

HUT NEWS

"Nature Conservation Saves for Tomorrow"

Bob Brown to deliver the 2017 Mick Dark Talk for the Future

**THURSDAY
21 SEPTEMBER**

7.30 pm

at the
Blue Mountains
Theatre and
Community Hub
106-108 Macquarie
Road, Springwood



We are pleased to announce that Bob Brown will deliver the 2017 *Mick Dark Talk for the Future*. This event is co-sponsored by Blue Mountains Conservation Society and Varuna Writers Centre.

The Mick Dark Talk for the Future honours the extraordinary generosity and legacy of Mick Dark, a past president and life member of Blue Mountains Conservation Society and patron of Varuna. The talk aims to inspire community discussion of environmental issues of local and global significance.

Acclaimed author, photographer and lifelong activist, Bob Brown rose to prominence when he led the campaign to save the Franklin River in the 1980s. After 10 years in the Tasmanian Parliament, Bob was elected to the Senate in 1996 where he served for 16 years and was leader of the Australian Greens from 2005 to 2012. Since retirement he has established the Bob Brown Foundation. In his book *Green Nomads*, published in 2015, Bob takes the reader on a journey across Australia to celebrate Australia's wilderness areas.

Tickets are now on sale: \$30 (adults), \$27 (concession), and \$18 (under 18's). Book online at <http://bluemountainstheatreandhub.com.au/box-office/> by phone 4723 5050 or in person at the Blue Mountains Theatre & Community Hub (Mon-Fri). More information: varuna.com.au

BMCS NURSERY PLANT SALES RESUME IN AUGUST

**Blackheath Community Market—6th August
Magpie Markets, Lawson—20th August**

We offer the home gardener, landscaper or contractor a big variety of quality local native plants at economical prices.

Blackheath Community Market, 1st Sunday of the month at Blackheath Public School, 9am to 1pm

Magpie Market, 3rd Sunday of month at Lawson Public School, 9am to 2pm

Tube stock \$3. Discounts for bulk orders.

Enq: Hugh Brougham 04079 55028 nursery@bluemountains.org.au

**Issue No. 350
August 2017**



Single use plastic bags—the momentum is building ...

The Australian Capital Territory, Northern Territory, South Australia and Tasmania have already banned single-use plastic shopping bags. In July, two major supermarket chains announced they would phase out single use plastic bags around the country over the next 12 months. It's time for the NSW Government to act.

The article below came to Hut News from Bellingen NSW. Please pass it on to friends, family, neighbours, especially people under 25 and ask them to sign the petition.

Youth Against Plastic – please support our petition **Malina Smith**

Youth Against Plastic (YAP) is a small organisation of young people from the Bellingen Shire area in northern New South Wales. YAP was formed in mid-April 2017 and currently has only 15 members, most of which are students. Our youngest member is 15 years old, and our oldest 19. The main focus of YAP is to pressure our State Premier, Gladys Berejiklian, into banning single use plastic bags. The banning of plastic bags in New South Wales would have a massive impact both environmentally and politically, and may encourage the rest of Australia to join in the resistance against plastic bags.

We've created a petition through change.org aimed at people under 25. Our petition is directed at young people because we wanted it to represent the youth of New South Wales, who will be the people left with the long lasting issues that single use plastic bags are causing our environment. We are far from reaching our goal of 10,000 signatures, but we hope to reach that goal over the next few months. So please share our petition with anyone you know under the age of 25, and/or sign the petition yourself, and help us secure a more sustainable future.

Here is our petition: https://www.change.org/p/nsw-premier-gladys-berejiklian-youth-against-plastic-ban-single-use-plastic-bags-in-nsw?recruiter=529795730&utm_source=share_petition&utm_medium=email&utm_campaign=share_email_responsive

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of HUT NEWS is
19 AUGUST 2017
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Gang-gang Cockatoos in Wentworth Falls

By Jim Smith.

I can certainly confirm the observations in 'Winners and Losers' (*Hut News*, July 2017) that Gang-gang Cockatoos have become rare sightings in Wentworth Falls during the last decade, compared with their abundance when I first arrived in the mid-1970s.

I was therefore thrilled a few months ago to see a group of eight Gang-gangs feeding on a Peppermint Gum tree at the edge of the parking area outside the Conservation Hut. Their croaky calls, together with the sounds of gum nuts being crunched and clattering through the leaves, made a delightful symphony.

Standing underneath the tree, I had a 'shower' of eucalyptus-scented shredded gum nut debris. I joyfully raised my arms in thanks to the birds for this experience.

How healthy are our waterways?

Beautiful creeks and waterways are a wonderful part of our City – but how healthy are they?

Since 1998, Council has regularly tested waterway health at up to 50 waterways across the City. As a result, we now have one of the richest water quality data sets in Australia, and Council uses this data in its catchment improvement programs.

Council has published detailed water quality reports on its website since 2006. From July 2016, Council has also produced a summary 'snapshot' report, with the aim of making waterway health information more available to the community. The snapshot reports are mailed to all ratepayers in July.

The full waterway health reports, as well as the summary "snapshot" reports, are also available on Council's website at www.bmcc.nsw.gov.au/waterways. The 'snapshot' report shows each sample waterway in the Blue Mountains, the catchment within which it flows, and its state of ecological health (rated excellent, good, fair or poor). In the 2017 report, 52% of tested waterways are in good condition or better, while 48% of waterways are in fair to poor condition.

Our city is lucky to have some of Australia's best waterways but, as these results show, they are also vulnerable to pollution – especially due to stormwater runoff from urban areas.

Urban runoff is consistently identified as the number one environmental threat to our World Heritage listing and presents challenges for local drinking water catchments, Endangered Ecological Communities, threatened species and the City's tourism reputation.

Everything that goes into our gutters and streets ends up in our creeks. Try these few simple actions to help protect our waterways from urban runoff:

- Keep these pollutants out of drains: litter, soil and sand, fertilisers and pesticides, detergents, oil, animal droppings and garden waste.
- Install a rainwater tank to capture rainwater from your roof and use it regularly.
- Design your garden to allow stormwater to soak into the ground.
- Control invasive weeds on your property.
- Don't dump fish or plants in waterways.

