



BUTTERFLY CONSERVATION SA INC.

Founded 25th July 1998 Adelaide, South Australia.

NEWSLETTER

No. 82: February 2023

LAUNCH OF THE BUTTERFLY CONSERVATION SA 25th YEAR CELEBRATIONS

Welcome to the BCSA 25th year celebrations in 2023. This milestone is very significant for any community organisation but especially so for an organisation that is focussing the community on conservation and management of Lepidoptera.

We are going to continue our highly acclaimed Public Talks program, now in its 14th year, and Jan Forrest OAM has gathered together a fascinating and engaging program.

As a special celebration of the 25th year's activities and our core business, we are seeking 13 sensational photos of Lepidoptera to publish in a 2024 calendar which we will make available at our AGM in September 2023 and online from our store.

We are inviting members and the general public to contribute their best photos, and the guidelines for submission of the photos are found on page 7 and on our website and Facebook page. First prize, which will grace the cover of the calendar, will earn the photographer \$200, with additional prizes for other entries.

Your association will be conducting a number of other activities, including public displays at events such as Animal Expo (1-2 April) and Sophie's Patch (8-10 April). We shall also offer excursions to private properties during Spring, and a Butterfly Count in association with the Great Southern Bioblitz (24-27 November 2023). The year will culminate in a special presentation by Professor Bob Hill in a ticketed catered event.

In addition, we have ongoing collaborations with the Australian Association of Environmental Education – Bringing Back the Butterflies and *Ferox australis*, coordinators of the Great Southern Bioblitz – as many hands make light work. We are also building on the success of 'Herding Caterpillars' with a number of projects being developed with schools and community butterfly gardens.

We are pleased that our advocacy for Lepidoptera has stimulated the SA Government to undertake a desktop survey and workshop, in March 2023, on the status of 85 species of butterflies found in SA.

This will be a very engaging year for Butterfly Conservation, members and the wider community interested in butterflies and moths. We know how important they are to our society as pollinators and food for other species, to name just a few of the ecosystem services in the natural world.

We encourage you to get involved and help celebrate our 25th year.

Gerry Butler,
Chairperson.

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The class (committee) of 23. Sarah McDonald, Jan Forrest, Lionel Edwards, Mike Moore, Gerry Butler, Gil Hollamby and Bernadette Johnson. Absent: Ann Winter, Bryan Haywood, Sukhpreet Singh Bala and Dan Daneshi.

BUTTERFLY CONSERVATION SA. INC. Membership enquiries: membership@butterflyconservationsa.net.au or online: 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 direct debit: treasurer@butterflyconservationsa.net.au with name, amount and item.

BUTTERFLY CONSERVATION SA Inc. 25 years of KEY MILESTONES

1998

- First Meeting 25th July. Attendees: David Keane, Beth Rostron, Terry Reardon, Bob Fisher OAM, Roger Grund, Mike Moore, Marcus Pickett, Lindsay Hunt and Jan Forrest OAM. Apology: Vicki Jo-Russell.
- First Chairman Beth Rostron (Keane), Secretary Jan Forrest, Treasurer / Membership secretary David Keane.
- Constitution drafted.

1998

- Date of incorporation: 11th December, 1998.
- Logo using Charles McCubbin's postage stamp design of the Wood White butterfly *Delias aganippe* designed.

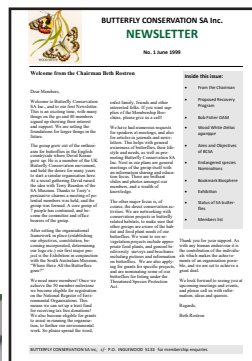


Beth Rostron first Chairman



1999 June

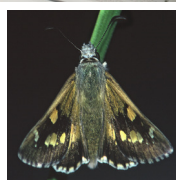
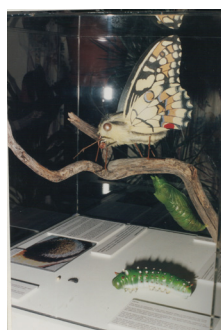
- First newsletter produced by Jan Forrest OAM.
- 40 members listed.
- First Honorary Member Robert H (Bob) Fisher OAM.
- South Australian Museum Exhibition 'Where have all the butterflies gone?' opens at Carrick Hill in September.



