I would like to thank Andrew Walters for his ongoing co-ordination of the APS show days.



Of particular note has been the creation and successful start up of the Friends of the Chequered Copper group. As you know the Chequered Copper has survived in the close environs of the CBD for the 170 years that non-Aboriginal Australians have been altering this state and country.

The aim of the abovementioned group is to learn as much as possible about the butterfly and its local situation and use this knowledge to monitor the population size and to help it continue to survive. The Adelaide City Council has been a wonderful co-partner with its practical and material support for this project. Many thanks to board member Gerry Butler for the drive and initiation of this group and to Mike Kokkin for his continuing co-ordination and organisation of the dedicated group of volunteers. It would be excellent if more of these groups could be germinated within the community as butterflies such as the Bitterbush Blue, the black and white skipper and the golden fringed skipper could well do with some close friends.

This year has also seen us run a survey (thanks Gerry and Erin) with regards to what you the members wish to get from this group, what you like in its present format and what skills you might be willing to use in the service of this group. The results have been pleasing. You are particularly supportive of our Newsletter (many thanks Jan!) and our Public Talks programme (thanks again Jan!). You want to learn about butterflies and growing plants and some of you want to do a bit more butterfly observing. We think we are doing OK in most departments but as a board we would like to run more butterfly field days. We have run these in the past, although thoroughly enjoyable as a group outing, lepidopterally they have been rather variable being dependent on weather and climate. This month (the 23rd) we are going out to see Karen Lane's work on her property at Hindmarsh Island and will be sometime in November be going to see the Bitterbush blue butterfly at Outer Harbour. Please involve yourselves in these trips.

We are also committed to running our eighth year of the Public Talks programme. The programme seems to be attracting bigger and bigger audiences; So much so that we are considering a bigger venue. We are looking for venues not too far from our present location but we would be interested to hear your comments on moving, and/or possible alternate venues.

Our Website is now settled and running well. There are still issues that arise from time to time and we are still keen to improve its content and public face, so we would sincerely appreciate any feedback. Indeed, we would encourage you to visit the site regularly as this helps lift it up the rankings. I will take this opportunity to thank Lionel Edwards for his dedicated work keeping this site updated and running: How vital is this in our modern world? I thank Lionel for the time he puts into maintain the site and liaising with our website designers to continue improvement and maintain relevance.

Looking forward, next year is our 20th year and we are considering marking that milestone with a number of membership events. We are also putting efforts and resources into updating and integrating Roger Grund's website with ours, (thank you Roger) and we are anticipating that our moth book will be completed. So next year will be a big year for our group and we are looking forward to it.

A society such as this does not without volunteers and people of good will. I would like to thank all those that helped in the running of and projection of our society but I would particularly like to thank Chris Lane of Konica-Minolta for his and the company's support of this group. The printing and production of the Newsletters, the Certificates and Brochures that we use and their excellent, professional quality is down to him and the organisation for which he works. Many thanks Chris and Konica Minolta.

Finally, I would like to thank the board for their extraordinary efforts. Our success is down to your hard, ongoing work. Our thanks and thoughts go to Erin Faggin-Jeffries. Erin is such an enthusiastic and passionate young entomologist that always wants to communicate her excitement to everyone she meets. She has been concentrating on bringing her PhD to a conclusion this year and has consequently been limited in the time she could devote to this group. However, she has still been involved with our Facebook presence and helped with the Membership survey. Bryan Haywood and Andrew Lines represent the S.E. chapter of our group, and I would like to thank them for their ongoing involvement and contributions.

Our Treasurer John Wilson is stepping down as Treasurer this year after five years in that position. He intends to remain on the board so he will not be lost entirely. I would like to thank John for all his work over the past five years when for three of those years he was also Membership Secretary.

Lastly, I would like to thank our hardworking Board members. The work of maintain and diversifying our work falls on this group, so, my thanks and the thanks of all of our members go to Gil, Bernadette, Gerry, John and Jan for their ongoing efforts to expand and diversify our work and to make it more effective. I very much look forward to working with you all in the next lepidopteral year.

