

HUT NEWS

"Nature Conservation Saves for Tomorrow"



**Blue Mountains Conservation Society
Notice of Annual General Meeting
Friday 26 March 2010, 7.30 pm**

Notice is hereby given of the Annual General Meeting of the Society to be held at the Conservation Hut, Fletcher Street, Wentworth Falls at 7.30 pm on Friday 26 March 2010. Business will include receipt of reports, adoption of annual accounts, determination of structure of Management Committee, election of President, Management Committee members and other office holders and appointment of auditor.

**Our Monthly Meeting follows the AGM, at 8pm
Youth Environment Summit and "Wind Girl" DVD**

After the formalities of the Annual General Meeting there will be a chance for members to meet the management committee and find out about some of the work done by the society in the past year.

Local students will tell us about the Youth Environment Summit which is being held on 19 March. This a great opportunity to hear some positive stories from young people.

We will also show a 13 minute DVD "Wind Girl" which is a very enjoyable and informative short film. Lithgow High School was recently announced as the National and NSW Secondary School Winner at the annual Kid Witness News (KWN) Awards for this production. It stars a local wind farmer from Hampton and his daughter Alex who highlight the importance of wind energy and how it ensures that we have a sustainable world for the future. Lis Bastion also features in the film.

We will be having a lucky door prize as well as a nice supper to make the evening an occasion to catch up with other members.

**Blue Mountains Conservation Society
Annual General Meeting and Monthly Meeting
Friday, 26 March, 2010
The Conservation Hut, far western end of
Fletcher Street, Wentworth Falls.**

**TAKE A ROLE IN THE
MANAGEMENT OF THE SOCIETY**

Our Annual General Meeting is on Friday 26 March, when members will elect a Management Committee for the year to 31 March 2011.

Serving on the Management Committee can be immensely rewarding. No prior experience is needed, just a commitment to serve the environment and a determination to "make a difference".

Our Society has been working for the Blue Mountains environment for 49 years and is probably the largest regional environmental group in NSW. It enjoys respect from the community and from the agencies with which it deals.

On page 8 of this newsletter are details of all Management Committee positions. You can obtain more information from the President or from other members of this year's committee (contact details are in the panel on page 2) and you can come along as an observer to the management committee meeting on Saturday 20 March, 9.15 am at Mid Mountains Community Centre, Lawson.

Please give consideration to nominating for a position. Whilst our constitution allows for nominations to be received on the night of the AGM, we really need to be organized beforehand to ensure that there will be at least one nomination for each position. To be nominated, send in the nomination form on page 12, or contact Tara Cameron 4751 1130 domtara@bigpond.com.

**From the
President**

This edition of Hut News contains information about our Annual General Meeting to be held on Friday the 26th of March. I would love to see many members there as it is a time to reflect on the activities of the Society throughout the past year and thank people for their hard work.

It is lovely to be able to acknowledge the volunteers at the nursery, bushcare group and members of sub-committees. I would particularly like to thank David Brazil who is leaving the Management Committee after many years as Monthly Meetings Convenor. I have appreciated the creativity that David has brought to this role.

Of course, the AGM is also opportunity to get more involved with the Society by joining the Management Committee. Although, yes, this does involve some work, I can personally attest to how energising it is to work with other people in striving to help nature. The roles are flexible and we can work out something to suit you!!

We particularly need a Monthly Meetings Convenor to help organise our gatherings. We have been thinking about some changes to the meetings and have lots of ideas, but need someone to help co-ordinate them! Similarly, we also need someone to help with administration. Please call me if you are interested: phone 4751 1130 or email, domtara@bigpond.com

Getting back to environmental matters, members will know that the Society has instigated legal action against Delta electricity for alleged pollution of the upper Coxs River (alleged high levels of salinity and heavy metals such as copper and arsenic).

The Society was successful in gaining a Protective Costs Order in the Land and Environment Court which meant that we could proceed to the case about the alleged pollution because costs would be restricted to \$20,000. Delta Electricity is appealing this decision and the appeal will be heard on the 16th of March. This is an important day for the Society so I hope to be able to report good news in the next edition of Hut News.

Speak to you next month, Tara Cameron.

"Hut News", the newsletter of
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HUT NEWS EDITORIALS

The deadline for the next issue of Hut News
is 20 March 2010

MEMBERSHIP ENQUIRIES

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BUSHCARE GROUP

Valley of the Waters Bushcare Group
meets second Saturday of each month, 9am
till noon. Tools and gloves are available.
Bring a drink, a snack and a hat. New
members are always welcome. Phone Karen
on 4757 1929.

Council adopts Precautionary Approach to GM

At the Blue Mountains Council meeting of February 2nd, the council formally resolved to take a "precautionary approach" to genetically modified (GM) crops in our local government area. This is a significant milestone in protecting both the environment and community health, and adds the Blue Mountains to the more than twenty local government areas around Australia that have taken a stand on this important matter.

On the long road leading to this very sensible resolution the council put the issue on public exhibition last year and called for submissions. The community response was overwhelming; 141 written submissions were received, with 138 supporting the "precautionary" recommendations before council. Such a clear statement of public opinion is a rare thing, and shows how out of step many of our politicians are. This is particularly the case at state and federal levels where the major parties all seem to dance in unison to the tune of the multinational bio-tech corporations.

It is at times like this that local government can make a difference and take on a real leadership role; in this

our thanks must go to those councillors who voted to take a "precautionary approach", these being:

Deputy Mayor Janet Mays;
Councillor Eleanor Gibbs;
Councillor David Clark;
Councillor Howard McCallum;
Councillor Brendan Luchetti;
and Mayor Adam Searle.

As a matter of public record the following councillors voted against the recommendations: Councillor Alison McLaren, Councillor Daniel Myles, Councillor Mark Greenhill; Councillor Fiona Creed, and Councillor Chris Van Der Kley.

Councillor Terri Hamilton was not in attendance on the night, and hence did not vote.

The full details of the recommendations passed by council and the results of the Public Exhibition process can be found in Item 13 of the 2nd February 2010 council business papers:

<http://www.bmcc.nsw.gov.au/download.cfm?f=54649966-423B-CE58-AA42547E98AD6BEC>

Craig Linn.

GM Eucalypts - forestry lunacy

To add significance to the GM "precautionary approach" adopted in our local government area the following news item is worth noting.