Exhibition at Carrick Hill September, 1999: 'Where have all the butterflies gone?'

2000

- Exhibition above opens at the South Australian Museum after renovations at the Museum completed.
- Action plan to conserve butterfly habitat adopted following a workshop.
- Roger Grund undertakes a survey on Yorke Peninsula on the Yellow Sedge-skipper *Hesperilla flavescens flavia*.



2001

- Specimen of the Large grass-yellow *Eurema hecabe* is discovered by David Keane on Finnis Station 100km North of Roxby Downs – a new locality record for South Australia and believed to be only the second specimen collected in this state.
- Sighting of a Tailed Emperor *Polyura sempronius* second instar larva feeding on Golden Wattle *Acacia pycnantha*. First time this species had been recorded feeding on an *Acacia* sp.



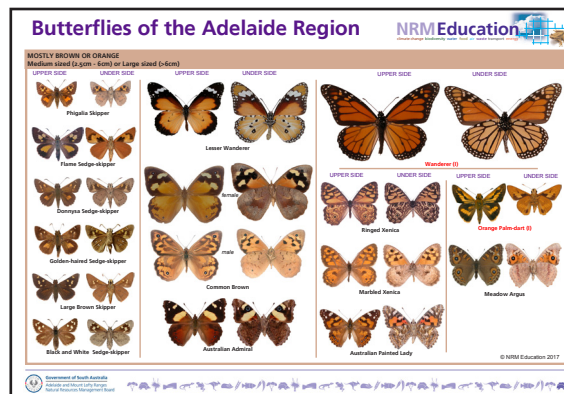
2002 October

- Excursion to Glenshira.
- Members Roger Grund and Trevor Rowe photograph the upperside and underside of pinned specimens of every South Australian species at the South Australian Museum.



2002 Excursion to Glenshira.

These images form the basis of the NRM and BCSA identification sheets available to download from our website.



2004

- Two new butterfly species described – *Candalides noelkeri* from Natimuk in the Wimmera of Western Victoria published by Michael Braby and a new subspecies of *Croitana arenaria pilepudla* from Eyre Peninsula published by Roger Grund, however originally collected by Mike Moore in 1988.
- BCSA first website created by Trevor Rowe.
- first two fact sheets created by Jan Forrest - 'Butterflies an introduction' and 'Attracting butterflies to your garden'.
- Orange palm-dart *Cephrènes augiades sperthias* arrives in Adelaide.
- Southern field day.



2004 Maria Johns and Lois Hasenohr APS show. 2004 Southern Field day.

2005

- Excursion to Myponga.
- 'Bring back the butterflies' campaign strategy developed. Logo, display material and power point presentation produced. Butterfly book commenced.
- Tammy Lane launches Butterfly exhibition for her Duke of Edinburgh Award.



2005 Tammy Lane's butterfly exhibition.

- **2006**
- Excursion to Minnawarra.
- Displays at APS, gardening shows and expos.
- Launch schools and youth groups project.
- Holiday activity program at the SA Museum.
- Website updated.
- Butterfly site sign designed and Butterfly Sites launched.
- Launch of 'Butterfly Watch' by 'Charles Darwin' at the South Australian Museum.
- Death of Lindsay F. Hunt.



2006 Excursion to Minnawarra.



www.butterflygardening.net.au



2006 Jan Forrest OAM Launch of 'Butterfly Watch' South Australian Museum.



Lindsay F. Hunt

2007

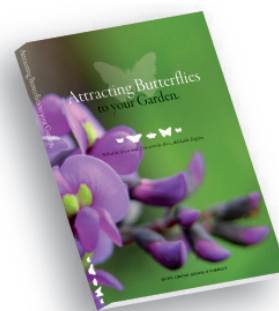
- Death of Robert H. Fisher OAM.
- Launch of the new BCSA website at Wittunga by Professor Chris Daniels.
- Launch of our book 'Attracting butterflies to your garden what to grow and conserve in the Adelaide Region' at the South Australian Museum.
- Exhibition 'Bringing back the butterflies' launched at the South Australian Museum.
- 29,000 visitors attend the butterfly exhibition.



