



The C&WM News

September 2017

Annual General Meeting - Wednesday 27th September

7:00 pm at GAZA Sports & Community Club

Corner of Main North East Rd and Wellington St, Klemzig

ACTIVITY PROGRAM

DATE	ACTIVITY	COORDINATOR
September 2017		
04-08	Brookfield CP - Cull	Ali W
19	C&WM Council (meeting 7:00 pm CWA)	Council
22-26	Hiltaba – Spotighting & Cull	Rick F
22-24	IFRNP – Quoll Protection Program	Peter R
23	Accreditation Course (theory)	Gil H
27	C&WM AGM 7:00 pm at Gaza Comm Club	Council
October 2017		
08	NESSCI Range Day	Tony N
08-14	Bimbowrie/Boolcoomatta – Cull	Phil J
17	C&WM Council (meeting 7:00 pm CWA)	Council
20	Vets Training Day at Monarto	Andy D
20-22	IFRNP – Quoll Protection Program	Peter R
21-27	Gawler Ranges NP - Cull	Rick F
22	Range Day at Monarto: 10:00 am – 3:00 pm	Council
29/10-04/11	Vulkathunha-Gammon Ranges NP – Cull (Br: 19/10, DBr: 9/11)	Trevor G
November 2017		
02-09	Southern Flinders: Telowie, Nelshaby, Napperby - Cull	Shane F
04	SSAA State Council AGM (10:30 am at CWA)	Council
09-16	Dutchmans Stern CP & Mt Brown CP – Cull	Nick N & Alan Z
14	C&WM Council (meeting 7:00pm CWA)	Council
17-19	IFRNP – Quoll Protection Program	Peter R
26/11–03/12	Yankaninna - Cull	Dennis D
December 2017		
09	Range Day at Monarto: 10:00 am – 3:00 pm	Council
12	C&WM Council (meeting 7:00 pm CWA)	Council
13	C&WM General Meeting 7:00 pm at Gaza Comm Club	Council
15-18	Brookfield CP - Cull	Ali W
15-19	Hiltaba – Spotighting & Survey	Rick F
16-18	IFRNP – Quoll Protection Program	Peter R

Please note that some DEWNR activities are still subject to approval.

All activity dates cover shooting from first sunrise to last sunset excepting spotighting activities which are from first sunset to last sunrise.



Sporting Shooters' Association of Australia

Conservation & Wildlife Management (SA) Inc.

PO Box 188 Kent Town SA 5071

www.conservation-wildlife.asn.au



Every effort will be made not to make changes, but *please check* the *ACTIVITY PROGRAM* for updates on the website (www.conservation-wildlife.asn.au) and/or contact the Activity Coordinator.

Roo Accreditations: only on demand, please contact Chris C 0415 890 075.

NESSCI Range Days: please contact Tony Nizzola 8123 1705 or Steve Ioakim 0412 584 711.

OFF-PROGRAM ACTIVITIES (irregular): please check with the Activity Coordinator for details before registering.

Fleurieu – Forestry SA	TBA	TBA
Telowie/Burra/Redbanks	Shane F	8634 4362
Buckaringa	Mark P	8380 5336
Yookamurra	Ali W	0412 786 281
Midweek Range (Monarto) - if in addition to above.	Chris C	0415 890 075
Gluepot, Pualco, Pandappa	Phil J	0408 431 750
Southern Mallee	Evan R	8764 2169
Gum Creek, Yankaninna, Bendleby, Arkaba	Dennis D	0409 098 687
Washpool, Witchelina	Kaz H	8339 3507
Ikara-Flinders Ranges NP – Quoll Protection Program (IFRNP-QPP)	Peter R	0457 580 802



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Nomination for Council

v02.14

To the SSAA - C&WM Secretary,

I.....Nominate:.....

For the position of:.....on the C&WM Council.

Proposer:.....Signature:.....Date:.....

Seconder:.....Signature:.....Date:.....

I will accept the above position if elected

Signature:.....Date:.....

(Must be received by the Secretary 14 days before the AGM)



25 Years of SSAA-H&C/C&WM

"Our" organisation, having had its "birth" in late 1991 and field activities started in 1992, means that we have been in existence for some 25 years – about a generation ago. This has brought about "generational" changes – amongst ourselves, our partners and influencing authorities such as government, SAPOL, etc., as well as others who just have differing views of life and nature.