To find out more about local waterways, visit www.bmcc.nsw.gov.au/waterways

Gardens of Stone Visitors Map

The Visitors Map is full of suggested walks and trips. It is in full colour, 60 by 85 cm in size, and covers the entire Gardens of Stone region at a 1:100,000 scale, making it ideal for planning your next trip to the area. You can buy a map on the society's website at www.bluemountains.org.au/GoS_VisitorsMap.htm



DON'T RAISE THE DAM

Don't Raise the Dam by Keith Muir

The 'Don't Raise the Dam' brochure, enclosed with this newsletter for BMCS members or available online at http://bluemountains.org.au/warragamba/Kowmung_Brochure.pdf, outlines the impacts caused if the Warragamba Dam wall were raised by 14 metres as proposed.

Like freeways, dam proposals are decided by the NSW Government. A new environmental impact statement is in preparation for this proposal that was originally rejected in 1995. It is necessary to start fighting to save Blue Mountains World Heritage from flood inundation as the proposal won't be subject to public hearings and independent review processes.

Sufficient people power must be raised to convince decision-makers to ditch the new dam plan. The brochure explains the steps you can take to stop the DAMage.

A bigger dam can only offer a marginal improvement to flood mitigation provided by the existing five dams in the Hawkesbury-Nepean catchment. It can't eliminate floods.

Raising the dam wall can only be a half measure as floods also occur in the other half of the catchment below the dam. Remember the big flood experienced by Picton only two years ago? No flood came over the existing dam wall, it came from outside the Warragamba catchment.

Downstream of the dam, floodplains must be retained for agricultural purposes (and floods). It is worrying that urban expansion plans are already in place that could put more people at risk on the floodplain, and if they go ahead the dam proposal will be a part of this deadly real estate deal.

In its application to the Federal Department of Environment and Energy for the proposed dam wall raising, WaterNSW stated:

"There is no simple solution or single infrastructure option that can address all of the flood risk in the Hawkesbury-Nepean Valley. This risk will continue to increase with projected population growth. However, it is possible to reduce and manage the risks through a combination of flood prevention, preparedness, response and recovery."

It would be far better if urban expansion was to avoid flood prone areas of the Cumberland Plain to keep people out of harms way, rather than raising the dam wall and creating a false sense of flood security reinforcing urban sprawl on the floodplain.

Practical alternatives, such as lowering the full supply level and downstream floodplain management to prevent floodplain sprawl, can avoid damage to national parks upstream. Many beautiful banks of the Nattai, Coxs, Kowmung, Wollondilly and Kedumba rivers must not be covered with unsightly sediment and weeds. This damage will occur if the dam wall is raised.

Beauty must not be replaced by blight. SAY NO to a bigger Warragamba Dam!

Read more: www.donraisethedam.com/environmental-issues

HAVE YOUR SAY: Scenic Eastern Escarpment Master Plan

- Do you bushwalk along the Eastern Escarpment?
- Do you live near the Eastern Escarpment such as at Yellow Rock, Lapstone or Glenbrook?
- Are you concerned about protecting the environmental values of the Eastern Escarpment?

Council is currently preparing the Scenic Eastern Escarpment Master Plan covering the escarpment from Glenbrook to Yellow Rock. The Master Plan process will consider what future visitor facilities and tourism upgrades and developments will occur along the Eastern Escarpment.

The preliminary recommendations are available to view and comment on in the *Have Your Say* section of the BMCC website:

www.bluemountainshaveyoursay.com.au/seemasterplan You can also provide comment on what changes you would like to see occur along the Eastern Escarpment via an interactive map – www.bluemountainshaveyoursay.com.au/seemasterplan/maps/site-use-map

Council is holding a workshop on Friday 11th August at Glenbrook School of Arts hall, 2 Ross Street, Glenbrook. You can drop in any time between 3.30 pm and 7 pm to review and comment on the detailed landscape plans and proposals. It will also provide an opportunity to make further suggestions for the future of the Eastern Escarpment and discuss these with a Council representative. (RSVP by Tuesday 8th August to smortensen@bmcc.nsw.gov.au)

The Eastern Escarpment has seen some controversy in the past. The development of the downhill mountain bike track at Knapsack Reserve was opposed by the Society given the track went through a threatened plant community and there were environmental impacts of erosion as well as visual impacts. Previous users' surveys undertaken by Council indicate considerable interest in the Master Plan process from the mountain bike community, including calls for more bike riding opportunities.

It is vitally important that any consideration of future tourism and visitation facilities conserve the important environmental and scenic values of the Eastern Escarpment. It is also important that all users – including bushwalkers and local residents concerned about the environment – have input into the Master Plan process. We strongly urge Society members to provide comment on the preliminary proposals, complete the online survey or provide comment via the interactive maps. The full draft of the Eastern Escarpment Master Plan is due to go to public exhibition in September 2017.

Land Use Subcommittee
landuse@bluemountains.org.au



Consoc meeting with Mark Butler. (left to right) Mark Butler, Madi Maclean, Ross Coster, Susan Templeman

Clarence Colliery fined over \$1 million for 2015 coal waste spill

As *Hut News* was being finalised, Justice Robson of the NSW Land and Environment Court released his decision that Clarence Colliery will be fined \$1,050,000 for its coal waste spill into the Wollangambe River and Greater Blue Mountains World Heritage Area in July 2015. This fine is made up of \$720,000 for the escape of the coal material so that it harmed the environment and \$330,000 for the second offence of damaging the national park.

Clarence will also have to pay for the prosecution's legal and investigation costs (apparently costing almost \$500,000). The Environment Protection Authority (EPA) has said that this is the largest fine for a single prosecution.

During the two years since the coal waste escaped, bushwalkers, canyoneers and conservation groups have worked to keep in the public eye the extent of the damage and the importance of protecting the world heritage national park.

The fine will fund five environmental projects in the area including stabilisation of tracks in Newnes Plateau and Wollangambe/Mt Wilson area; weed control in the Wollangambe catchment and surveys to identify the habitat of the endangered Blue Mountains Water Skink.

Although the fines are well short of the maximum fines for the two offences, sentencing rules for criminal offences allow for penalty discounts to be applied, such as a 25 per cent reduction for an early guilty plea. The reasons for the fine amounts will be better understood once the judgment is available.

The court has also ordered Clarence Colliery to publish a notice, stating what their offence was and the court's penalty, in the Financial Review, Sydney Morning Herald and the Lithgow Mercury. According to the EPA's guidelines, publication orders should mainly be reserved for corporate offenders as this is more likely to act as a significant deterrent and make the offender accountable for the offence.

Madi Maclean

Consoc meeting with Mark Butler

On Saturday 15th July 2017 Madi Maclean and I met with Mark Butler, Shadow Minister for Energy and Climate Change, at the Cultural Centre at Katoomba. The meeting was arranged by Susan Templeman as part of a chain of meetings with Blue Mountains Conservation Society, the Blue Mountains World Heritage Institute and the Blue Mountains Renewable Energy Cooperative.