Two US corporations are currently seeking approval to plant entire forests of genetically modified eucalypts in the south east of the USA. These corporations believe they possess the wisdom to tamper with the very fertility of the trees, in that they "are banking on a controversial gene splice that restricts trees' ability to reproduce". While their claim is that this will reduce invasiveness, one is struck by the prescience of a commentator on the news item who states very simply that "The law of unintended consequences is waiting in the wings." To read the whole story and online commentary see: <http://www.scientificamerican.com/article.cfm?id=eucalyptus-genetically-modified-pine-tree-southwest-forest>

***** ADMINISTRATION OFFICER ADMIN ASSISTANT

The Society cannot function without someone to handle the normal day to day administrative work. The duties of the position are outlined on page 8. Our office is at the Conservation Hut, Wentworth Falls.

Do you have administrative skills and live within a reasonable distance of Wentworth Falls. Please consider nominating for this important position. Perhaps the job could be shared by two people.

If you don't feel able to take on the full responsibility of being an Administrative Officer, perhaps you might be able to offer administrative assistance one or two mornings a week.

Find out more from Rob Baigent phone 4759 3104 or email robbaigent@iprimus.com.au

From the nursery: Do you have any forestry tubes or super-tubes or small (less than 1 litre) round pots sitting idle at home? Then why not bring them to our nurseries or the Magpie Markets and we will give you 10 cents off your next purchase for each intact pot or tube.

Weeding and Wading Walkers: Its time for another dose of the Grose!

Over the last two decades, BMCS members have been actively involved in the "Great Grose Weed Walk", a bi-annual program of the NPWS and Blue Mountains City Council that aims to prevent exotic plants from invading the Grose Wilderness. It started about 17 years ago when Gorse (*Ulex europaeus*) was beginning to invade the Grose Valley. Local conservationists, including many BMCS members and NPWS staff, accustomed to walking into the Grose to enjoy the stunning Blue Gum Forest, combined their walking trips with weeding to stop Gorse suffocating it.

Since then, official recognition of the Grose Valley's conservation significance has moved on: The Grose River has been declared a Wild River, the Grose Valley declared a Wilderness Area and the whole of the Blue Mountains National Park forms part of the Greater Blue Mountains World Heritage Area.

Since its early days, the Great Grose Gorse Walk (as it was first known), has achieved a lot. The amount of Gorse has been considerably reduced, and the program to eradicate it in the Blackheath area is hailed as a model for weed control due to the joint efforts of volunteers, local residents, the Blue Mountains City Council and the NPWS (now part of the Department of Climate Change, Conservation and Water - DECCW).

Unfortunately, the range of invasive plant species has also moved on, and the Great Grose Gorse Walk has morphed into the Great Grose Weed Walk (GGWW). The name change reflects the fact that Gorse is not the only invasive plant to threaten the iconic valley so cherished by bushwalkers and conservationists alike. For example, a massive infestation of Scotch Broom (*Cytisus scoparius*) was triggered on Katoomba Creek by the 2002 bushfires, posing a serious threat. Familiar weeds like Blackberry, Privet and Seaside Daisy are still needing our attention in the creeks while Tutsan and Japanese Honeysuckle are invading our Blue Mountains Swamps.

Both Broom and Gorse are capable of producing thousands of seeds each year, some of which can remain viable for up to 70 years. Their seeds explode from the plants and are washed down creeks into the bush where they displace native species and dramatically reduce biodiversity.

The Braeside area in Blackheath is still suffering from dense patches of Gorse. Regular monthly work sessions by Braeside Bushcare Group, supported twice each year by GGWW volunteers, has been instrumental in holding most of the Gorse above the escarpment, but some is escaping over Govetts Leap. So there's still weeding to be done between Govetts Creek and the Blue Gum Forest as well as in Braeside, requiring reasonable fitness and bushwalking experience.

Bushwalkers are particularly encouraged to participate in the Great Grose Weed Walk events, to build on the successful "combined bushwalking clubs weeding days" held during Great Grose Weed Walks in past years. These days involved the NPA, Springwood Bushwalkers, Blue Mountains Conservation Society, and the Upper Blue Mountains Bushwalking Club.

Another change is that - recognising not everyone is up to the walk into the Grose - the GGWW is now a program of activities so there is an event that suits all levels of abilities. So, if you're keen to keep nurturing the Blue Gum Forest from the top of the escarpment, check out the program and get out your volleys ready to take out some weeds! The March program is on this page.

The GGWW is a joint program of the NPWS and BMCC. For more information about bushcare please contact:

Vanessa Richardson on 4787 3112

vanessa.richardson@environment.nsw.gov.au or

Lyndal Sullivan on 4780 5528 lsullivan@bmcc.nsw.gov.au

Microstrobos Morning at Wentworth Falls



We all know about the discovery of the Wollemi Pine.

But, did you know that Wentworth Falls has its own prehistoric plant?

It grows in the spray zone of waterfalls on the southern escarpment between Wentworth Falls and Katoomba, and there are only around 300 individuals in the wild.

Come along to learn more about the Dwarf Mountain Pine from guest speaker Wyn Jones and what you can do to help it survive.

When: Saturday, 10 April 2010
Where: Meet at the end of Falls Road, Wentworth Falls.
Time: 9am to 12 noon

RSVP is essential to
Karen on 4757 1929 or
khising@bmcc.nsw.gov.au

(Sketch of *Microstrobos fitzgeraldii* from Australian National Botanic Gardens, www.anbg.gov.au/anbg/conifers/microstrobos-fitz.html)

Bushwalkers and bush carers. Help to continue the tradition of caring for the Grose Valley

THE GREAT GROSE WEED WALK

March 2010 Program:

Acacia Flat: two days weeding and wading along Govetts Creek. . Camp overnight Acacia Flat..
Saturday 6 March to Sunday 7 March
Contact: Vanessa Richardson 4787 3112

Katoomba Creek:
Sunday 14th March, 9am to 4 pm
Contact: Lyndal Sullivan 4780 5528

Wentworth Creek Swampcare:
Tuesday 16th March, 9am to 3 pm
Contact: Michael Hensen (BMCC) 4780 5471

Braeside Blitz:
Sunday 24th March, 9am to 3 pm
Contact: Vanessa Richardson 4787 3112

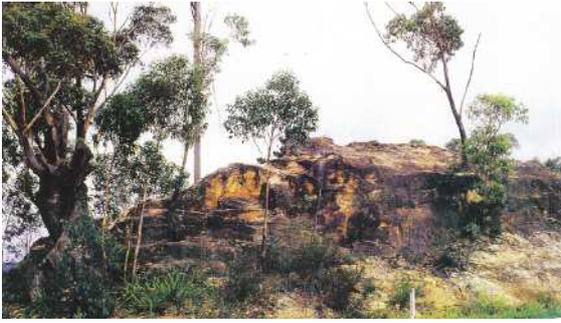
Govetts Leap: Weeding with a View (And a BIG morning tea!)
Wednesday 31st March, 9am to 1 pm
Contact: Vanessa Richardson 4787 3112

For more information contact:

Vanessa Richardson, National Parks and Wildlife Service, Ranger for the Grose Valley: 4787 3112,

Lyndal Sullivan, Blue Mountains City Council, Bushcare Co-ordinator: 4780 5528.