BCSA FINANCIAL STATEMENTS END OF YEAR 2017-18

STATEMENT OF ASSETS AND LIABILITIES
FOR THE PERIOD 1 JUL 2017 to 30 JUNE 2018

1 JUL 2017			30 JUNE 2018
	ASSETS		
28783.9	Cash at bank		33230.42
53.91	Debtors and unbanked	Note 7	718.80
27563.61	Merchandise Stock	Notes 6, 11 & 12	24416.43
56401.43	Total Assets		58365.65
	Less LIABILITIES		
654.48		Note 9	0.00
654.48	Total Liabilities		0.00
55746.95	NET ASSETS		58365.65
	Represented by		
53720.6	Accumulated Funds beginning		55746.95
3477.53	Cash Surplus (Loss) for year		5802.88
	Writeoff bad debts	Note 8	-37.00
	Increase (Reduction) of Merchandise Stock		-3147.18
-1451.18			
55746.95	ACCUMULATED FUNDS		58365.65

STATEMENT OF CASH FLOWS
FOR THE PERIOD 1 JUL 2017 to 30 JUNE 2018

2016-2017			2017-2018
	MEMBERSHIP & ADMINISTRATION		
2715.00	Subscriptions		3150.00
429.06	Miscellaneous income		68.00
448.67	Interest		504.93
67.00	Donations other than grants & sponsorship		50.00
-378.33	Postage/Stationery expense		-224.60
0.00	Audit fee	Note 10	-660.00
-5217.86	Computer and website expense		-843.75
-10.72	Website transaction commission		-60.62
	Bad debts	Note 8	-37.00
-595.74	Miscellaneous expense		-492.75
-2542.92	Subtotal		1454.21
7378.15	MERCHANDISE CASH FLOW		4398.98
-1348.25	PUBLIC MEETINGS & DISPLAYS		-119.81
669.50	GRANTS & SPONSORSHIP		0.00
4156.48	NET SURPLUS (DEFICIT) FOR YEAR		5733.38

Notes from Treasurer John Wilson at the AGM

- The accounts for 2016-2017 and 2017-2018 year ending June 30 have been audited with no issues raised. The attached tables are consistent with the audit, but provide for limited accrual accounting in 2016-2017.
- BCSA is in a strong financial position with about \$58,000 in net assets, of which about 60% is in the bank and 40% in stock of saleable merchandise.
- The net balance has increased by \$2600 or 4.7% from 1 July 2017.
- The buildup in cash is needed to help fund publication in 2019 of a book on Adelaide moths similar in format to the butterfly book, at an estimated cost of around \$45,000.
- Income is largely from membership subscriptions (\$3150) and sales of merchandise (net cash flow \$4400). The most significant expenses this year were for audit of two years of accounts, and computer/website expenses. The expenses for display materials and meeting room rent were offset by donations at talks.
- Unfortunately, this year we have had to write off \$1444 of plant tags which have been found to be non-UV resistant, and \$226.67 of books which could not be found in the stock take.
- In 2017-2018, the website shop enabled about \$2500 of merchandise sales and membership payments – that's 23% of our total income. Please, if you can, pay by EFT direct to our bank – it's cheaper for us!
- The website is important for BCSA in communicating with the public. In 2018-2019, we will be upgrading the link to Roger Grund's invaluable database on butterflies and sun moths.
- Sponsorship is important to BCSA and much appreciated. This year, Konica Minolta has greatly assisted in-kind by printing the hard copy newsletters.
- The AGM resolved that the membership fees for 2019 would be unchanged: \$20/year with hardcopy newsletter, or \$10/year for emailed newsletter, and \$200 for life membership.

BUTTERFLY CONSERVATION SA INC

NOTES TO ACCOUNTS 30 JUNE 2018

- Note 1 The accounts have been prepared on a cash basis using historical costs except as detailed in Note 3, debtors (Note 7) and creditors (Note 9).
- Note 2 Stocks of the second edition of "Attracting Butterflies to Your Garden" are valued at the \$6.67/book cost of design and printing
- Note 3 Stocks of other saleable merchandise are valued on an estimated average realisation.
- Note 4 All costs of design and preparation of advertising for saleable merchandise have been expensed.
- Note 5 Postage on sales included in merchandise cash flow
- Note 6 Stocks of posters and plant tags are estimates.

- Note 7 Debtors Imprints Booksellers 20 books 20/6/2018 \$359.4, and ZoosSA 20 books 21/6/2018 \$359.4 Received since balance date
- Note 8 Debtor for online purchase on 13/11/2017, payment not received for \$10 membership, \$20 book and \$7 postage, total \$37
- Note 9 Nil creditors as at 30 June 2018
- Note 10 Audit fee for 2015-16 and 2016-17
- Note 11 Stocks of the second edition of "Attracting Butterflies to Your Garden" written down by 34 copies or \$226.67
- Note 12 Stocks of non-UV resistant plant tags written down by 722 or \$1444 to zero. Replacement stock of 260 UV-stable tags will be available for sale.