With the passing of time, new generations tend to "re-invent the wheel", and there has been the ever increasing level of litigation, unfortunately, resulting in C&WM now being a far more complex organisation to that at our beginning.

Our partners are also undergoing change due to similar influences, which at times seems like our long term trust, efforts and achievements are not as recognised. There is almost a parallel with the returned soldier after the job having been done.

Much of this can be put down to reminiscing of "the good old days", so I will move on.

SSAA-H&C/C&WM has not only survived, but has evolved and achieved a great deal for community and conservation, while providing opportunities for all of us to live our passions and our fantasies, while learning, seeing and experiencing much of our country and nature.

I encourage you to come to our 25th AGM to not only celebrate our growth and achievements, but to also recognise those who started it all and continued on to develop the organisation to its current, widely recognised and respected standard. In this respect, I would point out our member Gil Hartwig, without whose dedication, efforts and capabilities, the present SSAA-C&WM - just would not be here. Luckily for us, he was the right man, in the right place, at the right time – thank you Gil. *Kaz Herbst*

Secretary's Scribble

I often reflect on my day after work and ask myself the question, what could I have done better (plenty there) and what I have contributed.

As far as Secretary for C&WM, I first volunteered in March 2016, almost some 18 months ago. I have enjoyed it immensely and gain a lot of satisfaction seeing the work we do as a club come to fruition. There are many of us who don't have property to shoot on and C&WM provides that opportunity. I've said it many times but it still rings true, that we are a very select group of highly trained shooters who can enter our national parks with firearms and control feral animals and contribute towards the management of that park and the environment generally. Having said that, we need to protect our professionalism. We have seen recent tragedies and they will reflect badly on shooting, no matter what. Therefore, it's up to us to maintain the standards that have been set, whether it

be training, practical assessment, the manner in which we conduct ourselves in the company of land managers and how we engage our partners and stakeholders with a positive and professional attitude. I see the latter as being very important to our future.

This year has been somewhat of a boom of new members and we welcome them all. Can I say, to those members, if you have not completed either your theory field operative accreditation or, your practical shoot, please do so as a matter of priority. Once you have completed your practical, get a copy of the assessment to me or, Marcus and we can issue the necessary form for Category 7 to be endorsed upon your firearms licence. Programmed shoots are awaiting you, but without the 2 basic accreditations, you are stuck home.

On a personal note, I wish to thank Marcus P as Assistant Secretary for his tremendous help and assistance over the last year, not to forget the other members of Council who have contributed much time and energy in pursuing our common goals. Marcus and I work extremely cooperatively and I think we have achieved a lot, with not only the 2016/2017 renewal, but substantial progress with systems and the validation of our database.

Several members have contacted me about helping out as Minute Secretary and we are talking with those people to settle that position. Thanks to Tim for your effort over the last year.

You will be aware there is to be a new President to be elected this year and I would like to thank Tony for his support to Marcus and me and wish the new President, whoever that may be, all the best.

Hope to see you at the AGM, as they are important events for any club. *Rob Parkes, Secretary*

Zoonosis – a few things to be aware of

In Australia, well known zoonotic diseases include Brucellosis, Leptospirosis and Q-fever. Exposure to these diseases is usually through contact with affected animals or their waste products. Tuberculosis and Bovine Brucellosis were the foremost zoonoses for years but have been eradicated with an Australia wide program, finally being successful in the 1980s. The Brucellosis that remains in Australia is caused by *Brucella suis*, hunting feral pigs is the most common risk factor, as the disease may be picked up either directly from the pig or from their hunting dog that has become infected from the pig.

Leptospirosis is transmitted through the infected urine of domestic or wild animals. The disease is also associated with certain agricultural sectors (e.g. banana plantations, dairy farming, dairy cattle, and pigs) and very occasionally, contact with contaminated water, particularly floodwater.