PROPOSED BLUE MOUNTAIN RESERVE at SYDNEY ROCK



Support is being sought for the establishment of an educational reserve on a portion of railway property between Lawson and Hazelbrook. The proposed name "Blue Mountains Reserve" keeps alive the original name of Lawson (1866-79).

The current widening of the Great Western Highway is planned to involve rerouting the railway from south to north of Sydney Rock. This means that the existing cutting, south of Sydney Rock, will be replaced by one to its north, and the intention is to fill it with material from the new cutting.

This appeal is that the old cutting be left open, at least the part immediately south of the Rock, and that the Rock and adjacent railway property be reserved as a heritage item, on account of its considerable historical, geological and botanical interest.

History

Sydney Rock is said to be so-named because travellers from Bathurst had their first view of Sydney from its summit. It is mentioned in guidebooks from 1882 as a tourist landmark. Local residents remember Sydney Rock in the 1940's as a favourite picnic spot. It is currently cut off by heavy traffic on the highway, but now the opportunity is presented on bringing this Uluru-like dome back into popular use and prominence.

The railway cutting itself deserves preserving as a heritage item. The southern face of the cutting represents the original engineering of 1866. When the rail line was duplicated in 1902 the cutting was widened so that the northern face represents the 1902 engineering. Under the old bridge, on the southern side, is an embankment wall of massive sandstone blocks to support the bridge, a construction that probably goes back to 1866 (perhaps the oldest surviving structure in Lawson). It illustrated one of the engineering challenges of the site at the time.

Geology

The cutting shows excellent stratigraphy with the massive Hawkesbury Sandstone overlying the more friable Narrabeen Shale/Sandstone series. There are few places where this contact is so visible and accessible. With the east-west tilt of the geological strata of the Blue Mountains, the Hawkesbury Sandstone is found outcropping only in the Central Blue Mountains, leaving the surface topography of the Upper Mountains to the Narrabeen Series. Sydney Rock is the last bastion of the Hawkesbury Sandstone on its western margin.

Botany

Botanists have been observing that railway property

often preserves beside the rail line pockets of remnant bushland, long free of disturbance and grazing. Judy and Peter Smith surveyed this small area in 2007 and reported a rich diversity of vegetation communities and plant species, some of special conservation significance. Three native vegetation communities occur:

1. Red Bloodwood – Silvertop Ash Open-forest/Woodland
2. Sydney Peppermint – Sydney Red Gum Open-forest
3. Blue Mountains Escarpment Complex (associated with sheltered, moist rock faces).

This community has a very restricted distribution and is listed as very significant in Schedules 3 and 5 of the Blue Mountains Local Environment Plans (1991, 2005). It includes the rare Cliff Teatree, *Leptospermum rupicola*, which is found growing on the moist rockface in the railway cutting. At Lawson it is at the eastern end of its distribution in the Blue Mountains.

Other species of particular conservation significance include the Mossy Geebung, *Persoonia acerosa* which is listed as a threatened species (1995), *Dianella tenuissima* (only described as late as 2006) and the uncommon hybrid *Philothea hispidula x myoporoides*.

The Smiths recorded 118 species in the course of a brief survey, noting that further species, particularly grasses and orchids, could well be revealed in future searches.

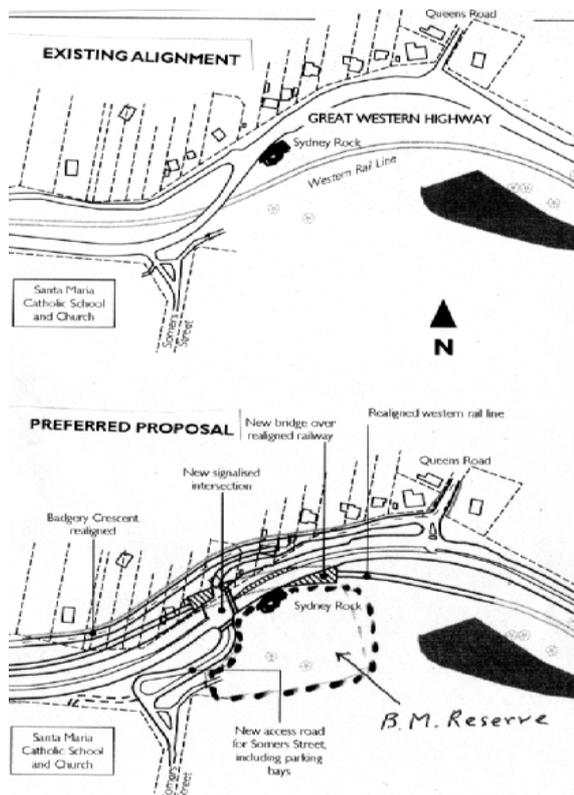
This reserve would be a valuable educational asset for the future. It has botanical conservation significance combined with geological and historic importance. The advice and support of the Blue Mountains Conservation Society would be valuable for this proposal.

Written by: Eugene Stockton and Chris D. Whiteman

- Photos: 1. Sydney Rock
2. Stone wall on railway cutting, circa 1866.



Proposed Blue Mountains Reserve at Sydney Rock



The Society supports the proposal, outlined on Page 4, which was brought to the attention of the management committee by member Chris Whiteman.

The proposal arose from Dr Stockton's concerns about the current widening of the Great Western Highway, which will involve rerouting the railway between Hazelbrook and Lawson from south to north of Sydney Rock.

Dr Stockton is urging that the old railway cutting, at least the part immediately south of the Rock (part of the original engineering completed in 1866), be left open and that Sydney Rock and the adjacent railway property be reserved as a heritage item on account of its considerable historical, geological and botanical interest.