MEMBERSHIP FEES WILL BECOME DUE AT THE END OF THE YEAR
ACCOUNTS WILL BE FORWARDED TO MEMBERS IN NOVEMBER

Common Grass-blue

Class: Insecta
Order: Lepidoptera
Family: Lycaenidae
Genus: *Zizina*
Species: *labradus*
Subspecies: *labradus*

This is one of the most common butterflies of Australia, with its larvae feeding on a wide range of small herby legumes. It has adapted well to the extensive cultivation of leguminous pastures in agricultural South Australia, such that its numbers are greater now than when their natural habitat was undisturbed. Its flight is weak and fluttery, with the butterflies flying close to the ground. On a very hot day the butterflies are often attracted to water or moist patches in gardens, along creek beds, or roadside edges after a downpour, where they will sip from the water's edge or directly from the damp patch.

Description

Wingspan: male 20mm; female 23mm.

Upperside: Bluish-lilac with dull brown margins, and are broader in the female than in the male.

Underside: Pale grey and has a series of darker but faint markings.



Photo: Pupa and adult underside Photos: LFHunt



Photos: egg, mid larva, mature larva and adult upperside Photos: LFHunt.



**BUTTERFLY
 CONSERVATION
 SA. Inc.**

**C/- SA Museum
 North Terrace,
 ADELAIDE 5000
 S. AUSTRALIA**

Larval Foodplants

The larvae feed on numerous native and introduced plants of the Pea (Leguminosae/Papilionaceae) family. The main native species include: *Crotalaria eremaea strehlowii* (loose-flowered rattlepod), *Cullen australasicum* (tall verbine), *C. pallidum* (bullamon lucerne), *C. patens* (native verbine), *Glycyrrhiza acanthocarpa* (native liquorice), *Hardenbergia violacea* (native lilac), *Indigofera australis* (native indigo), *Lotus australis* (austral trefoil), *L. cruentus* (redflower lotus), *Pultenaea tenuifolia* (bush-pea), and *Swainsona* spp. Introduced species include: *Glycine max* (soybean), *Medicago* spp. (lucerne, medics), *Phaseolus vulgaris* (french gardenbean), *Pisum sativum* (garden pea), *Trifolium* spp. (clover), and *Vicia faba* (broadbean).

The larvae are usually attended by a few ants, including small black ants *Iridomyrmex* sp., *Rhytidoponera* sp., *Tapinoma* sp., or a small dark-brown ant *Paratrechina* sp. In the far north they are attended by the large black meat ant *Iridomyrmex viridiaeneus*, or the large sugar ant *Camponotus capito*.

Habitat and Ecology

The Common Grass-blue is common in most open areas of native vegetation, as well as suburban gardens and pastures, wherever the larval food plants grow. In fact it is a minor pest of lucerne, garden beans and other leguminous plants.

Distribution

The Common Grass-blue occurs throughout mainland Australia except in the deserts of western Australia and some of the northern tropic areas. In South Australia it is wherever its food plants occur, which are common and widespread.



Flight Period

It is possible to find these butterflies throughout the year, depending on the area. In northern pastoral areas it is more common after rainy periods as its foodplants respond with new growth. In southern areas it is common during the warmer months. There are continuous broods at this time taking about 10-12 weeks.



Threats

Because it is common and widespread there are no real threats.

Conservation

Locally common in breeding areas such that it can be considered a pest of leguminous crops and vegetables.



Host plant photos: *Hardenbergia violacea* (Native Lilac) J.Hunter; *Swainsona formosa* (Sturt Desert Pea) B.Rowland; *Lotus australis* (Austral Trefoil) J.AForrest; *Cullen australasicum* (Psoralea or Tall Scurf Pea) T.Berkinshaw; *Pultenaea tenuifolia* bush and flower (Narrow-leaf Bush-pea) R. Sandercock.

ACKNOWLEDGEMENTS *Zizina labradus* fact sheet:

Majority of text, map and flight bar from: 'Butterflies of South Australia' website by Roger Grund.