Bob Fisher OAM and Jan Forrest OAM at the South Australian Museum.



2007 Launch of new website, Prof. Chris Daniels at Wittunga.



2007 Left. Aldinga Scrub excursion.
Above. Morialta Falls excursion.

2008

- The first 10 years CD produced by Trevor Rowe and all newsletters indexed.
- Butterfly sites prove popular with schools and kindergartens.



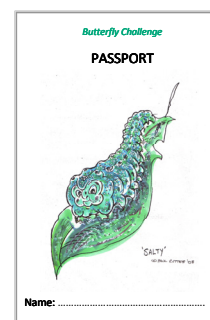
2008 Left. David Keane at Animal Expo. and above Roger Grund at APS show.



2008 Roger Grund presents site sign to students at Westbourne Park Primary School.

2009

- Butterfly Challenge for children introduced.



2009 David Keane at joint Museum and BCSA display.



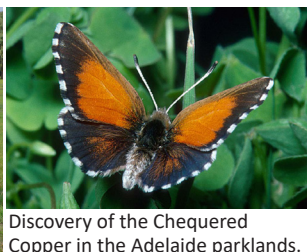
2009 Jan Forrest OAM with Lois Hasenohr at APS show.

2010

- Butterfly exhibit produced for the Biodiversity Gallery in the South Australian Museum.
- 'Butterfly Gardens' video produced for schools.

2011

- First public talk program produced.
- Chequered Copper butterfly *Lucia limbaria* found in the former Victoria Park by member Janet Subagio.
- Adelaide City Council conserve this habitat area.
- Purnong excursion.



Discovery of the Chequered Copper in the Adelaide parklands.



2011 Purnong excursions. Left. Isabella Keane and Gerry Butler. Right. David Keane and Gerry Butler.

2012

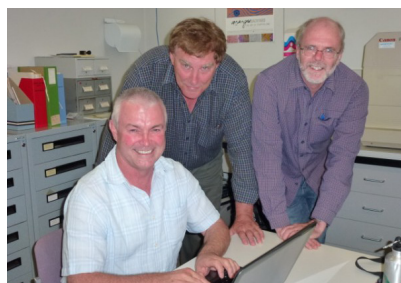
- Moth posters created and launched at the APS show.



2012 Jill Davy, Peter McQuilland and Gerry Butler 'Moth posters' launch, Wayville.



2012 committee. Gerry Butler, Beth Keane, Jill Davy, Gil Hollamby, Jan Forrest OAM, Mike Moore. Photo David Keane. Absent Vanessa Duran and Roger Grundt.



2012 Gerry Butler, David Keane and Peter McQuillan checking out images for moth book. Jan Forrest photo.

- 2013



2013 Jan Forrest presents site sign to students at Port Adelaide PS.

2014

- Plant tags created.
- Spider posters created.
- Work on the moth book commences.
- Pull up banners created.



2014 Gerry Butler, APS show, Wayville.

2015

- Deaths of Trevor Rowe and Lois Hasenohr.



2015 Linda Shmith at Sophie's patch.

2016

- Excursion to Milang to search for Wanderer butterflies overwintering.
- Butterfly forum held Waite Campus Childrens Centre.



2016 excursion to Milang.



2016 Butterfly Forum, Waite Childrens Centre. Gil Hollamby, Jan Forrest OAM, Bernadette Johnson, Linda Shmith, Mike Moore, Andrew Lines, Margaret Woodcock, John Wilson, Gerry Butler and David Keane.