Transmission of Q-fever is usually airborne through dust contaminated with tissue, as well as coming into

contact with birth fluids, exposure to freshly opened abdomens, or excretions from infected animals. The main reservoirs are goats, cattle, sheep, and kangaroos. C&WM has had a very active program of encouraging members to be vaccinated for Q-fever and keeping members aware of risks associated with zoonotic diseases.

There are also other zoonotic diseases which many of us never think about, but could encounter. One of these is *Scabby mouth* (sometimes called *Orf*) which affects sheep and goats (www.zoetis.com.au/locale-assets/faq/5450scabbymouth.pdf). It is a viral disease that causes scabs and pustules, usually around the mouth and face of affected animals. Animals and humans become infected when abrasions in the skin allow the virus to enter and establish. In infected humans, swollen red nodules with a greyish center leading to scabs may develop on the skin a few days after infection. These should lift and the skin heals, but it may take up to six weeks. Obviously, seek medical advice if anything unusual appears.



Typical mouth lesions (Pic: Toni Jericho)
Flock & Herd December 2012



Hand lesion
Medscape, Orf Clinical Presentation

Other zoonotic diseases that can affect wildlife and domestic animals are: ringworm; campylobacteriosis; and salmonella (both of which cause a very nasty diarrhoea in humans). Fortunately the occurrence of zoonotic disease is uncommon and contact with zoonotic diseases is preventable by taking a number of precautions including practicing good personal hygiene and being aware of animals with strange lesions or that look 'sick'. A good site to visit to learn more is <http://agriculture.vic.gov.au/agriculture/pests-diseases-and-weeds/animal-diseases/zoonoses/zoonoses-animal-diseases-that-may-also-affect-humans>.

Members; 1272, 1458, 1359

Washpool Deer

The last NEWS highlighted the success of the activity and our partners' satisfaction.

The Activity has been suspended for a while due to farming tasks taking place this time of the year, but is re-starting on a reduced scale. This is mainly due to a Forestry SA review of all shooting activities (not related to any C&WM activities), thus significantly reducing areas available to us.

Only one team will be operating until we see how things work out – with community support continuing.
Kaz Herbst

Vision

With advancing age, my eyesight was getting to the point where if a goat did not move – it was not "spotted", and even with a top grade scope, targets were fuzzy.

A visit to an ophthalmologist resulted in the diagnosis of cataracts (discoloration, opaqueness and hardening of lenses) as being the problem.

The replacement of original lenses is a relatively simple surgical procedure taking about 2.5 hours in a hospital and 4 weeks of simple after-care per eye.

The end result in most cases is better than 20/20 vision – which seems to have been shared by quite a few C&WM members. *Kaz Herbst*

The Yellow-Footed Rock-Wallaby Preservation Association (YFRWPA)

In about 1993, H&C (now C&WM) was invited by the owners of Willow Springs Station, adjacent to Flinders Ranges National Park, to cull goats in The Bunkers Block of their property.

This activity continued for several years, during which a yellow-footed rock-wallaby (YFRW) (then a rare and threatened species) was spotted in Minnitinni Springs, giving rise to the idea of a conservation project.

As the property owners indicated being quite partial to selling The Bunkers Block (142 km²) – a survey of H&C members was initiated, indicating that about 80 would be interested in participating.

H&C allocated \$3,000 for the setting-up of a separate association with the objective of land purchase and establishment of a reserve for the conservation of the YFRW, which was done under the leadership of Gil Hartwig.

H&C further assisted expediting the project by purchasing 30 memberships (\$30,000) for "time payment" resale to its members and friends who did not have \$1,000 readily available.

The YFRWPA has now been operating successfully and with considerable infrastructure development for nearly 15 years.

The YFRWPA, although a separate organisation, has grown from the activities and with the support of the membership of C&WM, establishing a strong relationship based on shared conservation objectives.

With the passage of time, some memberships are becoming available for transfer, and I would suggest that taking these up would be highly satisfying for C&WM members.

Yes, there is a cost, as those who stretched their finances and put in effort over many years can reasonably expect some "appreciation" – the current expectation is up to \$1,800 for a membership.