Other references and contributors include: Michael Moore; Fisher RH 1978 *Butterflies of South Australia*; Braby MF 2004 *The complete field guide to Butterflies of Australia*; Dashorst RM & Jessop JP 'Plants of the Adelaide Plains & Hills'.

Production: Jan Forrest OAM, February 2013.

BUTTERFLY CONSERVATION SA Inc.

is a not-for-profit organisation for those interested in conserving the habitat of Lepidoptera (butterflies and moths) and other animals.

For further Information or to purchase our book 'Attracting Butterflies to your Garden, what to grow and conserve in the Adelaide region' or to purchase a 'Butterfly Garden' DVD contact the Secretary, c/- South Australian Museum, North Terrace, ADELAIDE 5000.

WEBSITE: www.butterflygardening.net.au

EMAIL: info@butterflyconservationsa.net.au

Wood White

also known as the Spotted Jezabel

Class: Insecta
Order: Lepidoptera
Family: Lycaenidae
Genus: *Delias*
Species: *aganippe*



A spectacularly patterned butterfly, the Wood White (or Spotted Jezabel) was one of the first butterflies to be noted by the early European settlers in South Australia. Numbers vary considerably from year to year, and it may be absent from an area for many years before appearing again, sometimes in large numbers. One recent year it was very common at Robe, flying in hundreds over flowering bottlebrushes, *Callistemon* spp.

Description

Wingspan: male 61mm; female 63mm.

Upperside: Males differ from females in having dark-grey wing uppersides, whereas the females are creamy coloured.

Underside: The hindwing have a bold pattern of black, red, white and yellow markings. It is the only Pierid butterfly in South Australia to have red markings.

Distribution

The Wood White inhabits the southern half of mainland Australia, but is absent from Tasmania. In South Australia it is also present on Kangaroo Island, and a dead specimen has even been found on the salt crust of Lake Eyre. Near Adelaide, it appears in some



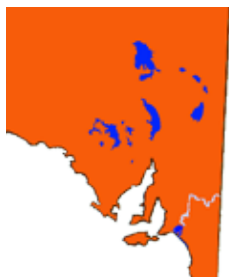
Photos: eggs, first instar larvae, final instar larvae, adult underside and pupae LFHunt.



**BUTTERFLY
 CONSERVATION
 SA. Inc.**

C/- SA Museum
 North Terrace,
 ADELAIDE 5000
 S. AUSTRALIA

years but it is never common. Numbers in South Australia tend to periodically increase due to migrant influxes from the eastern states.



Larval Foodplants

The larvae feed on parasitic plants. They are attracted to *Santalum acuminatum* (quandong) (Santalaceae), and the *Amyema* mistletoes including *Amyema melaleucae* (melaleuca mistletoe), *A. miquelii* (box mistletoe), *A. pendula* (drooping mistletoe), *A. preissii* (wire-leaf mistletoe), *A. quandang* (grey mistletoe) (Loranthaceae). They have also been known to use *Exocarpos* species (native cherries) (Santalaceae). The larvae eat the softer parts of the foodplants.

Habitat and Ecology

Its common parasitic foodplants are wide ranging and occur throughout South Australia in a variety of habitats. The females are usually seen near the larval foodplants, whereas the males often congregate at hilltops. The larvae and pupae are gregarious. The pupae have a black and white pattern resembling bird droppings.

Flight Period

Recorded flying in all months of the year, but more commonly seen during the warmer months.



Threats

Urbanised and agricultural activities have destroyed or fragmented many of the known breeding areas.

Conservation

Now considered to be a rare butterfly in South Australia. Its larval food plants are common and widespread, and additional plantings are not required. The butterfly will remain in an area if colonised food plants are left.

Photos: Adult upperside LFHunt; *Santalum acuminatum* (quandong) tree and fruits JAFForrest; *Amyema melaleucae* (melaleuca mistletoe) RSandercock; *Exocarpos cupressiformis* (native cherry) DKeane; *Amyema pendula* (drooping mistletoe) on *Eucalyptus baxteri* RGrund.



ACKNOWLEDGEMENTS *Delias aganippe* fact sheet:

Majority of text, map and flight bar from: '*Butterflies of South Australia*' website by Roger Grund.

Other references and contributors include: Michael Moore; Fisher RH 1978 *Butterflies of South Australia*; Braby MF 2004 *The complete field guide to Butterflies of Australia*; Dashorst RM & Jessop JP '*Plants of the Adelaide Plains & Hills*.

Production: Jan Forrest OAM, October, 2018.