To add your support to this proposal you can write to:

General Manager, Blue Mountains City Council,
(Locked Bag 1005, Katoomba 2780,
council@bmcc.nsw.gov.au)

write to or contact: your local councillors, (postal and email address as above), and

write to State Member Phil Koperberg. MP (107-109 Macquarie Road, Springwood 2777, phone 4751 3298, fax 4751 1245,
email bluemountains@parliament.nsw.gov.au)

MOUNTAIN MEMORIES

by Wilson Alcorn

I will not forget my first day's work as a ranger! At 7am I walked down the Furber Steps opposite the Caravan Park to the National Pass (too early for the Scenic Railway), through the landslide on Mt Solitary track for two miles. Here the track was flooded and a mattock and shovel were cached behind a rock. I thought a lot of assorted birds were calling till I realised a Lyrebird had a dancing mound nearby and was showing off his skill as a mimic!



I had no billy to boil, just a sandwich and water. I had a stream of visitors checking on progress - Lyrebirds, Bower birds, Honeyeaters, Robins, Rosellas, Parrots, and even a Pilot bird and a Wonga Pigeon.

It was 4pm before I realised it and I decided to cut across to the track. A mistake, as the dry river bed was full of prickly hakea and blackberries! The last car had gone and I had to walk up the Furber Steps carrying the mattock and shovel. Birds made the day! I was a foundation member of the Western Australian Branch of the RAOU and birds have brought a lot of beauty and interest into life.

We painted white arrows on rockfalls to show a way to scramble through. We could not move rocks, some were the size of bus shelters. The landslide occurred, I believe, in 1932 probably at midnight, a time dreaded in mines as a critical point in the cooling cycle of the earth's crust (also a time when the human life force is at its lowest ebb). A safe track, and we never had anyone lost as Narrow Neck Cliffs tower over the track and Mt Solitary can be seen from any point in the Jamison Valley or Cedar Valley on the other side where all big timber has been logged (the very valuable Australian cedars).

Behind the Scenic Railway complex is a fine stairway cut out of the rock to the Furber Steps and passing Orphan Rock, closed as it was unstable. We arrived one day to find the track buried under six-eight feet of black earth from a slip. The soil here sits over rock and trees are very shallow-rooted. We shovelled it all back to rock but guard fences and rails were all gone except one bent one of the point. I set Johnny (one of the lads on the Red Scheme) to chisel away cement at the base and get rid of it. I came back to find him with his back to a 100 foot drop, chiselling and shaking the post. I got him to face the other way (carefully!). He was a gentle lad, a "New Age Man" much loved by young ladies but hard to place. I got him planting shrubs and trees in parks and he then was gardener in a handicapped childrens' home for two years till the Railway Department asked him to take over gardens on Blue Mountains Railways (mostly natives) working his own hours. He is now married and has bought a house.

For the agile, the Golden Stairs off Narrow Neck is a good way to reach the Mt Solitary track. It has a ladder and narrow ledges. Good footwear and please, NO THONGS!

Wilson Alcorn, former Head Ranger for BMCC looking after the Blue Mountains walking tracks..

BLACK AND WHITE IN THE BLUE MOUNTAINS

A presentation by Jim Smith

Historian and ecologist Jim Smith has been travelling through and documenting the country of the Gundungurra speaking people of the southern Blue Mountains for over twenty years. He will be giving a presentation of his research at the Wentworth Falls School of Arts on Saturday 6th March at 10.30 am (morning tea at 10am).

The talk is sponsored by the Blue Mountains Historical Society as their annual 'Beryl McLaughlin Lecture' for 2010 and is free of charge.

Some of the topics covered will include his mapping of Dreaming journeys, Aboriginal travel routes and significant landmarks. He will explain the web of biological and spiritual kinship that developed between the Aboriginal and non-Aboriginal people of the Burratorang Valley and how the memories of black and white people about their shared past have become entangled. He will talk about the meanings and locations of Aboriginal place names, the healing practices of the Gundungurra people, and untold stories of Katoomba's 'Gully' Aboriginal community will be revealed. The talk is open to any interested member of the public.

Fitzgeralds Creek Tara Cameron

Sydney Water's proposal to discharge stormwater containing 5-8% untreated sewage down Fitzgeralds Creek was reported in detail in the February edition of Hut News. We are concerned that the discharge will lead to sedimentation of downstream pools, damage to banks and nutrient build up causing weed outbreaks. It is ridiculous to discharge this water and sewage when there has been funding for weed removal and an active bushcare group working in the area. Platypus plus high diversity of macro invertebrates have been recorded in the creek.

Sydney Water has acknowledged the concerns raised by both the Society and Council's environmental officer about downstream environmental impacts. A review is being conducted into the decision. We hope that this will lead to the stormwater and sewage being discharged into another creek, east of the Winmalee STP that is less environmentally sensitive (the creek identified in the process as Option 4). We will provide an update in the next Hut News.

Lawson Nursery open Saturday

The Lawson Nursery will be opening on Saturday mornings during March and April to provide easier access for cashing in Council's Tree Vouchers. So, bring along a box and get lots of other lovely plants as well. Autumn is the ideal planting time. Enquiries: Kevin Bell 47876436.

The Society no longer has a FAX. You can contact the Society by phone or email. Contact details are on page 2.

Observing Nature Christine Davies

Shifting clouds in the Grose Valley.

It seems that many tourists who come to a lookout take a quick look, maybe a nervous laugh "It's a long way down", a photo opportunity, and back in the car and on to the next stop.

On this day, people who came to Govett's Leap Lookout stayed for a while, watching the shifting clouds: the waterfall pounding down after days of rain, then its gone, mountains and ridges and golden cliff faces appearing and disappearing, trees in the valley obscured by cloud then the clouds lift. Looking down at the trees, a young girl said to her mother "It looks like a photo, but it's not". I thought that she was right. And most people who come to the lookout see only a picture, not a living thing.

Imagine! In the valley and on the surrounding ridges there are millions of trees, shrubs, herbs and grasses, each one with flowers and seeds in season. There are innumerable creatures, from the smallest insect to the largest mammal, living and dying, eating or being eaten, pollinating the flowers, dispersing the seeds, mating and reproducing, fertilizing the soil with their droppings. There is birdsong, the rustle of leaves in the breeze, the sound of running water. There are fish and frogs and crustaceans in the creeks, fungi and other organisms returning dead vegetable and animal matter to the soil. The "view" is a magnificent living organism.

I stayed at the lookout I think for longer than anybody, watching the drifting clouds. It was magic!

The Sassafras Valley

Our walk on 18 February was the Sassafras Track at Springwood. It was a mild day, not too hot. We walked down the Sassafras Track to the junction of the Victory Track (downhill all the way) and back again (not downhill).