2016 Andrew Lines and John Wilson inspect caterpillar cage.

2017

- 2nd Butterfly Forum held in the Royal Society rooms.
- BCSA website re-designed by Klik.
- Excursion to Inman Valley.
- Visit to Monarto Zoo to assist with visitor services.
- Work starts on the Moth book.



2017 Butterfly Forum Royal Soc. SAMuseum. Above. Mike Moore with Peter Hudson Collection Manager. Left: Mike Moore, Jan Forrest, Andreas Alexandrou, Gerry Butler and Peter McQuillan



2017 Gil Hollamby and Andrew Walters at Monarto Zoo with staff.



2017 Margaret Lee at Sophie's Patch.



2017 Jan Forrest and Peter McQuillan working on moth book.

2018

- Creation of the Friends of the Chequered Copper butterfly.
- Chequered Copper ACC sponsored event in the Adelaide parklands.
- SA butterfly website authored by Roger Grund redesigned by Fan Feng from CMU.
- Creation of butterfly house at Cleland Wildlife Park.
- Return of the 'Bringing back the butterflies' exhibition at Cleland.
- Excursion to Hindmarsh Island.



2018 Brett Oakes at APS show.



2018 Butterfly House at Cleland Wildlife Park and Exhibition at Cleland Wildlife Park.



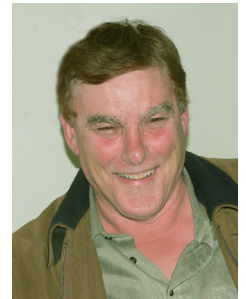
2018 PR photo. Jan Forrest OAM and Mike Moore.



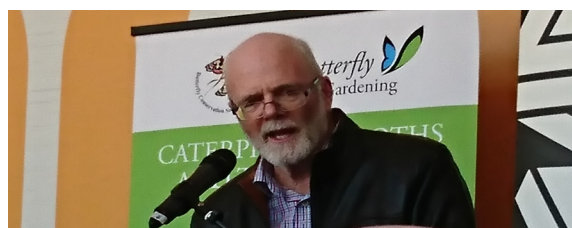
2018 Launch of SA Butterfly website. Mike Moore, Roger Grund and Fan Feng.

2019

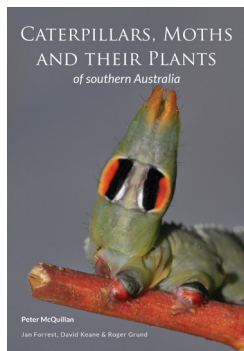
- Death of David Keane.
- Bitterbush Blue *Theclines thes albocincta* excursion to Port Gawler and Outer Harbour.
- Launch of the book 'Caterpillars moths and their plants of southern Australia' in the foyer of the South Australian Museum.



2019 Excursion to Port Gawler to hunt for the Bitterbush-blue with Richard Glatz. Top left. Margaret Bungey, Karen Lane and Marion Moore. Top right. Gil Hollamby. Above. Richard Glatz with the whole group.



2019 Peter McQuillan at the launch of the moth book at the South Australian Museum.



2019 Gerry Butler, Peter McQuillan, Roger Grund OAM, Jan Forrest OAM with Museum Director Brian Oldman.



2019 Friends of the Chequered Copper.



2019 Gil Hollamby and Anne Frodsham at Sophie's Patch.

2020

- Adelaide parklands field day at Chequered copper site.
- DGR status approved for BCSA.
- Silver xenica *Oreixenica lathoniella herceus* relocated to the south east.
- Excursion to Hindmarsh Island.



2020 APS Sarah McDonald and Gerry Butler.

2021

- 10,500 transparencies of butterfly life histories donated by Roger Grund's family. Work to select, record and digitise a selection of each species commenced.
- The parklands project and world premiere of the theatrical event 'Herding Caterpillars'.
- Conservation of butterflies workshop held sponsored by Green Adelaide.
- 'Why nectar is important to butterflies and where do they find it?' talk by Peter McQuillan ticketed event in the South Australian Museum foyer.