BUTTERFLY CONSERVATION SA Inc.

is a not-for-profit organisation for those interested in conserving the habitat of Lepidoptera (butterflies and moths) and other animals.

For further information or to purchase our book '*Attracting Butterflies to your Garden, what to grow and conserve in the Adelaide region*' or to purchase a '*Butterfly Garden*' DVD contact the Secretary, c/- South Australian Museum, North Terrace, ADELAIDE 5000.

WEBSITE: www.butterflyconservationsa.net.au

EMAIL: info@butterflyconservationsa.net.au

WELCOME TO NEW COMMITTEE MEMBERS

Cristy Seymour (Committee Member)

Cristy has been a Zoo Keeper for 11 years, initially starting at Adelaide Zoo and now currently a keeper in the Natives Department at Monarto. She studied a Bachelor of Science degree at the University of Adelaide, majoring in Zoology & Environmental Biology.



Her family live in Mount Barker and Cristy is the mother of three boys Will, Riley & Angus, who occasionally come to public talks, and a step mother to two girls, Jada & Mya. The family have a 4 year old greyhound Bazza, who they adopted through GAP SA. When time allows Cristy enjoys gardening and baking.

Beth Keane (Committee member and Public Officer)

Beth was the inaugural Chairman of BCSA twenty years ago and has been our Public Officer since that time. So, we are delighted to welcome her back onto the committee now that the two twins Isobelle and Jessica are teenagers.



Beth works with husband David, a long term member of the BCSA committee, in the family business 'Landscape Profile', re-vegetating and restoring vegetation on former quarries and mine sites.

Brett Oakes (Secretary)

I'm 28 years old, and have had a passion for the environment for as long as I can remember, galvanised particularly when I was involved with Conservation Volunteers Australia as a volunteer in 2007, and then the Green Army in 2008. I'm currently lucky enough to work for Trees For Life as the Nursery and Tree Scheme Operations Manager.



This job allows me to talk almost endlessly about my love of native plants, and the myriad of intricate relationships they have. As Secretary, I'm hoping to add 'Butterflies' to my repertoire of knowledge!

Dianne Lynch (Treasurer)

It is a great pleasure to take on the role of BCSA Treasurer. I enjoy the passion and knowledge of this wonderful team of people who have a commitment to conservation and sharing knowledge. I aim to support their vision with my accounting skills. This is my first foray into the committee of a community organisation, so I have a lot to learn. In my day job, I work to improve the lives of people, in this role I intend to support the work of people committed to the environment. My passion for the environment has smouldered from my youth and is now blossoming into the focus of my retirement, in a few years.

ROGER GRUND'S WEBSITE

Over many years we have enjoyed using Roger Grund's web site '[SA Butterflies](#)' as a fantastic resource for information on our South Australian butterflies. The site includes comprehensive host plant lists, information on conservation status of each species, fact sheets on every SA species and those that venture into South Australia on occasions plus regional lists of butterfly species, hints on butterfly gardening and much more.

Sadly about two years ago for various reasons it was taken off line and efforts to re-instate this web site failed due to the age of the program used to create it (Microsoft Frontpage 98).

Butterfly Conservation SA committee felt that this site was too valuable to just disappear so approaches were made to Carnegie Mellon University to see if re-designing the original web site would be suitable as a student project.

We are pleased to advise that we were successful and now have a masters student Fan Feng re-designing the original content into a new vibrant and phone/tablet friendly web site. The content will not change, just the presentation.

Fan is on a ten week internship funded by Butterfly Conservation SA and through the support of the South Australian Museum we were able to physically locate Fan in the Museum Science Centre for the duration of the project. We are grateful to the Museum staff for their support of this project as their willingness to provide desk space, internet connection and a computer solved our dilemma as to where Fan could work from.

Supervision of the project is being undertaken by South Australian Museum Honorary Associate and BCSA member Jan Forrest with the assistance of S.A. Museum volunteer and BCSA Chairman Mike Moore.

We are hopeful that the new site will be available just before Christmas.

When you received your renewal notice we will be asking for a donation towards this project, so if you can spare a few dollars we would be delighted.



Butterfly Conservation South Australia Inc.

presents

a PUBLIC TALKS PROGRAM for 2018

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.

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.