Mark had some very interesting things to say about coal and renewables.

The global market for seaborne thermal coal (burned to make electricity) is in rapid decline. This means that Australian exports of thermal coal will decline over time, partially due to global action on climate change, but mostly because of technology changes.

Mark says that solar photovoltaics with battery storage are now cheaper than new coal-burning power plants, so as ageing coal-burners reach end-of-life and are decommissioned they will be replaced by renewables, simply because they are cheaper. This of course applies here in Australia also.

Several of the coal-burners in the Hunter Valley are nearing end-of-life, and will be replaced by renewables. Not because we climate activists want it to happen, not because of Labor or Liberal policy, but because renewables are now cheaper!

When Mark was formulating policy for the 2016 Federal Election, battery storage technology was not an option for discussion, Solar PV was termed as 'intermittent' power, and electric vehicles were too expensive to even mention. Now in 2017 solar with batteries can be classed as base-load or dispatchable power, electric vehicles are on the rise, and coal is on the way out. There are massive implications in this for Australia, and for our region.

The proposed Adani coal mine is not the climate bomb we all fear, as even if it is developed it will be selling thermal coal into a declining market, and will just take market share from other mines (probably in the NSW Hunter Valley).

The coal mines at Lithgow supply Mount Piper Power Station, which is only 25 years old and has many years of life left, so Lithgow mining will continue (until renewables fall further in price and make existing coal-burners uneconomic). However the export market for Lithgow coal will decline over time, as it will for the Hunter, and for any mines in the Galilee basin such as Adani.

Mark says Labor's commitment to 50% renewable electricity by 2030 stands firm, but he suspects that we will beat that target easily given technology improvements, and probably achieve 70%+.

Electric vehicles need government policy to make them popular, including support for rapid charging stations along our highway network, and perhaps reform to luxury vehicle taxes.

While I had his ear, I mentioned that building another airport at Badgerys Creek would eventually add 21 million tonnes of CO₂e to our national output, and that this is not acceptable. I also gave him and Susan printed copies of the Beyond Zero High Speed Rail report and suggested that this should be our priority, not more airports and runways.

Mark says he is a brave supporter of High Speed Rail (despite his electorate in Adelaide not even being on the HSR map!).

Ross Coster membership@bluemountains.org.au

BACK TO THE FUTURE

Ross Coster and Christine Davies

The following are extracts from an article in 'Traveller' by Jacob Saulwick, 3 March 2012.

The Federal Minister for Transport, Anthony Albanese, yesterday released the report of a two-year-long study into Sydney's aviation needs. But Mr Albanese immediately rejected two of the study's main recommendations, and the state government dismissed the whole idea of a second airport anywhere near Sydney.

The report recommended Badgerys Creek as the best location for a second airport site, with Wilton the second best option. Mr Albanese ruled out Badgerys Creek and instead said he would investigate Wilton.

The NSW Minister for Transport, Gladys Berejiklian, reiterated the state's opposition to another airport in the Sydney basin and said high-speed rail needed to be part of the solution.

Mr Albanese said the refusal to consider Badgerys Creek was "a commitment that we gave at the last two elections and we believe that's appropriate". The other recommendation Mr Albanese rejected was to lift the hourly cap in flight movements at Sydney Airport.

The NSW government rejected Mr Albanese's offer to release the study together. Ms Berejiklian said it had been "very clear that we do not support another airport in the Sydney Basin".

<http://www.traveller.com.au/second-airport-proposal-struggles-to-get-off-ground-1u89p>

We ask Mr Albanese (Federal Shadow Minister for Infrastructure, Transport, Cities and Regional Development, Shadow Minister for Tourism) and Ms Berejiklian (Premier of New South Wales): Why has your opinion changed since the Traveller article was written in 2012? How are we to trust 'commitments' that change within a few short years?

A second airport at Badgerys Creek will have enormous impacts on the Blue Mountains World Heritage Area, Sydney's water supply and the scenic values and ambience of the Blue Mountains on which the tourist industry is based. 300 hectares of Cumberland Plain woodland will be destroyed, along with the animals that call the area home. People living in Western Sydney will have their health degraded by noise and air pollution.

Construction of the airport and its use will have enormous impacts on greenhouse gas emissions. Sydney doesn't need another airport; 50% of passenger movements at Mascot are to and from east coast destinations. We need a commitment to build high speed rail along the east coast from Melbourne to Brisbane now.

You can write to Mr Albanese and Ms Berejiklian:

Hon Anthony Albanese MP, Shadow Minister for Infrastructure, Transport, Cities and Regional Development, Shadow Minister for Tourism, PO Box 6022, Parliament House, Canberra 2600 A.AlbaneseMP@aph.gov.au

Hon Gladys Berejiklian, Premier of NSW, PO Box 5341, SYDNEY NSW 2001, or go to <https://www.nsw.gov.au/contact-us/contact-the-premier> to send an electronic message.

No Western Sydney Airport Subcommittee
nwsa@bluemountains.org.au

RAIN

Thunder rolls at Wolgan Gap,
The ribbon barks are stirring;
Shadows mirror scudding cloud,
And wings are homeward bearing.

Plaintively, from far below
On thermal draughts ascending,
Call the plovers to and fro
As cliff and sky are blending.

The subtle colours changing
As the showers draw their veil,
And misty grey is ranging
On bluffs of stone and shale.

Secret creek and shallow pond
Awaken from their sleeping,
And pass the torrent farther on
To Wolgan River sweeping.

Memory drifts to tender years,
And now the scudding showers
Become a million lovers' tears
To bathe the Wolgan bowers.

Like tears of love and tears of joy,
Though pain be in their shedding,
To nurse the grove and grassy bank
For future lovers treading.

Clive R. Roebuck
from "Under the Scenic Hill"

Readers of *Hut News* are invited to send a poem inspired by the Blue Mountains, maximum of 20 lines. Poems can be emailed to [Brendan Doyle](mailto:brendan049@gmail.com) brendan049@gmail.com or posted to Poets' Corner at 5 Lurline Street, Wentworth Falls 2782.

STAND UP FOR THE ROYAL

The Royal National Park is Australia's first, and the second in the world after Yellowstone NP in the United States. The Commonwealth Department of Environment says it is home to one of the richest concentrations of plant species in temperate Australia. It has four million visitors a year.