Coming back we had the excuse for many stops, observing nature, things we had not seen while watching our feet on the way down, or a longer look at things we had seen. Angophora trees had recently shed their bark and their trunks were bright. Mighty Turpentines reach for the sky. After the recent rains there were lots of mushroom fungi, bright red, orange, blue, black, white.

Bernadette and I stopped to look at the tendrils on a Hardenbergia vine. Then we saw what we thought were small grass stems with seeds, and Bernadette, with sharper eyes than mine, noticed a tiny insect on one of the stems, too small to see what it was.

We spent some time trying to take some macro photos. Bernadette, with steadier hands than mine, took this one. The "grass seeds" turned out to be flowers, and the insect an ant, and such an unusual ant, with long back legs.

While photographing the flower and ant, we noticed an orchid, perhaps *Cryptostylis erecta*.

All this at one stop along a bush track.



Environmental Note

David Hall

In 2010, for the first time in the history of the world, a majority of the world's population will be living in cities. In 1950, 30% of the world's population was urbanised. In 2050, 70% are expected to be. This will continue to place huge demands on agricultural land to produce sufficient food. There is also the additional demand for a more sophisticated diet in the Developing Countries now growing their economies at high rates.

China is said to be growing its economy at 10.7% p.a. with India at 7.9%. China is expected to be 73% urbanised by 2050 with India 55% urbanised. In India, agriculture uses 80% of the water supply with the added difficulty of over irrigation and excessive use of fertilisers depleting water supplies. The level of ground water in the aquifers of Northern India fell by around 10 cms a year from 2002 and 2008. This is the same volume of water melted from Alaskan glaciers over the same period. Similar demands on water supply are estimated to be happening across the Developing World.

The 'gold standard' for agricultural productivity is provided by the USA which has increased wheat yields from 26 bushels per acre in 1965 to 45 bushels per acre in 2008 and corn yields from 74 bushels per acre in 1965 to 154 bushels per acre in 2008. This is the example for the Developing World but the water demands on aquifers in the USA do not get the same publicity.

In Australia, we have uneconomic rice farming taking massive amounts of water to add to agriculture's already high demands together with fertilisers leaching into natural water ways. A challenge for the 21st Century is to find a way to use water much more efficiently and to prevent fertilisers leaching into natural water ways.

The 'green revolution' in plant breeding in the second half of the 20th Century provided considerable improvements in crop yields. The next 'green revolution' has to be to about water use in agriculture.

Sources: The Financial Times. The Economist. Foreign Affairs Journal.

Down the Wallaby Track — a backward glance, with John Low AN IMAGINED FRIENDSHIP

In the decade prior to World War I Katoomba began to grow in confidence, shedding its origins in coal and shale for a prosperous future as one of Australia's most popular tourist resorts. Interesting new residents were arriving, many of them creative people attracted both by the grand landscape and the opportunities the new confidence promised.

Albert Aldis was an English-born artist and musician who arrived in Australia via New Zealand and settled his family in Katoomba in 1907. While briefly in Melbourne in the early 1890s, he had lived with and taught the young Percy Grainger. In Katoomba he established a studio where he taught drawing and painting, violin and piano and began to specialise in Blue Mountains landscapes and botanical subjects which he sold and exhibited widely.

A year later, Victorian-born printer and photographer Harry Phillips also brought his family to the Mountains. He too set up in business in Katoomba and began to produce a growing array of postcards and souvenir pictorial booklets for the tourist trade. While a living had to be made, there is a strong impression that neither man cared much for the practical side of commerce and that it was their wives who held things together. For Albert and Harry, the natural world at their doorstep consumed their attention.

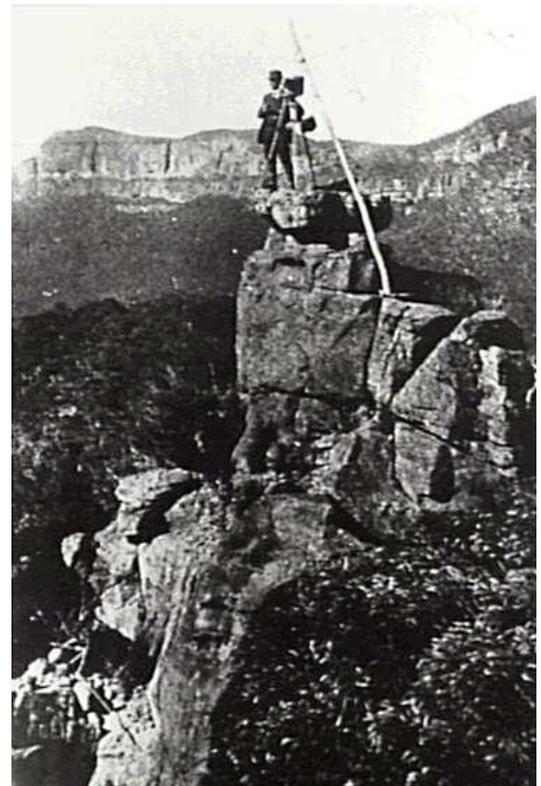
Both men enjoyed working in the open air, getting their boots dirty for their art. A love of nature had always informed Albert's work and his wife Olga recalled in later life how their house was always filled with natural specimens and other bits and pieces collected while the family was out in the bush "with their father spending whole days with a picnic hamper and the inevitable billy". For his part, Harry Phillips also spent long periods wandering the Mountains in search of photographs and was known to rush from his shop the moment interesting cloud formations appeared in the sky. He would disappear for hours, leaving his wife Isabel to cope with business.

I have no evidence that these two similarly passionate men were ever friends but I can't help imagining them bumping into each other on the track, Albert with his paintbox and sketchbook and Harry weighed down by his heavy camera, chatting for a moment about vantage points, vistas and cloudscapes. Both men left the Mountains in the 1920s, Albert for Manly where he died in December 1921 and Harry for Willoughby where he continued to publish his Blue Mountains photographs until his death in 1944.

A painting by Aldis of Sylvia Falls in the Valley of the Waters is held by the Blue Mountains City Library while a panorama of the Jamison Valley and Mount Solitary, painted for the owners of Lillianfels in 1910, was returned to the new guesthouse in the 1990s. His Blue Mountains paintings pop up regularly in art auctions around the country. Large collections of books and photographs by Phillips are held by both the library and the Blue Mountains Historical Society.