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

Photo L.F.Hunt. Bitter-bush blue butterfly *Theclines thes albocincta*

LAST TALK FOR THE YEAR

6th November: 'Creating a butterfly garden' Member Roz Daniell and partner have created a beautiful butterfly garden at Forrestville and are now creating a 'rain garden' in the street. Find out their process and progress as well as their tricks and hints for going about it.



KONICA MINOLTA

DON'T FORGET TO BYO CUP

Suggestions for 2019 public talks program are welcome. Please contact organiser Jan Forrest Phone: 82978230, or email: janf@butterflyconservationsa.net.au

2019 PUBLIC TALKS NEW VENUE

New Year, new location for talks!!

This year's talks have been highly successful, thanks to the organization of Jan and Bernadette and our wonderful speakers. However, they've been so successful that we have been overcrowded – sometimes close to 60 in a room with only capacity for 40! So we have decided to move to a larger venue.

So the 2019 Public talks will be held at the **Plympton Community Centre**, 34 Long St Plympton, 200 metres east of Marion Rd, and 300 metres north of Anzac Highway. Fortunately this hall is available on the same night – the first Tuesday of the month, from March to November.

It has been chosen because it has seated capacity for up to 100 which will be needed when we have drawcard speakers. We can also use the extra space for displays of plants, critters, merchandise etc. – an improvement in what we do. There is good on-site and nearby street parking and storage space for our catering and display equipment, merchandise and a full kitchen.

Public transport options 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. approximately 100 metres north of Long Street). Then approximately 250 metre walk along Long Street.



VICTORIA PARK / PAKAPAKANTHI REMNANT GRASSLAND FIELD TRIP EVENT (Adelaide parklands)

This event, sponsored by the Adelaide City Council took part on Friday 5th October. Approximately forty children and their parents took part. The morning commenced with a smoking ceremony conducted by Tamaru (a Kurna cultural facilitator).

The group then split and visited five event stations as follows:

- Basecamp Dome – interpretation ants / butterflies / plants (microscopes provided by the South Australian Museum) and ant farm.
- Central log – site maintenance (listen and learn, questions, plant ID activity/drawing)
- Ancient Red Gum – meat ant nest and highway (photography)
- Smaller log – patterns/textures in nature (painting/rubbings)
- Roving Kurna talk (listen and learn, questions, Kurna language, plant uses).

Thanks to members James van Loenen, Sandy Ahmed. Jan Forrest and Fan Feng for their help.



20th ANNIVERSARY GET TOGETHER**Sunday 9th December, 2018**

The inaugural meeting of BCSA was held on 29th July 1998.

Whoops, we missed the 20th anniversary! The date of

incorporation however was 11th December 1998 so on

SUNDAY 9th December we are inviting all members to attend a get together in the Clarence Park Community Centre hall (not the Clarence Room) East Avenue at 6.00pm for 6.30pm to celebrate 20 years of Butterfly Conservation SA.



To assist with catering. Those attending with surnames starting with A - M please bring a savoury dish to share. Those with surnames starting N - Z a sweets dish.

We plan to organise a liquor licence and will have some wine available also some soft drink however if you would like to bring a bottle of what you usually drink, to share, that would be great. Tea and coffee will be supplied. There is an oven available in the kitchen if anyone would like to heat up something.

The program will include

- highlights of 20 years of BCSA
- an overview of current projects including the moth book, Friends of the Chequered Copper butterfly, Cleland project
- **launch of Roger's re-designed web site**
- presentation of life member certificates
- and several other items of interest to everyone.

Not a lot of talking just an opportunity to swap stories, meet new friends and chat to old ones.

Please RSVP to secretary Brett Oakes BY 1st December. secretary@butterflyconservationsa.net.au or phone: 0415 997 526 (leave a message if there is no answer).

SOPHIE'S PATCH OPEN GARDEN**10th , 11th and 12th November 2018**

Sophie's Patch Spring Open Garden will have a fabulous program of speakers, nurseries, refreshments and surprises providing entertainment and inspiration for the thousands of visitors from across Australia who visit this dry lands garden.

Hear from: experts on backyard poultry, how to attract butterflies and birds to your garden, the importance of native bees and how to attract them, tips on keeping bees at home, organic vegie gardening, advice on growing Mediterranean climate fruit trees and making a succulent Christmas tree as a table centre piece.

Kids activities: Kate Hubmayer will teach nature craft for kids on Saturday and Kristen Messenger from Bugs n Slugs will supervise bug related kids activities on Sunday.