But even National Parks aren't safe from the NSW Government which, despite rapid reassurances that no route has been determined, has set aside money to explore the option of extending the F6 motorway through this iconic national park.

Tell the NSW government to abandon its ridiculous proposal to carve apart the Royal NP for a massive new road.

Sign the petition: <https://actionsprout.io/190368>
National Parks Association of NSW
<https://npansw.org/>

COMMENT: Finkel's cave?¹ Dr Brian Marshall

No, not the cave of Fingal fame, but the one as in capitulate or submit under pressure!

By the time this article appears, it will be about two months since Dr Finkel produced the *Final Report of the Independent Review into the Future Security of the National Electricity Market* (the Report hereinafter). The Report is 'under consideration' by the Australian Government, has been well received by big business, the coal industry, and the AEMO (Australian Energy Market Operator), but has received criticism from Labor, the Greens, and the independent Climate Council. Although failing to produce political consensus, the Report, if fully adopted, could provide a level of certainty hitherto lacking under the current and preceding governments.

Better to implement the Report which gives 'certainty' than persist with more of the same! Unfortunately, it is not that simple. First, the intent of the Report might be weakened by government to appease the Coalition's coal-loving right wing. Second, despite the Report being a substantial body of work containing predominantly sound recommendations, the Finkel committee has, perhaps too readily, been limited by its Terms of Reference (ToR).

The ToR involve evaluating the state of the National Electricity Market (NEM), and developing a blueprint to ensure that the NEM provides a secure, reliable and affordable service. This was to be done within the context of Australia's emissions reduction commitments at the Paris Agreement, and with due recognition that electricity generation faces changing consumer demand, increasing decentralisation, rapidly changing technology, and retirement of traditional baseload generation.

Compliance(?) with Australia's Paris commitments

The Report's most glaring deficiencies are its unambitious acceptance of the government's target of a 26-28% reduction of greenhouse gas emissions (GGE) on 2005 levels by 2030 and the concurrent 'aspiration' to achieve zero GGE by 2050. It ignores the Climate Change Authority's recommendation that Australia should reduce its GGE by 40 to 60% below 2000 levels by 2030, this equating with 45-65% below 2005 by 2030.

Disregarding the above disparity, the most recent data from the National Greenhouse Gas Inventory shows that GGE are increasing. Australia is not meeting the government's pitiful trajectory and is not within cooee of targets set by the Climate Change Authority. The Report, by using the government's unambitious target, is recognising the political reality. In so doing, it effectively subordinates the Paris Agreement's aim to keep global warming below 2°C. It assumes there is time to take small steps now and play catch-up later, but this denies the reality of population growth; assume makes 'an ASS out of U and ME'!

Dr Finkel, Australia's Chief Scientist, is answerable to government, which is answerable, in turn, to the electorate. But the Chief Scientist should provide government with fearless advice based on the best available scientific data, including those which bear on the improbability of achieving the targets, and those which demonstrate the inadequacy of the targets. Yet, instead of conveying the deficiency and emphasising

that the Report's proposed system can easily be escalated to achieve more ambitious emissions reduction targets, the option is sidelined by saying that emissions reduction targets are questions for government (Report, pp79, 89-90).

When subsequently pressed on escalation, Dr Finkel said that the scheme could be scaled-up by future governments, but plans to change the ambition of the scheme could harm investor confidence. The most generous interpretation is that Dr Finkel wants the pragmatic proposal to be accepted 'as is', thereby leaving escalation (or otherwise!) to subsequent governments, and subordinating GGE outcomes to the 'certainty' needs of business. Too often, the environment is left holding the short straw.

I strongly believe that highlighting the **need for escalation** to keep global warming below 2°C would be environmentally responsible and would still provide business certainty.

ERT, ERT_r, CET and EIS – alphabet soup

An ERT (Emissions Reduction Target) and, arguably, an ERT_r (Emissions Reduction Trajectory) are governmental commitments; mechanisms such as a CET (Clean Energy Target) or an EIS (Emissions Intensity Scheme) are designed to achieve such commitments. The Report (pp79, 89) adopted Australia's **whole-of-economy** commitments at the Paris Agreement as its encompassing guide, and for the **electricity sector** it advocates an ERT and ERT_r (through to 2050) consistent with those commitments.

Under the CET, retailers buy energy from new generators producing electricity below a **specified emissions intensity threshold** (Report pp81-82, 87-88). The CET certificate authenticating purchase reflects the amount by which the generator's emissions-intensity undercuts the threshold. The retailer can vary its energy-sources provided that the total emissions approximate the government-determined ERT_r. As long as the emissions intensity is **at or below the threshold** the generation method is irrelevant. This potentially keeps the door open for some types of fossil fuel-based power generation.

The EIS mechanism is straightforward. An **emissions intensity baseline** is determined by government **for the whole electricity generating sector**. Generators with emissions intensities below the baseline earn credits, while those above the baseline must purchase credits. Depending on the baseline, the scheme would favour renewables and penalize coal-fired generation.

The CET and EIS mechanisms were modelled for the Report under constant conditions. The Report (pp89-90) found no definitive argument whereby one mechanism was superior to the other, but ultimately recommended the CET; perhaps not least because the Australian Government has ruled out an EIS.

In conclusion

The Report's recommendations 3.1 and parts of 3.2 (p19) are fundamental. The first requires the Australian Government to develop, by 2020, a **whole-of-economy**

(continued on page 7)

Darwin's Walk plaques Jim Smith

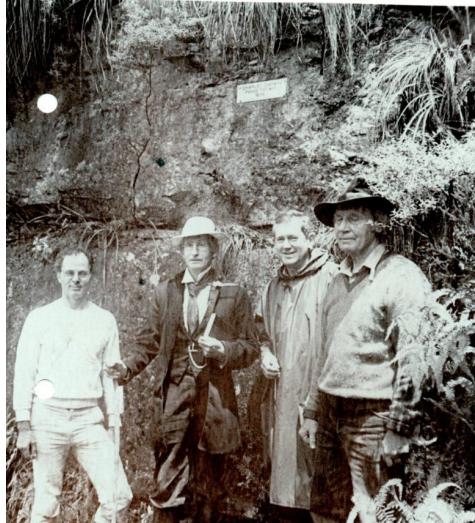
In *Hut News* (May 2017) I told the sad story of the plaque in memory of Robyn Wise. Walkers may be interested in the stories behind the other two plaques on Darwin's Walk.