John Low

(johnlow@iprimus.com.au)



(Photo: Harry Phillips on Ruined Castle)

BLUE MOUNTAINS CONSERVATION — MANAGEMENT COMMITTEE DUTIES AND RESPONSIBILITIES. APRIL 2010 TO MARCH 2011

MANAGEMENT COMMITTEE POSITIONS: The following office bearers comprise the BMCS Management Committee. These members attend monthly Management Committee meetings, and other meetings as needed. Additional personal time is needed to effectively handle the responsibilities. A guide to the total number of hours per month (hpm) is shown in brackets after each position.

President (35 hpm)

- Provides leadership and direction for BMCS
- Chairperson for BMCS meetings
- Spokesperson for BMCS
- Coordinates the BMCS response to ad hoc matters
- Provides copy for Hut News
- Participates in selected BMCS objectives where practicable

Senior Vice-President

Second Vice-President

(two positions, each 15 hpm)

- Deputises for the President as required
- Takes responsibility for one or more nominated major projects
- Undertakes business arising at meetings, assists sub-committees when required
- Welcomes members and visitors at monthly meetings, assists with name tags and attendance book.

Administration Officer (30 hpm)

- Receives and distributes incoming mail from post and email
- Prepares monthly schedules of correspondence – inwards and outwards
- Manages office, including files, archives, stationery supplies, computer and other office equipment

Meetings Secretary (15 hpm)

- Prepares meeting agendas and minutes.

Membership Secretary (35 hpm)

- Initiates programs to attract new members to the Society
- Keeps membership records
- Sends welcome letters to new members
- Sends renewal notices, follows up members who become unfinancial
- Removes unfinancial members from membership
- Provides monthly membership report
- Arranges printing and postage for each member mailout
- Deposits membership fees

Treasurer (10 hpm)

- Responsible for BMCS finances
- Responsible for BMCS insurance
- Pays accounts and deposits receipts
- Provides monthly financial report
- Prepares and lodges quarterly GST returns
- Arranges audit for AGM

Land Use Officer (20 hpm)

- Convenes land use sub-committee
- Monitors changes to land use/planning legislation
- Monitors developments and impacts
- Prepares submissions
- Initiates campaigns on key issues

Newsletter Editor (30 hpm)

- Liaises with existing and potential Hut News contributors
- Edits/produces 11 newsletters per year

Publicity/ PublicAffairs (35 hpm)

- promotes BMCS issues in the media
 - Attends monthly meetings and publishes a review in Hut News
- Takes photographs of key BMCS events, locations, people etc
- Provides website with news and views
- Prepares sundry publications for distribution. Writes a monthly column for BM Gazette with input from others.

Website Officer (12 hpm)

- Maintains BMCS website
- Updates content of website monthly and as required
- Designs and codes new web pages
- Manages web hosting account
- Advocates for acquisition of new communication technologies as appropriate

Meetings Convenor (10 hpm)

- Arranges speakers for each monthly meeting, after discussion with Management Committee
- Arranges hospitality, welcome, introductions, gift and supper for speakers

Environmental Education Officer (15 hpm)

- Responsible for education program
- Liaises with BMCC to promote community environmental. education
- Convenes env.ed. sub-committee
- Prepares publications, workshops, activities to inform the community about nature and conservation issues

Plant Nursery Manager (40 hpm)

- Responsible for overseeing operations of Blackheath and Lawson nurseries.
- Purchases nursery materials
- Collects and maintains a seed bank of local plants
- Arranges sales and contracts for plants with government and private individuals
- Promotes the use of Australian plants in private and Council gardens
- Manages nursery financial affairs

Climate Change/Sustainability Officer (15 hpm)

- Liaises with local CC/Sustainability groups and BMCC
- Continue with 'Sustainable ideas' each month in Hut News
- Takes an active role in political/governmental aspects of CC policy, submissions and grants.

- Supports sustainable village models and concepts, with an emphasis on transport and food solution.

National Parks Officer (15 hpm)

- Liaises with NPWS about parks management matters
- Lobbies to advance and enhance conservation in, or impacting on, national parks
- Campaigns for inholdings acquisitions
- Campaigns for parks/WHA additions

Threatened Species/Bushcare Officer (15 hpm)

- Deals with threatened species issues and prepares submissions etc.
- Promotes threatened species conservation
- Represents BMCS on the BM Threatened Species Recovery Team
- Liaises with NPWS, BMCC and other bushcare groups
- Represents BMCS at Bushcare Network meetings
- Advises on Bushcare issues

World Heritage Officer (15 hpm)

- Lobbies for WHA management funding
- Monitors/comments on WHA management
- Identifies/campaigns for WHA additions

Lithgow Regional Subcommittee Coordinator

- Represents and reports for Lithgow Regional Subcommittee.

MC Meeting Arrangements

Mid-Mountains Community Centre, Lawson, 9.15 am to 12.15, Saturday prior to last Friday of the month.

Annual General Meeting

Conservation Hut, Wentworth Falls 7.30 pm, Friday 25 March 2011

Non Management Positions:

Public Officer (0.1 hpm)

- Contact point between BMCS and Department of Fair Trading.
- Ensures that annual returns are filed with Dept of Fair Trading

Bushfire Committee Rep. (5 hpm)

- Represents NCC on BM Bushfire Mgt C/tee and Risk Mgt Sub-C/tee.
- Attends appropriate NCC workshops

Walks Convenor (8 hpm)

- Sends welcome packs to new bushwalkers.
- Maintains Bushwalkers' sub-group insurance and attendance records
- Has in depth & up to date knowledge of bw insurance policy & requirements.
- Organises meetings of bushwalking co-ordinators & other interested bushwalkers.

Loose Feathers, with Carol Proberts

Of all the birds found in our area, the White-throated Needletail is the most superbly adapted for life in the air. Breeding in Siberia, the Himalaya and Japan they migrate across the globe to spend the months of October to April roaming the skies of eastern Australia. Some older books state that they never land for the 6 months they are here. So well adapted for life in the air are these birds, they can eat, drink, sleep and even mate while flying. It is, however, now known that they do go to roost after sunset, and sleep while clinging to vertical tree trunks, foliage or cliffs during their months in Australia.

White-throated Needletails (previously called Spine-tailed Swifts) are unmistakable once you're familiar with their distinctive shape and flight. Imagine a solid, cigar-shaped body with long, narrow sickle-like wings cutting through the air at breathtaking speed. Long sweeping glides are punctuated with rapid wingbeats as they surf the air currents scooping small flying insects into their bills. With a wingspan of half a metre, they are larger, faster and more powerful than swallows, the other well-known group of aerial insectivores. Ironically, the "spine-tailed" and "needletail" part of the names refers to the very feature that we are least likely to notice in the field, that is, the small, stiff spine-like projections extending beyond the straight tail-tip. The name "swift" seems much more suitable.