2021 Roger Grund and his collection (2019).



2021 Sarah McDonald the Linda Shmith at Sophie's Patch.



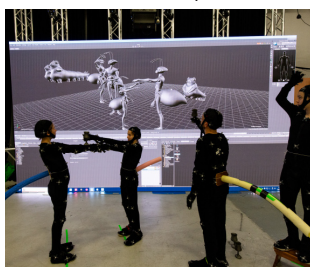
2021 Herding Caterpillars Theatrical event in the south parklands.

2022

- Sophie Thomson accepted our invitation to be Patron of BCSA.
- Roger Grund awarded the OAM on Australia Day.
- Volunteer week parade.
- 'Herding caterpillars VR' launched. Public performances in the Institute Building North Terrace and art installations on the Museum lawns, south parklands and in MOD (Flinders University).
- End of year ticketed public talk 'What caterpillar is that?' presented by Peter McQuillan.
- Work started on the 'What caterpillar is that?' website and phone app.



2022 Volunteer week parade.



2022 Herding caterpillars VR event. Making the VR experience, giant caterpillar on the South Australian Museum lawns and the team at the Institute building on North Terrace.

Thank you to everyone who has shared photos taken at BCSA events.

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.

Winners of the competition will be announced at the 5th September BCSA 2023 Public Talk.

Thirteen images will be chosen for a proposed 2024 Butterfly Conservation SA Silver Anniversary calendar. In addition, appropriate images may be used in the "What caterpillar is that?" website and phone app. presently being created and due for launch during 2024.

Image format: Preferably print publication quality.

Copyright: remains with the photographer but in submitting an image the photographer authorises Butterfly Conservation SA to use that image in any publication (printed or digital) including websites and phone apps, now and into the future. Images will not be provided to any third party. The name or pseudonym of the photographer will be acknowledged in the publication.

Please title the image with the following information:

your name or pseudonym
locality where the photograph was taken
identification of insect/animal/plant (if known).

Please email this form and send your digital images either attached or via an online storage location to: editor@butterflyconservationsa.net.au by 1st July 2023.

**BUTTERFLY CONSERVATION SA SILVER JUBILEE PHOTOGRAPHIC
COMPETITION 2023**

APPLICATION FORM

Name:

Phone Number:EMAIL:

Address:

Acknowledgement name (if different to your legal name):

How many images are you submitting?

I agree that images submitted by me may be used by Butterfly Conservation SA for publication in any printed format, website, phone app. or display and that my images will be displayed under the 'Not for Profit Creative Commons licence'.

I understand Butterfly Conservation SA will not provide my image/s to a third party and that my name or pseudonym will be acknowledged.

Name: Signed Date

Winners of this competition will be announced at the advertised at the 5th September 2023 Butterfly Conservation SA Public Talks meeting.

Please sent your application and digital images to: editor@butterflyconservationsa.net.au by the due date of 1st July 2023.

Butterfly Conservation South Australia Inc.

presents the thirteenth

PUBLIC TALKS PROGRAM 2023

On 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).

NOTE: the March meeting will be held in the Plympton/
Kurralt Park Girl Guide Hall, corner of Daly Street & Cross
Terrace, Kurralt Park. Parking in Cross Terrace.

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*

BUTTERFLY CONSERVATION SA INC.

C/- PO Box 4, DAW PARK. 5041.

For further information contact: Jan Forrest 8297 8230
Annual membership: \$10 per year. Plus \$10 if you choose to
receive the newsletter via mail. Life Membership \$200.

Website: www.butterflyconservationsa.net.au

Resources for sale: at public talk meetings or on-line at
www.butterflyconservationsa.net.au/shop.

Books 'Attracting butterflies to your garden, what to grow
and conserve in the Adelaide region' (2nd edition).

'Caterpillars, moths and their plants of southern Australia'.
Large spider posters, A3 size moth posters and plant tags.