Near the junction of the side track from Fletcher Street with Darwin's Walk there is a seat with a plaque reading "In memory of Effie 25-8-86. A loved place." Effie was the daughter of Arthur Lloyd and Shirley Campbell (née Rowan) Jones. Her full name at the time of her death was Jennifer Effie Jones-Cantlay. The couple we knew well in the Blue Mountains Conservation Society as Lloyd and Shirley Jones lost their daughter to cancer in 1986.

The other Darwin's Walk plaque is near Weeping Rock. It was installed in January 1986 to commemorate the 150th anniversary of Charles Darwin's walk along Jamison Creek. It reads "Charles Darwin passed this way in 1836.

Remembered by his friends in 1986." Its unveiling was dramatically preceded by the unexpected emergence from the bushes of 'Charles Darwin' himself. The actor Tim Elliott (1935-2011) was dressed in period clothing and recited Darwin's description of the Jamison Valley in his characteristic resonant tones. The walkers on this day followed pads beside the creek, occasionally leaping over it, as the constructed track with its bridges had not yet been made.

It is of interest that the three plaques beside Darwin's Walk were all put in place during 1986.



Photos: (left) Tim Elliott, as Charles Darwin, addressing bushwalkers beside Darwin's Walk on 18 January 1986. Photo by Peter Stanbury. (right) Organisers of the commemorative walk below the plaque. From left Macleay Museum curator Peter Stanbury, Tim Elliott, Mayor Peter Quirk and artist Reinis Zusters (1919-1999). Photo courtesy of Blue Mountains Gazette.

COMMENT: Finkel's cave? (continued from page 6)

emissions reduction strategy for 2050. The second requires the Australian and State and Territory governments to agree on an ERT_r for the National Electricity Market, and to **adopt a CET**. Without implementing these there is no way forward.

To date, the Australian Government has accepted 49 of the 50 recommendations; it sounds impressive, but details are scarce. The CET remains a stumbling block within the divided Coalition, and the acquiescent involvement of State and Territory governments should not be taken for granted. Dr Finkel has been pragmatic in the hope of achieving a positive outcome in the current political climate. It seems that, whereas many recommendations will be implemented (not just accepted), the more challenging politically unacceptable aspects will be compromised or remain in limbo.

The elephant in the room comprises the need to pursue a more ambitious approach to GGE and global warming, and to implement an emissions intensity threshold which would encourage transitioning from traditional fossil fuel power generation. Rather than caving to government constraints, Dr Finkel should have pushed the limits of the ToR to gain wider support for transitioning to renewable power and achieving more ambitious GGE reductions so as to keep global warming below 2°C. Such a 'blueprint', if deferred by the current government, might well be embraced by the next!

¹ The fully referenced article is available from the Editor or the Author on request.

A FIELD GUIDE TO SPIDERS OF AUSTRALIA

The most comprehensive account of Australian spiders ever published. Available in paperback or eBook: <http://www.publish.csiro.au/book/6899>

Spiders are wonderful. There are spiders that eat tadpoles, spiders that sit in holes waiting for trip wires to be sprung, spiders that shoot their hair out when spooked, spiders that hold their web in their hands and throw it on prey (like Predator), tiny spider-eating spiders that travel to other spider webs and pluck at the web pretending to be a late-night suitor, spiders that turn pink like flower petals and grab bees arriving to pollinate, and even a vegetarian spider.

Can you tell we love spiders? We love them so much CSIRO Publishing just published the most comprehensive book on Australian spiders to date, written by Robert Whyte and Greg Anderson. The book contains countless new entries for spiders never before described, photos of spiders never before photographed, and even newly discovered families.

The book has over 1300 photos and covers all the families from the big two groups: 'Mygalomorphs' and the 'Araneomorphs', the old spiders and the new, and everything in between, including the bizarre alien butt and disco mirror ball spiders.

Read more: <https://blog.csiro.au/meet-families-field-guide-spiders-australia/>

Australian Geographic Nature Photographer of the Year 2017

Witness nature at its most dramatic, graceful and unexpected with this stunning collection of large format photographs.

11 August to 10 December 2017

09.30 am to 05.00 pm

AUSTRALIAN MUSEUM

1 William Street, Sydney

Admission: \$20 adult, \$3 child, concession \$16, also family rates

Over 100 images from Australia, New Zealand, Antarctica and the New Guinea region that unveil spectacular moments in nature.

Featuring images taken by professional, emerging and junior photographers, this exhibition documents the story of our unique and ever-changing natural world.

<https://australianmuseum.net.au/>

Wambool Nature Reserve Bus Trip

The BMCS Plant Study Group is inviting members interested in native flora to come on a bus trip to Wambool Nature Reserve on Sunday 13 August.

Wambool Nature Reserve, established in 1987, is on the Western Slopes of the Central Tablelands and is about 20k east of Bathurst. Field trip participants will be able to look at *Eucalypt* Woodlands, a sparse and interesting shrub layer, and hopefully some orchids.

BOOKINGS ARE ESSENTIAL and payment of \$12 is necessary to confirm a seat on the bus. Phone Meredith 4782 4823.

BRING lunch, drinks, pencil, notebook, field guides and a magnifying lens if you have one. **MEET:** 8 am at Katoomba Station, near Gearin's Hotel There is an uptrain that gets in at 7.50am. Pickups can be arranged at Blackheath.

The trip is being organised by the Plant Study Group as one of its regular monthly outings. We work as a group identifying plants and plant communities using field guides, keys and other sources as necessary.

Info about Plant Study Group <http://www.bluemountains.org.au/plant-group.htmj>

Henry Lawson in the Blue Mountains Celebrating the sesquicentenary of Henry Lawson's birth

"My earliest recollection of (Henry Lawson) concerns a swimming pool in which we sat at the age of thirteen or thereabouts, splashing in the creek, watching the beetles darting along the surface and the reflections of the trees in the water. That was at Mount Victoria. ... We'd walk for miles through the bush – exploring the gullies, paddling up the creeks and swimming in the water-holes. Henry went down to Sydney and came back to the Mountains as a young man. ... I remember the time that we told Henry about the ghost of the Second Bridge. Arthur and I were driving down Mount Victoria in a sociable* to assist an old man to move his possessions to another part of the valley, and we overtook Henry Lawson, driving a cart. He was taking down some pickets for his father's grave in the little cemetery under Mount York – special pickets that would protect the grave, and stand the wind and weather, and the mountain storms. We met again in the evening at the foot of the pass and walked up. And in the ghostly moonlight we told the eerie story to him." **Jack Jones, 'Henry Lawson by his Mates'**. (sociable* - see note and photo on page 12)

THE GHOST AT THE SECOND BRIDGE (Mount Victoria Pass) by Henry Lawson, 1891 (edited to eight verses)

You'd call the man a senseless fool, -
A blockhead or an ass, -
Who'd dare to say he saw the ghost
Of Mount Victoria Pass;
But I believe the ghost is there,
For, if my eyes are right,
I saw it once upon a ne'er-
To-be-forgotten night.