What do you get? – wilderness experience, “warm fuzzies”, camping with good facilities, conservation activities (feral and weed control, surveys, monitoring, etc.), ultimate scenery, photography opportunities, involvement with like-minded people, and the list goes on..... *Kaz Herbst*

Photos

Occasional we require photos to help promote C&WM or associated organisations such as the Conservation and Hunting Alliance of South Australia (CHASA). We are interested in a range of photos; landscapes of the areas hunted, people in the field, around camp, general wildlife, etc.

If you have any suitable photos that you would be happy to share, acknowledging that they may appear in our material or that of CHASA or SSAA, etc., please email to: merchandise@conservation-wildlife.asn.au. Please label the photo with your name, date it was taken and location. Feel free to add any additional information, especially if a number of people occur in the photo, or there are any caveats around how the photo can be used. *Scott Jennings*

25 Year History Project

I have done a lot of research and some interpretation of results and believe I have identified the most prominent parts of our 25 year history. I will run a small slide presentation after the 2017 AGM illustrating a selection of these events to obtain your feedback. There are some mysteries where I cannot yet interpret the data in a way which passes muster: correlation between ecology and 'roos increasing and goats decreasing, farming wild goats, SSAA's attitude to C&WM, the binding force that keeps C&WM together, how fast the club is going forwards, why we keep our light under a bushel?

There are two key observations where I am looking for additional contributions to the chapter on *How We Hunt*. The size of goat mobs is important to how we tackle the hunt and how efficiently, percentage goats seen that are culled, and goat group number varies due to several factors including: recent weather, time of day, wind, food supply, recent shooting or mustering activity, vehicular activity, recent aerial activity, recent loss of experienced goats (leaders) and just capricious days. I believe you all will have made these observations and some of you may recall or have notes, please share!

When we spotlight we sometimes find families of kittens, I'd like to know when, where, how many kittens and how they behaved. I am also interested to hear about any cat (or fox) hunting or observations during the daytime, cats are nocturnal on hot days but crepuscular and active during day, especially in the cooler months.

I'm aiming to complete the book before our 26th AGM. I would be very happy to welcome volunteer writers or researchers to help with the history project. The book won't go to print until the data has been well verified,

interpretations tested and the prose edited and proof read. I plan seven chapters comprising around 140 pages in an A5 style book. The final price will be determined by print run and if we are able to obtain any external support.

The club has done a lot and with wide diversity. The book is intended to record that achievement, helping new members recognize the skills they possess and are acquiring. For the older members the book will give them some documentary evidence to support their reminiscence and some hard data to show just how much the ecosystem has benefitted.

Since first planning the book I have learned a lot about Bounceback. This landscape scale DEWNR led partnership has probably sustained our club and our group has made Bounceback's biggest volunteer contribution. Bounceback celebrates 25 years this year and the two stories nicely intertwine for a planned chapter in the book.

I hope the book can be utilized to help members draw in new partners for the club and get us involved with a greater spectrum of activities with an environmental outcome (such as the feral cat eradication program on KI). I see few technical links with C&WM branches in other states (an opportunity for improvement) and I believe there is a big opportunity for a more enlightened parent organisation.

The *25 Year History of C&WM* will show that ground shooting in teams has substantial benefits over other scientific methods used for feral animal control and is most effective when used in conjunction with other methods; the product is greater than the sum of the parts. *Tim Steele*

25 Year Dinner

If there is enough demand, Kaz Herbst and I will organize a dinner, or a small event to celebrate our 25 years. We are looking at a cost of \$40/head, please see me (at the AGM) to discuss the event or pay in advance, the date will be determined by those who pay. *Tim Steele*

Goats as Carrion Project

The year's study using the clubs trail-cameras has given me a huge amount of data about creatures that eat dead goat. The highlight is still the development of the *Ayliffe Method* - opening the goats rib meat to attract more consumption by wedge-tailed eagles (WTE).

I have enough statistics to show monthly WTE/goat activity and fly activity. There is lower statistical confidence in the cat, fox and other birds feeding at the goats, however this does not detract from this information's value.

In particular the feral cat and fox feeding has combined well with my research about the Flinders Feral Predator Program (25 Year History Book).



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I am using this to work towards figures for feral cat control by WTE population and, in areas with enough detailed cat behaviour information, ground shooting cat control programs complementary to spotlighting.