PUBLIC TALKS PROGRAM 2023

7th March Australian birds and their role as Plant pollinators, Seed dispersers and Plant pest controllers. This talk by Birds SA's John Gitsham will provide an interesting comparison for Butterfly enthusiasts, as our native birds share the pollination role of our native plants with butterflies. **NOTE:** due to building works at Plympton the venue for March will be **Plympton/Kurralt Park Girl Guide Hall, corner of Daly Street & Cross Terrace, Kurralt Park.** Parking in Cross Terrace.

4th April Evolution and ecology of the small mammals of Australia. Presented by Emeritus Professor Bill Breed from the University of Adelaide. The Australian mammal fauna is highly diverse with around half of the species being marsupials and the other half rodents and bats. In this talk Professor Breed will summarise how and why this is the case.

2nd May: An introduction to gall midges. Presented by Dr Peter Kolesik, Honorary Research Associate, South Australian Museum. Larvae of gall midges induce elaborate malformations on plants. They feed on fungi or hunt for mites and insects. This talk will provide guidance on how to spot and rear a species new to science.

6th June: Planning your garden. Landscape designer Annette Burmeister will provide an insight into how gardens are designed and provide hints about 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 is 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 Honeybees friend and foe: Rossi von der Borch from the Beekeepers' Society of South Australia will speak about the social organisation of the European Honeybee (*Apis mellifera*), the pros and cons of suburban beekeeping, and the part beekeepers can play in the revegetation of urban and rural lands. An excursion to The Bee Hub and the walking trails 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

BCSA SUCCESSION PLANNING

Gerry Butler

As with every voluntary organisation, over time there is a need for renewal and replacement of people who give their time freely to an organisation such as Butterfly Conservation SA (BCSA). There are many skills needed to run BCSA and these can be found in our membership and the wider community.

Skills that we need are leadership, administration, financial, organisational, engagement and all the other things that make up a successful community body respected for its intellect, advocacy and learning. We know WHAT needs to be done and we know WHY and we want to know if YOU will be involved?

Recently BCSA Committee undertook the first of a series of succession planning workshops and we will keep you informed on these deliberations.

Please call Gerry (0407972149) or Sukhpreet (0469738781) or contact a Committee member to discuss the opportunities or roles you may find in our organisation.

7th March Australian birds and their role as Plant pollinators, Seed dispersers and Plant pest controllers. This talk by Birds SA's John Gitsham will provide an interesting comparison for Butterfly enthusiasts as our native birds share the pollination role of our native plants with butterflies. **NOTE VENUE:** Plympton/Kurrulta Park Girl Guide Hall, corner of Daly Street & Cross Terrace, Kurrulta Park. Parking in Cross Terrace.

Birding and Nature Connections is owned and managed by John Gitsham. John has been a passionate naturalist, birdwatcher and conservationist for over 40 years. He graduated from the SA School of Art and was a Commercial Professional Photographer for 18 years in the 1970-80's and taught photography at TAFE SA for a couple of years. He studied Ecotourism and Conservation Biology at Flinders University where he achieved his Bachelor's Degree in 2006.



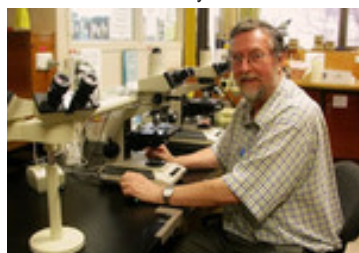
John has worked in the conservation business for over twenty years as a Land & Wildlife Manager, Environmental Project Officer, Eco-tour Guide and Nature Educator for several private conservation-based NGO's as well as a Senior and Head Park Ranger with SA Government National Parks & Wildlife service.

He is still a passionate Birder, Bird photographer and Artist, and has facilitated many workshops and given many public talks about birds and courses on Birds and Birdwatching for over 15 years, from Birds Australia's Gluepot Bird Reserve in the Mallee above Waikerie in the Riverland to local birdwatching and monitoring courses/workshops through the SA Government's NRM Citizen Science programs, Friends of Parks Volunteers Education program and the Adelaide based Adult Education Programs run through the WEA.