'Twas in the year of eighty-nine –
The day was nearly gone,
The stars were shining, and the moon
Is mentioned further on; -
I'd tramped as far as Hartley Vale,
Though tired at the start,
But coming back I got a lift
In Johnny Jones's cart.

'Twas winter in the mountains then –
The air was rather chill,
And so we stopped beside the inn
That stands below the hill.
A fire was burning in the bar,
And Johnny thought a glass
Would give the tired horse a spell
And help us up the Pass.

Then Jimmy Bent came riding up –
A tidy chap was Jim –
He shouted twice, and so of course
We had to shout for him.
And when at last we said good-night
He bet a vulgar quid
That we would see the "ghost in black",
And sure enough we did.

And as we climbed the stony pinch
Below the Camel Bridge
We talked about the "Girl in black"
Who haunts the second bridge.
"She'll cross the moonlit road in haste
And vanish down the track;
Her long black hair hangs to her waist
And she is dressed in black."

But have you seen the Second Bridge
Beneath the "Camel's Back"?
It fills a gap that broke the ridge
When convicts made the track;
And here a teamster killed his wife –
For those old days were rough –
And here a dozen others had
Been murdered, right enough.

The lonely moon was over all
The air was still as death,
Save when the listening silence seemed
To speak beneath its breath.
Then Johnny Jones began to quake;
His face was like the dead.
"Don't look behind, for heaven's sake!
The ghost is there!" he said.

He flogged the horse until it jibbed
And stood as one resigned,
And then he struck the road and ran
And left the cart behind.
We raced each other all the way
And never slept that night,
And when we told the tale next day
They said we were – intoxicated.

BMCS Planning and Development Resource Kit

Do you want to take action on an environmental issue in your neighbourhood or the Blue Mountains more broadly?

Do you want information about the laws and procedures relating to development and environmental protection?

Find out what **YOU** can do! Go to the Planning and Development Resource Kit www.bluemountains.org.au/pdrk>Welcome.shtml

Helium-filled amusement balloons

The release of helium-filled balloons has been banned at all Council events and in Council reserves in the Lithgow Council area. This follows an earlier decision by Eurobodalla Shire Council. Lithgow Mayor, Stephen Lesslie said "Council supports the ban on releasing balloons, we must think about the effects our actions have on our natural environment."

Congratulations to the Blue Mountains City Council Councillors who voted to receive a briefing on the feasibility of placing a similar ban in the Blue Mountains.

Upon release, helium-filled balloons rise until the pressure gradient, because of low atmospheric temperature, causes them to burst and fall. They are made from different forms of plastic with poor biodegradability which can last for hundreds of years. The danger to wildlife is well known and scientifically documented.

Helium is a valuable resource used in medical treatment and industry. Helium can only be practically obtained from five known natural occurrences which are rapidly depleting due to increasing demand.

The use of a rare and valuable resource in a frivolous, non-essential use which is harmful to the environment is indefensible.

Thank you, Jan Craney

The Society recently received a bequest from the estate of Jan Craney. Jan passed away on 2 June 2016 at the age of 74 years. An obituary is on the Glebe Society's website: www.glebesociety.org.au/?p=11914

Jan lived in Glebe from 1983 and for many years had a home in Mount Victoria. She was a member of Blue Mountains Conservation Society and the Glebe Society, being awarded the Glebe Society's commendation in 2013 in recognition of her outstanding work for the suburb.

When I last spoke to Jan, she was leaving the Mountains to be closer to her family. At that time she organised and led two History Walks in Glebe for the Conservation Society's Interpretive Bushwalkers and the Monday Leisure Walkers.

The obituary mentions some of the achievements in Jan's lifetime of political and environmental activism and tells of Jan's involvement in the community-based conservation project to retain and establish habitats for blue wrens in Glebe. "In the last months of her illness she rejoiced in caring for her beloved Paddy Gray Reserve (and) also so much enjoyed participating in the choice of native plants for John Street Reserve's habitat garden – plants that would protect and provide food for blue wrens and other small birds as well as establishing a biodiverse environment in one of Glebe's special pocket parks."

Thank you Jan and family for your donation to the work of the Blue Mountains Conservation Society.

Christine Davies and BMCS Management Committee

You can become a member of Blue Mountains Conservation Society

- **Post** this Application Form with your cheque or money order to: Blue Mountains Conservation Society, PO Box 29, Wentworth Falls, NSW 2782, OR

- **Join online** at: www.bluemountains.org.au

(Use capitals please—even for email address)

Name(s) 1.
2.
3.

Address: PC

Phone(s)

Email

**I/We agree to support the aims and objectives
of the Society as set out on reverse side of this
membership application:**

Please sign if named above.

Signature(s) 1.
2.
3.

MEMBERSHIP FEES (please circle one item)

Single \$35 Concession (Senior/Student)\$25

Household \$40 Household Concession \$30

Corporate (negotiable)

Membership (circled above) \$

Donation (tax deductible) \$

Bushwalkers: please add

\$20 per walker per annum. \$

TOTAL AMOUNT \$.....

Send my copy of Hut News by

Please tick box mail internet only

Would you like to be involved in any of the following activities or working groups? (Please underline):

Land use/development issues; Environmental Education; Threatened species issues; Website and social media; Plant nursery assistance; Bushcare; Publicity/photography; Water quality/sourcing studies; Administration;

ENQUIRIES: Phone 02 4757 1872

Email: membership@bluemountains.org.au

Blue Mountains and Blacktown unite against airport

Blue Mountains Mayor Mark Greenhill and Blacktown Mayor Stephen Bali have vowed to keep fighting to protect their residents from the impacts of the proposed Badgerys Creek airport. Backed by some 250 people at a community forum held in Blacktown on 23 July, Mayors Bali and Greenhill called on the Federal Government to give the people of western Sydney the same protection as those in eastern Sydney.

Mayor Greenhill said the Blue Mountains World Heritage listing was under threat should the proposed airport go ahead. At risk is our tourist industry with four million tourists a year visiting the Blue Mountains and the jobs they create. Federal MPs Ed Husic and Susan Templeman shared the Mayor's concerns.