Needletails have a reputation for signalling humid thundery weather and flying ahead of storm fronts. They can also be seen during calm sunny days, but it's certainly spectacular to watch them in a dark and threatening sky, or in huge extended flocks several hours before a change is forecast. It might be that they come lower into visible range during these conditions, or that they congregate in larger numbers where the front carries them along with clouds of insects. I recently watched a group of about 25 flying at the very front edge of a storm; they were directly overhead when the first drops started to fall. Sometimes you'll see them mixed with other species such as swallows, martins, woodswallows and occasionally, Fork-tailed Swifts.

The largest flock of needletails I've ever seen was on New Year's Day 2003 in the Capertee Valley. I stopped counting after 1000. Reportedly flocks this size were much more common in the 1950s, but today you're more likely to see flocks numbering in the dozens, or fewer. Last summer, members of Blue Mountains Bird Observers reported 45 separate sightings of needletails in the mountains, with the average number seen just 10 birds.

Searching the late afternoon sky for "swifts" is one of my favourite summer pastimes. Even better when they swoop low above the trees with an audible "whoosh"! If you've ever seen them settling in trees or cliffs after sunset, please let me know!

Carol Proberts (origma@westnet.com.au)



White throated Needletail. Photo by David Cook. Canberra Ornithologists Group (COG) <http://canberrabirds.org.au>

Membership Application Form

(Use capitals please—even for email address)

Name(s) 1.
2.
3.

Address:
.....PC

Phone(s)

Email

MEMBERSHIP FEES (please circle one item)

Single \$25 Concession (Senior/Student)\$15
Household \$30 Concession (Senior/Student)\$20
Corporate (open to negotiation) \$100

Bushwalkers only.:
(\$20 per walker per annum) \$.....

Donation (tax-deductible) \$.....

TOTAL AMOUNT INCLUDED \$.....

Note: All fees include GST at the relevant rate.

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; Web or database management; Plant nursery assistance; Bushcare; Publicity/photography; Water quality/sourcing studies; Society administration.

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.

ENQUIRIES: Phone (02 4757 1872)
Email: membership@bluemountains.org.au

Please cut out and forward this form with your cheque or money order to:
Blue Mountains Conservation Society Inc.
PO Box 29, Wentworth Falls NSW 2782

Fish of Air

by Graham Alcorn

Wheeling, soaring, circling,
swooping on sickle wings,
out of the storm clouds come the Swifts,
swimming in the wind.

The boundless air is their ocean,
its fronts and pressure systems
their tides and currents.

A nightly cliff face to cling to
and launch into the dawn,
a rock ledge to glue a nest to
is all they need of the earth.

From "The Bird Baths of Umbigumbi".

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.

AMAZING BACKYARD ADVENTURES

at the Australian Museum, Sydney.

Amazing Backyard Adventures is a family-friendly exhibition designed to encourage budding young scientists to 'see the unseen' in the natural world found right outside their door!.

Take a journey inside a magnified backyard lawn and find out how it feels to be smaller than a blade of grass. Use special lenses to take a look at the backyard through the eyes of a dog or jump on board the flying bee for a bees' eye view of the garden. Or delve into the mechanics of the swing, slide and see-saw before exploring the 'frog eat insect' world of the interactive pond.

This hands-on exhibition is suitable for families particularly with children 8-12 years. Entry is free with general paid Museum entry. The exhibition closes on 18 April 2010.

NATIVE ANIMALS IN OUR BUSHLAND AND BACKYARDS

Feathertail Glider



(Feathertail Glider Photo: Pavel German, Australian Museum, <http://australianmuseum.net.au/>)

If you have big old eucalypts in your backyard and live near tall bushland trees, you might be lucky enough to find a group of Feathertail Gliders visiting.

The mouse-sized Feathertail Glider, weighing in at just over 10g, is the smallest gliding mammal in the world. Despite this, it can soar up to 20m using the strong membrane stretching from elbow to angle, whilst steering and braking with its distinctive 'feathered' tail (actually a row of stiff hairs down either side of the tail).

Although thought to be common, they are tricky to spot because of their tiny size, soft eye-shine and night-time life style. Keep an eye out for glider mums hungrily emerging from their nest in the late afternoon to hunt for insects or to have a drink. If there's a big cluster of eucalypt blossoms, you'll occasionally see a mass of up to 40 gliders having a party on the insects attracted there.

Feathertail Gliders live and breed in large social groups, from 7-22 individuals. Babies probably receive care from other females in the group, not just their mum.

Ho to be Friends to your Glider Buddies

- Plant their favourite foods, including *Banksia integrifolia* and other nectar producing plants.
- Protect any mature gum trees in your garden - they provide nesting hollows.
- Keep cats away from the garden (cats are known to be a common predator).
- Listen for their calls and scratchings - the mother and babies frequently communicate with each other by way of high frequency calls.
- Provide nest boxes: Feathertail gliders readily use artificial nest boxes and have been found nesting in all sorts of strange places, including telephone interchange boxes, old bird and bat nesting boxes and even banana bags.

Source: Foundation for National Parks and Wildlife. To find out more about our Backyard Buddies, visit http://www.fnpw.org.au/Backyard_Buddies

TARONGA ZOO PARENT

Blue Mountains Conservation Society is a Zoo Parent sponsor of a Feathertail Glider. You can see these delightful and elusive little animals in the Taronga Zoo nocturnal house.

A spectacular dragonfly Robin Murray



One of my personal highlights for 2009 was the October Plant ID. We did part of the walk from the Govett,s Leap car park to Pulpit Rock. The aim was to see the silver snow daisies [Celmisia asteliifolia](#) in flower but along the walk we saw a large spectacular dragonfly.

It was a cool misty day so it was perched low until conditions were more favourable so that we got excellent views of it.

We identified our dragonfly as the Waterfall Redspot (*Austropetalia patricia*).

The Waterfall Redspot is a large dragonfly of 7-8 cm. with the most beautiful red spots along the upper margins of the fore and hind wings. The thorax and abdomen were dark with a lovely pair of yellow markings per segment down the abdomen.

In NSW it occurs in the Blue Mountains, Wattagan Mountains and the New England National Park at altitudes from 200-1400 m. and north of 35 degrees south. According to the literature it is seen around the splash zone of waterfalls sphagnum bogs and water trickles.