John is extremely dedicated to bird and habitat conservation, and is the immediate past President of Birds SA (The South Australian Ornithological Association) and a member of the Management Committee of the world renowned Birdlife Australia's Gluepot Bird Reserve. He also volunteered once a week at the Ornithology Section of the South Australian Museum working on the Bird Skins collection and cataloguing the collection. John's other avian passions, apart from birdwatching, are bird photography, painting and drawing birds and collecting books about birds and conservation.

4th April Evolution and ecology of the small mammals of Australia. Presented by Emeritus Professor Bill Breed from the University of Adelaide. The Australian mammal fauna is highly diverse with around half of the species being marsupials and the other half rodents and bats. In this talk Professor Breed will summarise how and why this is the case.

Emeritus Prof. Bill Breed (Retired February 2015) is a reproductive biologist whose main research focus is on the evolution and morphology of gametes and fertilisation using Australian rodents and marsupials.



He has published around 185 papers (including 2 in Nature) in morphological, zoological, and reproductive biological journals. Late in 2007 he and Fred Ford had a book

published by CSIRO in their Australian Natural History series entitled "Native Mice and Rats". He has also published 20 review articles including one, with Prof. Brian Setchell, on mammalian male reproductive anatomy in the 3rd edition of "Knobil and Neill's Physiology of Reproduction".

He was an Editorial Board Member of the journal Reproduction for 6 years and wrote, with Ken Aplin, the introduction sections on rodents in the 3rd edition of "Mammals of Australia" edited by S. Van Dyck and R. Strahan. He is a past president of the Australian Mammal Society, a research associate of the Royal Zoological Society of South Australia, and a fellow of The Royal Society of South Australia.

Bill has supervised 15 completed PhD, 1 MSc, and 53 honours student projects (all either 1st or upper 2A degrees). He was the overseas co-supervisor of two PhD students, funded by The Royal Golden Jubilee Postgraduate programme in Thailand.

Bill's present research projects include studies on co-evolution of sperm and eggs of Australian mammals and the effects of sexual selection on sperm design. Some of his other studies have included investigations on sperm nuclear chromatin organisation, sperm head and tail cytoskeletal protein organisation, and the evolution of egg coat zona pellucida glycoproteins.

2nd May. An Introduction to Gall Midges. Presented by Dr Peter Kolesik, Honorary Research Associate, South Australian Museum. Larvae of gall midges induce elaborate malformations on plants. They feed on fungi or hunt for mites and insects. This talk will provide guidance on how to spot and rear a species new to science.

Honorary Research Associate at the South Australian Museum, Dr Peter Kolesik is a scientific advisor to pharmaceutical companies that develop drugs against epilepsy, chronic pain, depression, and cancer.



In his spare time, he studies gall midges that are pests or control agents in natural environments and plant industries of Australia, Asia, Africa and South America.

When Peter first emigrated to Australia over 30 years ago he visited the South Australian Museum seeking to look at the Cecidomyiidae collections. At that time the Museum collection consisted of half a dozen adult pinned adult specimens, about the same number of vials containing specimens in ethanal and a dozen specimens on microscope slides.

Today the Cecidomyiid (gall midge) collection totals thousands of specimens including many types of new species many of which Peter has described. Our Museum now holds the most comprehensive collection of this group of insects in Australia, all due to the work undertaken by Peter Kolesik.



Photos Manfred Jusiatis: Gall midge infesting host plants *Enchylaena tomentosa* (left) and *Maireana brevifolia* (right).

MEMBERS WHO HAVE PLAYED A SIGNIFICANT ROLE DURING THE LAST 25 YEARS OF BUTTERFLY CONSERVATION SA (legend to photos next page)



LEGEND TO PHOTOS



During October last year Chairman Gerry Butler represented BCSA at the Port Augusta Garden Club at a workshop funded by the Arid Lands Grassroots grant.

Speakers included:

Gerry Butler Butterfly Conservation SA.

Jeff Bowey Honey Bees.

Maggie McLean Native Bees.

Peter Langdon Birds

Paul Hodges Cactus Control.