All four called on the Federal Government to re-examine the Environmental Impact Statement for Western Sydney airport.

VALLEY OF THE WATERS BUSHCARE GROUP

The Valley of the Waters Bushcare Group meets on the second Saturday of each month, 9am - noon. Tools and gloves are available. Bring a drink, a snack and a sunhat.

**NEW MEMBERS ARE
WELCOME.**

Phone Karen 4757 1929.

BLUE MOUNTAINS CONSERVATION SOCIETY

Blue Mountains Conservation Society is a community organisation working to achieve the preservation and regeneration of the natural environment of the Greater Blue Mountains.

The Society believes that World Heritage status provides an opportunity for local community members to become custodians of the unique biodiversity and scenery of the Blue Mountains.

The Mission of the Society is to help conserve the natural environment of the Blue Mountains.

The Aims and Objectives of the Society are to:

- **Disseminate and foster an understanding of the ideals of Conservation.**
- **Promote the need for ecological sustainability.**
- **Protect the natural environment—flora, fauna, habitat, water, land and air.**
- **Actively oppose those human activities which degrade or destroy the natural environment.**
- **Repair the adverse effects of human activities upon the environment.**
- **Encourage the love of the natural environment by conducting a regular program of bushwalks.**
- **Increase the pool of expert knowledge about the natural environment, through meetings, excursions, research and other activities.**
- **Provide information to the public on matters of Conservation, especially through the Conservation Hut at the Valley of the Waters, Wentworth Falls.**
- **Maintain close and friendly relations with like-minded groups.**

A BEQUEST: Please remember us in your Will.

The Law Society of NSW recommends the following wording: "I bequeath the sum of \$... to the Blue Mountains Conservation Society Inc. for its general purposes and declare that the receipt of the treasurer for the time being of the Blue Mountains Conservation Society shall be complete discharge to my executors in respect of any sum paid to the Blue Mountains Conservation Society".



GREENHOUSE CORNER, by Clare Power

As we consider the multitude of challenges we face and the media promotes very few stories of positivity, many of us turn to people who inspire us and help us to navigate and keep heart in these times. I often connect with the work and words of Joanna Macy, eco-philosopher and activist who looks at the world boldly and insightfully and offers useful ways to frame what is happening. She fully acknowledges the devastating ongoing destruction and suffering experienced by people, species and eco-systems but she also emphasises the importance of recognising the positive changes that are occurring and in some cases accelerating.

One of Joanna Macy's many offerings is the concept of the Great Turning which is a way of seeing that, while much is unravelling, in many ways we are turning towards a more life sustaining society. The phrase, the Great Turning, came from her imagining future generations looking back on this period of Earth's history and seeing it as a time of significant change; as a turning point, which they might describe as the Great Turning. Joanna explains that the Great Turning is made up of three interrelated dimensions: i) Actions to slow the damage to Earth and its beings - these actions include all the political, legislative, and legal work required to reduce the destruction, as well as the many forms of activism we participate in. We can see this in our communities and globally – Keep Radiata Wild, prosecuting Centennial coal, the Stop Adani campaign, Get-Up, Avaaz, 350.org etc ii) Analysis of structural causes and the creation of structural alternatives – analysing our current situation and creatively redesigning the structures and systems that make up our society so as to facilitate equitable and sustainable access to resources such as food, energy, education, transport, housing, money and health. Examples include the rise in production of renewable energy technologies, sustainable food production, farmers markets and at least 35 councils, representing around three million Australians, have already committed to the Cities Power Partnership, a Climate Council initiative to slash emissions at a local level etc. iii). A shift in consciousness underlies the first two dimensions. This is essentially the shift, which is being reflected in the sciences, and is known by indigenous cultures, from a perception of separateness to an understanding of the interconnectedness of life on the planet.

Joanna points out that the Great Turning comes with no guarantees. She says that its risk of failure is its reality and insisting on belief in a positive outcome puts blinders on us and burdens the heart; we might manage to convince ourselves that everything will surely turn out all right, but would such happy assurance elicit our greatest courage and creativity? And this courage and creativity can be seen as active hope which is a practice of becoming active participants in bringing about what we hope for, in contrast with passive hope which tends to imply waiting for an external saviour of some sort. In this way, hope can be understood as a force that motivates action and participation in working for change. Joanna emphasises the importance of choice that people have in determining which dominant narrative they will engage with and suggests that choosing to participate in the Great Turning is an act of active hope.

BLUE MOUNTAINS CONSERVATION SOCIETY

www.bluemountains.org.au

'Like' us on Facebook:

Blue Mountains Conservation Society

Follow us on Twitter: bmcsnsw



40. MACROPOD COUNTRY,

Jerrong and Mount Armstrong districts

"Macropods" are big-footed marsupials belonging to the family *Macropodidae*, which includes kangaroos, wallabies, wallaroos, pademelons, and the quokka (in Western Australia)

A slow drive or bicycle ride along the unsealed back roads between Oberon and Taralga often offers sightings of a number of macropod types. With so many of our Blue Mountains mammals nocturnal, it is inspiring to view these creatures in daylight, provided one maintains a respectful distance.

The variety in native mammals in this region is influenced by the wide variety of habitats available. Human interference would now have contributed to that along with the original diversity of landforms and microclimates in the south-western Blue Mountains.



Macropod photos copyright Peter Smith.

(Top to bottom, left to right): **Swamp Wallaby, Eastern Grey Kangaroos, Red-necked Wallaby, Common Wallaroo.**

Swamp wallaby. Distinguished by dark colour. Lives in thick undergrowth in forest, woodland and heath in eastern and southern Australia.

Eastern Grey Kangaroo. Has a wide and almost continuous distribution between the inland plains and the coast where annual rainfall is more than 250 millimetres. It is likely that the development of the pastoral industry led to a marked increase in kangaroo populations.

Red-necked Wallaby. Grey to reddish above with pronounced reddish-brown neck, white or pale grey below, female paler, muzzle, paws and largest toe black, white stripe on upper lip. Common in the eucalypt forests of south-eastern Australia, including Tasmania.

Common Wallaroo. Dark grey to reddish above, paler below. Fur shaggy, coarse, varying from long to short among the subspecies. Its habitat is varied but usually features steep escarpments, rocky hills or stony rises, areas where caves, overhanging rocks and ledges provide shelter. Wallaroos have a distinctive stance, shoulders thrown back, elbows tucked into the sides and wrists raised. (**Source:** The Mammals of Australia, Australian Museum/Reed Books.)