We have started a private scaled back project, Goats as Carrion 2, where will try to improve WTE identification and quantification of the amount of goat meat (weight) consumed by WTE. *Tim Steele*

Treating snake bites and sprains

We have a number of *Setopress* compression bandages available for members to purchase. These have been recommended for treating snake bites as well as sprains.

The bandages have a coloured rectangle on them that become a square once correct tension has been applied when treating the limb.

Further information can be found in this article: www.baysidebush.org.au/system/files/articles/SetopressBandage.pdf or searching the internet for *Setopress* compression bandages.

They are available for purchase at quarterly meetings for **\$16.00 each**, or can be purchased with a pick-up organised in the CBD if required (email: merchandise@conservation-wildlife.asn.au).

C&WM Merchandise

We have a selection of items available for purchase with stickers (\$2), cloth badges (\$10) and caps (\$20) being available at General Meetings.



Orange - nylon



Clay - brushed cotton

Limited selections of shirts (\$50) are on display at meetings, with orders being able to be placed and paid for on the night. All items can be ordered by downloading the order form: www.conservation-wildlife.asn.au/club_merchandise.htm and posting to C&WM with your payment or emailing to: merchandise@conservation-wildlife.asn.au along with a bank transfer reference. As items are ordered as required, please allow at least eight weeks.

We have added two new styles of shirt to the list, these being a long and short sleeved Bisley, full-button shirt. They are of the same quality as the closed front shirts, being 190 gsm, 100% cotton drill, pre-shrunk, 50+ SPF, however they are only available in khaki. Please be sure to quote the correct shirt code when placing an order.



Bisley: long sleeve full button (BS6433), short sleeve full button (BS1433) (Khaki only) -



Bisley: Khaki, Royal, Orange long sleeve closed front shirt (BSC6433)

Sizes available for all shirts: S – 6XL.



Logo: embroidered above left chest pocket - 8 cm diameter.

All shirts are \$50.00 each embroidered.

George Woodroffe Goyder (1826-1898)

George Goyder came to South Australia in 1851 – SA was founded in 1836, if you weren't paying attention in school, - and joined the SA Civil Service as a draftsman.

By 1861 he was appointed Surveyor General, a post he held until 1893.

For more than forty years Goyder gave advice and made decisions on almost every aspect of surveying, railway construction, valuations, forestry, conservation and mining.

He is however most famous for his "line of rainfall" which separated land suitable for cropping from land of lesser rainfall suitable only for grazing.

Goyder's rainfall line was not widely accepted at first. Ample rains fell in 1865, prompting farmers to ignore Goyder's report and settle in the north, starting farms and planting crops.

The idea that rain follows the plow, or that if you planted trees, rain would come, developed during the contemporaneous westward expansion of cropping in the United States, encouraged this trend.

A few years later, many had to abandon their properties.

The land was indeed unsuitable for crops, and Goyder was proved correct.



Many farmhouse ruins can still be seen in the vicinity of Goyder's line.

There were other periods of development north of the line but, invariably, adverse conditions proved decisive.

Entire towns and farms were abandoned when there was a return to longer-term average rainfall patterns. The line has proven highly accurate, a notable feat given the relatively limited knowledge of the local climate at the time it was surveyed.

It is concerning to discover that climate scientists assert that the current "warming, drying trend" of South Australia's climate would definitely "put a downward shift on Goyder's Line" towards the south.

George Sobolewski

Changes in 2017 Firearms Regulations that may affect you.

Storage of firearms (up to maximum number of 19 firearms)

If your firearms are all category A and B firearms:

- if kept under the main roof of your residential or business premises your firearms must be stored in a Level 1 safe; or
- if not kept under the main roof of your residential or business premises or are kept in an outbuilding at your residential or business premises your firearms must be stored in a Level 2 safe.

If any of the firearms include a category C, D or H firearm then all firearms in your possession must be stored in a Level 2 safe.

Level 1 safes and Level 2 safes

A Level 1 safe is one with a body and door made of structural grade mild steel of a thickness of not less than 2 millimetres.

A Level 2 safe is one with a body and door made of structural grade mild steel of a thickness of not less than 3 millimetres.

The specifications of manufacture are designed to prevent forced or unauthorised access and can be located in Schedule 1 of the Firearms Regulations 2017.