The garden club are now proudly showing their butterfly site sign see photo below taken by Gerry Butler.



Guest Speakers at Port Augusta Garden club. Gerry Butler (butterflies) from Butterfly Conservation SA; Peter Langdon (birds) from Arid Lands Botanic Gardens; Jeff Bowey (Honey Bees) & Maggie McLean (Native Bees). Absent: Paul Hodges (Cactus Control).

ARE YOU WILLING TO PUT UP YOUR HAND?

BCSA is not alone in trying to find members willing to take on positions within the organisation. As with many volunteer organisations, some of our key personnel are becoming older and there is a need to seek out younger members willing to help. Some positions require joining the committee but many jobs do not require that bi-monthly meeting commitment.

At a recent committee workshop a number of tasks were identified where we would like some help.

Chairman - Gerry Butler will not be continuing next year. These are big shoes to fill however we sure there is someone out there who would love to join the team and steer the committee for the next few years.

Treasurer - Dan Daneshi has done a brilliant job unfortunately however, due to pressure of work he has recently resigned. Filling this position is urgent.

Video editing - Lionel Edwards has been doing this along with website maintenance however we would like to split this role. Anyone with these skills will find this job very rewarding. We will have a number of caterpillar videos to edit for the new caterpillar

website as well as editing public talk recordings.

Minute Secretary - Gil Hollamby has taken back this role recently as well as Membership Officer, so someone else to do this would be wonderful. You do not have to be a member of the committee if you do not want to. Meetings are bi-monthly at a committee members' home.

ZOOM convener - at Public Talk meetings. Set up the zoom address, let members know, and on the night of the public talk set up laptops and manage the waiting room.

Assistants to the Secretary, catering convener, meet and greet at Public talks, Newsletter Editor are all jobs that would help the existing members. Currently we do not have anyone responsible for Public Engagement and Promotion. Is this something you may be interested in?

If you can take on any role or are willing to help an existing committee member please have a chat to Gerry or other members of the committee.

We would be very grateful for your help.

See also Gerry's note on page 8.

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

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/>
For queries email: info@butterflyconservationsa.net.au.



Butterfly Site

www.butterflygardening.net.au

BUTTERFLY CONSERVATION SA Inc.

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

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

Email: info@butterflyconservationsa.net.au

Chairman: Gerry Butler - chairman@butterflyconservationsa.net.au 0407972149

Secretary: Sukhpreet Singh Bala - secretary@butterflyconservationsa.net.au

Treasurer: vacant.

Membership: Gil Hollamby - membership@butterflyconservationsa.net.au

Newsletter Editor and Public Talks Convener: Jan Forrest OAM

- editor@butterflyconservationsa.net.au 0419990430

Book sales: Sarah Macdonald - publications@butterflyconservationsa.net.au

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

Mike Moore, Ann Winter and Lionel Edwards (website).

On-line sales: Pushpa Osborne onsales@butterflyconservationsa.net.au

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 2021: 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.

NEXT TALK: 7th March - John Gitsham ornithologist and wildlife photographer *Australian birds and their role as plant pollinators, seed dispersers and plant pest controllers.* **MARCH**

venue only: Plympton/Kurralt Park Girl Guide Hall, corner of Daly Street & Cross Terrace, Kurralt Park. Parking in Cross Terrace.

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 and Moths: <https://sabutterflies.org.au> (authored by Roger Grund OAM and now managed by BCSA).

Landscape SA Boards, Urban Biodiversity: <https://landscape.sa.gov.au/hf/plants-and-animals/native-plants-animals-and-biodiversity/urban-biodiversity>

WELCOME TO NEW MEMBERS

Beth TREGLOWN

Brenton and Laura SHORT

Sabine KOOLEN

Julie MARCUS

Andrew BURNS

George CUSTANCE

Luzia WEISS

Peter STAVAST

rejoining: Ian KAY

NARROW LEAF SWAN PLANTS AVAILABLE

Contact Jan Forrest
0419 990 430
for collection at
Clarence Park.



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