Our promotion stall. If you are available to assist on the BCSA promotion stall please contact Convener Linda Shmith linda@lindashmith.com.au or Secretary Brett Oakes secretary@butterflyconservationsa.net.au



THANKS to Michelle Kaye, Jan Forrest, Brett Oakes and Marion Moore for your help on the BCSA stand at the Australian Plants Show in September with special thanks to Andrew Walters for setting it up and Karen Lane for her work in placing butterfly plant tags on plants for sale.

WHAT'S FOR SALE? - IN OUR 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 may purchase a book for \$20). Postage \$7.

"The Making of a Monarch" by Linda Shmith 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.

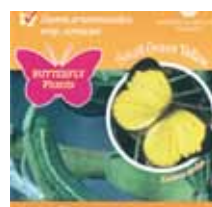
Single posters: *"Bats of SE South Australia"* and *"The Bilby - Endangered Species"* posters are available for \$5 each, plus postage.

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@butterflyconservationsa.net.au or write to the Secretary C/- South Australian Museum, North Terrace, ADELAIDE. 5000 or check out the **ON-LINE STORE** at www.butterflyconservationsa.net.au.



EXCURSION

In March this year Dr. Richard Glatz provided an excellent overview of the work being done to conserve the Bitterbush Blue Butterfly *Theclinesthes albocincta* and it was suggested we arrange an excursion so some of the areas around Port Adelaide and Gawler where the butterfly has been located, with a possible visit to Torrens Island.

November was originally suggested however Richard has advised November might be too early to be sure of seeing the butterfly so he suggests early-mid December or late-Feb / early-March next year.

We will advise members via **email** of the date, time and locations we plan to visit, however if you receive your newsletter **via mail** please telephone the new Secretary Brett Oakes and advise him you would like to attend and receive information containing the excursion details when they are known.

CONTACT: Brett Oakes secretary@butterflyconservationsa.net.au or phone 0415 997 526 (leave a message if there is no answer).

WELCOME TO NEW MEMBERS

Alex Blackall
Greg Coote
Sandy Ahmed
Steven Paterson
Dru Reschke
Marian McDuie
Ashley Campbell
Patsy Muirder
Debra Bradley
Marilyn Hughes
Fan Feng
Emma Davey
Tiffany Boyer
Julie-Anne Fazzalari
Christine Adams
Simon Nash

MEMBERSHIP RENEWAL REMINDER

Members, please renew your membership fees before the 31 December 2018.
All members will receive an invoice, including a request for a donation towards the website. Financial members do not need to pay additional membership fees; however the invoice will enable you to make a donation. Thank you for continuing your membership and we will gratefully accept any donation.

BUTTERFLY CONSERVATION SA Inc.

C/- South Australian Museum, North Terrace, ADELAIDE, 5000
Email: info@butterflyconservationsa.net.au
Chairman: Mike Moore - chairman@butterflyconservationsa.net.au
Secretary: Brett Oakes - secretary@butterflyconservationsa.net.au 0415 997 526
Newsletter Editor: Jan Forrest OAM - editor@butterflyconservationsa.net.au
Treasurer: Dianne Lynch - treasurer@butterflyconservationsa.net.au
Membership Officer: Gil Hollamby - membership@butterflyconservationsa.net.au
Publications Officer: Gerry Butler - publications@butterflyconservationsa.net.au
Committee: Andrew Lines, David Keane, John Wilson, Beth Keane, Bernadette Johnson, Bryan Haywood (endangered species advocate) and Cristy Seymour (Social Media).
Consultants: Roger Grund 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 Mike Moore.

PUBLIC TALKS PROGRAM 2019: first Tuesday March - November, Plympton Community Centre, 34 Long Street, Plympton. 6.15pm for a 6.30pm start to 8.30pm.
Next talk: 5th March. 6.30pm topic to be advised.

WEB SITES

BCSA official website - Butterfly Conservation SA - www.butterflyconservationsa.net.au
The former domain name **Butterfly Gardening** - www.butterflygardening.net.au is also still available and links directly to the new BCSA site.
South Australian Butterflies (R Grund private site) - <http://www.sabutterflies.org.au> (has been off-line however it will be back on-line shortly).
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



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

Articles for the next newsletter to:
'The Editor'
BCSA Newsletter C/-
editor@butterflyconservationsa.net.au

Please send images separately as a .jpg, not embedded in a word document.



Butterfly-Conservation-South-Australia



ButterflyConSA



Butterfly_Conservation_SA