A Level 1 safe or Level 2 safe that weighs less than 150 kilograms when empty must be bolted to a solid concrete, brick, metal or timber floor, wall or other permanent internal structure of the building or outbuilding with at least two solid anchor bolts. Firearms can no longer be stored in timber containers or chained to walls.

Outbuildings

An outbuilding is a building other than the main building at the premises, including a shed or garage (excluding a fully enclosed garage under the main roof) that must:

- be affixed to the land it is situated on; and

- be fully enclosed in a building in a structurally sound condition; and
- have a door or point of entry capable of being securely locked.

Security of safe keys

You must take all reasonable precautions to prevent your safe key, safe key card or safe key code, etc. from being lost, stolen or coming into an unauthorised person's possession or knowledge. This means you must not:

- tell another person your safe combination, key code or electronic access code, unless they are able to lawfully access the safe;
- leave a record of your safe combination, key code or electronic access code in a place it may be discovered by an unauthorised person;
- leave the safe key in the lock of the safe, give it to another person or advise of its whereabouts or leave it where it may be discovered by an unauthorised person;
- store your safe key in a container used to secure ammunition suitable for use in a firearm secured in your safe.

Holders of primary producer licences should note that clause 7(11) of Schedule 1 of the Firearms Regulations 2017 allows you to permit licensed relatives and employees to access firearms safes in some circumstances.

Where can I find more information?

Information provided in this document is for general guidance only. Applicants and licensees should familiarise themselves with the Firearms Act 2015 and the Firearms Regulations 2017, which are available at www.legislation.sa.gov.au

A suite of information guides on the legislative changes is provided on SAPOL's website at www.police.sa.gov.au/services-and-events/firearms-and-weapons/firearms-changes-2017

For further information, contact Firearms Branch via sapol.firearmsbranch@police.sa.gov.au or by telephone 7322 3346.

If your current safe may not meet new requirements e.g. you have a Level 1 safe in your garage because your spouse doesn't think a safe in the house is in harmony with her/his Dresden china, and you had a firearms licence and were storing the firearms in that location and safe prior to July 2017, then you can apply, in writing, to keep your current safe in your outbuilding.

Excerpted from SAPOL's Firearms Information Guide-one to nineteen firearms by George Sobolewski.



Activity Summary

Gluepot Reserve: 02-05/06/17

Activity Coordinator: Phil Johns

Members: 6

Animals taken: 1 feral goat

Brookfield CP: 05-09/06/17

Activity Coordinator: Ali Wilkie

Members: 16

Animals taken: 41 feral goats

Southern Mallee (Ngarkat CP): 08/06/17

Activity Coordinator: Bob Pettitt

Members: 2

Animals taken: 1 feral goat
(Judas goat collar retrieval)

Millbrook: 14/06/17

Activity Coordinator: Brendan Atkinson

Members: 4

Animals taken: 11 Western grey kangaroos,
2 rabbits, 1 hare

Port Pirie PMP: 18/06-09/07/17 (2 occasions)

Activity Coordinator: Alan Zubrinich

Members: 6

Animals taken: 164 feral pigeons

IFRNP - QPP: 23-26/06/17

Activity Coordinator: Peter Rowe

Members: 3

Animals taken: 1 feral cat

Hiltaba (NFSA): 22-27/06/17

Activity Coordinator: Rick Fisher

Members: 3

Animals taken: 83 feral goats, 2 rabbits

Buckaringa CR: 21-24/07/17

Activity Coordinator: Mark Purdie

Members: 2

Animals taken: 30 feral goats, 4 rabbits,
1 feral cat, 1 fox

Pualco CP: 28-31/07/17

Activity Coordinator: Phil Johns

Members: 4

Animals taken: 120 feral goats, 7 foxes

Bendleby: 20-24/07/17

Activity Coordinator: Dennis Donovan

Members: 2

Animals taken: 6 foxes

Arkaba: 24-28/07/17

Activity Coordinator: Dennis Donovan

Members: 2

Animals taken: nothing taken

Washpool: 25-28/08/17

Activity Coordinator: Kaz Herbst

Members: 4

Animals taken: 8 feral deer, 1 fox