(left) **Habitat Patchwork.** Human activities along the boundary of Gurnang State Forest and Blue Mountains National Park influence the variety of habitats available in the area for macropods. It is interesting to consider which species are more or less numerous since Charles Throsby became the first Caucasian human to visit in 1819. Photo by Christine Davies.

This "Blue Trail" is a collective description for sites in the western Blue Mountains that arouse natural or cultural interest or both. Most are only a short walk from roads or vehicular tracks. One day, a high quality walking path may link them.



BLUE MOUNTAINS CONSERVATION SOCIETY Inc: BUSHWALKING ACTIVITIES

Membership of the bushwalking group is open to Society members. The BMCS Bushwalking Guide which explains the numbered grades can be found on the Society's website www.bluemountains.org.au or can be posted on request. For more information call Maurice Kerkham 4739 4942, mobile 04024 02783, email mauricekerkham@hotmail.com or write to PO Box 29, Wentworth Falls 2782. Late changes to the program will be published on the website.

SATURDAY WALKS: Usually a full day longer walk at a faster pace. Bring morning tea, lunch and adequate water. If you are a new walker to Saturday walks, before attending contact the designated contact person or the Group Co-ordinator Harold Thompson harold.thompson@bigpond.com 6355 1762 or mobile 0409 010 737

Saturday Walks driver reimbursement: In an effort to ensure that car drivers are adequately compensated for the use of their vehicles a driver reimbursement policy applies (Check www.bluemountains.org.au Saturday Walks page for details)

Aug 12 **A Mystery walk.** Leader Bob 0408947325. Meet at Wentworth Falls CP 8.30am. Bring morning tea, lunch and your sense of adventure.

Aug 19 **Gardens of Stone.** A new adventure of discovery – off track, part exploratory wilderness area so party size limited. Dependent on 4WD availability Book early. 5km., Gr 3. May be scratchy so protective clothing necessary. Leader: Hugh huespe47@gmail.com 0423 309 854 after 8pm.

Walkers preferring on-track/longer walk should meet at Wentworth Falls. CP at 8. 30am, choose a walk and leader on the day.

Aug 26 **Victoria Falls to Pierces Pass.** Leader Mike 47573660 Meet at Mt Vic. Station car park 8.30am. 10km. Gr 3 Map Mt Wilson.

Sep 2 **Gardens of Stone.** A new adventure of discovery – off track, part exploratory wilderness area so party size limited. Other details and how to book, same as Aug 19 walk.

Walkers preferring on-track/longer walk should meet at Wentworth Falls. CP at 8. 30am, choose a walk and leader on the day.

Sep 9 **No walk nominated.** Walkers should meet at Wentworth Falls CP at 8.30am , choose a walk and leader on the day..

MONDAY LEISURE WALKS: Short Day walks of 3-5 hours, suitable for walkers of an average fitness. Bring morning tea and lunch and adequate water. The Group Co-ordinator is Keith Dorrian, 4736 1010, 04111 62345, keithdor53@hotmail.com

Aug 7 **Water Nymphs Dell,** Wentworth Falls. Follows by optional walk around lake. Meet Wentworth Falls car park 8.45 am. Kate Litchfield 4759 1943. Grade 2.

Aug 14 **Coxs Road and Lockyers Line of Road,** Mount Victoria walk on historic roads. Meet Mt Victoria Station 8.50 am. Car pool. Eddie Roberts 4884 2691. Grade 3.

Aug 21 **Golden Stairs, Katoomba to Leura via Dardanelles Pass.** Steep assent/descent. Long day. Meet Katoomba Station north side 8.20 am. Car shuttle fee \$5. Chris Smith 4787 6979. Grade 3.

Aug 28 **Perimeter walk, Bell.** Meet Mt Victoria Station 8.50 am. Car pool fee \$5. Tracy 0434 362 611. Grade 3.

Sep 4 **Bellbird Hill via Coachwood Glen,** Megalong Valley. Meet Blackheath Neighbourhood Centre 8.40 am. Car pool fee \$5. Meredith 4782 4823. Grade 2.

Sep 11 **Neates Glen, Grand Canyon, Beauchamp Falls and up to Evans Lookout,** Blackheath. Meet Blackheath Neighbourhood Centre 8.40 am. Car pool. Wayne and Mary Read 4739 0786 M 0429 021 296. Grade 3.

THURSDAY PLEASURE WALKS: Walks 2-3 hours conducted at a leisurely pace to suit walkers on the day. Bring morning tea, adequate water and lunch if noted. Group Co-ordinator is Beverley Thompson, 4757 2076, denfenella12@bigpond.com

Aug 10 **Porter's Pass, Blackheath.** Historic track built in 1866. Meet Blackheath Neighbourhood Centre 9.45am. Car pool. Take lunch. Leader Tracy 0434 362 611. Grade 2

Aug 17 **Upper Mountains Lookouts.** Short walks to ten lookouts. Meet Blackheath Station south side 9.45am. Car pool \$2. Take lunch. Leader Maurice 4739 4942 or 0402 402 783. Grade 1

Aug 24 **Fort Rock, Blackheath.** Meet Blackheath Neighbourhood Centre 9.45am. Leader Beverley 4757 2076. Car pool. Take lunch. Grade 2

Aug 31 **Anvil Rock, Wind Eroded Cave, Pulpit Rock, Blackheath.** Meet Blackheath Neighbourhood Centre 9.45am. Leader Maurice 4739 4942 or 0402 402 783. Car pool. Take lunch. Grade 1

Sep 7 **Blackheath to Medlow Bath.** Meet Blackheath Neighbourhood Centre 9.45am. Leader Tracy 0434 362 611. Take lunch. Grade 2

Sep 14 **Birdwood Gully and Madeline Glen, Springwood.** Meet Springwood Station Car Park north side 9.00am. Leader Maurice 4739 4942 or 0402 402 783. Car pool. Take lunch. Grade 2

Visit <https://www.facebook.com/bmcslongerbushwalks/>

Welcome to new members

Vicki Pepyat
Charlie
McIntosh
Huw McIntosh

From Page 8, Henry Lawson in the Blue Mountains:

* Jack Jones and Arthur Parker were "driving down Mount Victoria in a sociable". This is a bicycle that supports two riders who sit side by side. Other names are/were Buddy Bike and Side by Side Bicycle. (<https://en.wikipedia.org/wiki/Sociable>)

Photo (right) State Library of NSW - was taken in the 1930s by Sam Hood. (Public Domain, <https://commons.wikimedia.org/w/index.php?curid=17965242>)