We did see the silver snow daisies in flower and bud and had a truly wonderful day.

It is always the surprises in nature that make you realise what a special place we live in. **Robin Murray.**

BOOK REVIEW

Requiem For A Species: Why We Resist The Truth About Climate Change: by Clive Hamilton

Over the past five years, almost every advance in climate science has painted a more disturbing picture of the future. The reluctant conclusion of the most eminent climate scientists is that the world is now on a path to a catastrophic future and it is too late to stop it. This book is about WHY we have ignored those warnings.

A timely look at the major players in clean technology and what we stand to gain from them if we put the time, energy and money into them that they require to develop. This brilliant concise and clear-eyed account has it about right: 10 technologies could save the planet. *Review from Australian Wildlife E-news (Wildlife Preservation Society of Australia)*

'*Requiem for a Species* magnificently captures the idea that by and large, none of us want to believe that climate change is real. It explains our inability to seriously weigh the evidence of climate change, and to take appropriate action to ensure our own survival.' - *Tim Costello, CEO, World Vision Australia*

'Clive Hamilton, as usual, has courageously challenged the current nature of our society in this inspirational new book.' - *Graeme Pearman, former head of the CSIRO Division of Atmospheric Research*

THESE HILLS by Clive Roebuck

These hills that we regard as everlasting,
Are but a glance at time,
Hurried and haphazard in the casting,
The gentle breeze erodes their changing lines.

And poor man -- he sees them shimmer,
Himself a transient spirit touched with clay,
Sees the hills all coloured in illusion
And is reassured, day by day.

A morning flower blooms here on these hills,
And passes like a perfume borne on rain.
Man and hill and flower, though not of equal worth,
Are in their substance, very much the same.

*This poem is from Clive Roebuck's book
"Under the Scenic Hill"*

Tasmanian wood chipping update

Story by ANDREW DARBY,
THE AGE, February 5, 2010

WOODCHIP stockpiles are mounting unsold on Tasmanian wharves as Japanese paper-making customers increasingly resist chips from native forests.

The biggest exporter, Gunns Limited, has imposed rolling closures at woodchip plants, and logging contractors and forest workers who supply them are idle in a growing crisis for the forest industry.

The strong dollar and the global financial crisis are partly behind the slowdown in sales, according to Gunns

chief executive Greg L'Estrange. But he said green certification for the chips was also an issue of concern.

Perceptions had grown that hardwood chips came from native forests that were not well-managed, Mr L'Estrange said. Opponents say a shift in demand is under way that could hasten an end to the long conflict over native forests on the island state, where about 2000 hectares of old growth is logged annually, according to Forestry Tasmania figures.

"Most of the customers are demanding Forest Stewardship Council-certified wood right through the supply chain," said Paul Oosting of the

Wilderness Society. FSC certification requires that timber production shift to existing plantations, and not come from high-conservation-value forests.

Resources Minister David Llewellyn recently joined Gunns chairman John Gay on a trip to allay the concerns of six Japanese woodchip customers. Mr Llewellyn said on his return that he wanted to reassure the companies that Tasmania's practices were among the world's best.

Meanwhile Gunns has confirmed that its Longreach woodchip mill will close for five weeks.

BLUE MOUNTAINS CONSERVATION SOCIETY 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 Liz van Reyswoud on 4757 2694, email bushwalks@bluemountains.org.au 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. Before attending ring the designated contact person or the Group Co-ordinator Jim Percy 4758 6009 or email jp34@tpg.com.au

Date	Details	Contact	Meet at	(km)	Grade	Map
Mar 13	Nellies Glen and Devils Hole - steep descent and ascent - this walk had to be cancelled on Nov 21 last due to NP closure.	Ros 4733 3880	Gearins Hotel (Katoomba) CP, 8.30am	8	3	Katoomba
Mar 20	Dawes Ridge - Mt Twiss and beyond	Peter 4751 9637	Locked gate on Glossop Road, Linden, 8.30am	12	3	Katoomba/ Springwood
Mar 27	Boorong Crag - Mt May and beyond with great views into the Grose Gorge. Steep descents and ascents. This walk was cancelled on Oct 3 last due to bad weather. Half off track.	Jim 4758 6009	Leura School, Mt Hay Road, Leura, 8.30am	10	3	Mt Wilson
Apr 3	Turpentine Track to Bedford Creek. Some scrambling involved.	Bob 4757 2694	Woodford Stn CP (Sth side) 8.30am	8	2/3	Katoomba/ Jamison
Apr 10	Mt Hay Road, Pinnacles Track to Du Faur's Head and return.	Bill 4758 8545	Leura School, Mt Hay Road, Leura, 8.40am	8	2/3	Katoomba/ Mt Wilson

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 Maurice Kerkham, 4739 4942, email mauricekerkham@hotmail.com

Date	Details	Grade	Contact	Meet
Mar 15	Botanical Gardens, Mrs. Macquarie's Chair. City walk, harbour views.	1	Maurice 4739 4942	Top of escalators, Central, 9.30 am.
Mar 22	Bus Trip: Bidjigal Reserve, Baulkham Hills. Book and pay Birgitta (4784 3191). Fare \$10.	2	Ken & Judith 4758 6310	BMCC Depot, South Street, Katoomba 8am
Mar 29	Birdwood Gully and Madoline Glen. Walk to secluded glen.	2	Maurice 4739 4942	Springwood Rail carpark, 8.45 am.
Apr 4	EASTER. No walk			
Apr 12	Aeroplane Hills, Wentworth Falls. Visit 1940's plane crash site.	2	Maurice 4739 4942	Wentworth Falls carpark, 9.30 am

THURSDAY PLEASURE WALKS: Walks of 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 Simone Bowskill, 4757 3416, email simbow@tpg.com.au

Mar 18	Peggy's Pool, Faulconbridge. Short walk down to early swim pool.	2	Maurice 4739 4942	Faulconbridge Station carpark, 9.15 am
Mar 25	Gordon Falls to Leura Cascades. Clifftop walk with varied scenery on bush path.	2	Joan C/o 4782 5966	Cnr Megalong Street and Leura Mall, 9.30 am Car pool.
Apr 1	Deanei Reserve, Springwood. Wander through a Blue Gum forest.	2	Maurice 4739 4942	Springwood Rail car park, 9.15am.
Apr 8	Dante's Glen, Lawson. Steep descent into cool valley, past waterfalls and rainforest.	2/3	David 4757 3416	Car park, Lawson Bowling Club, 9.30 am
Apr 15	Witches' Leap, Furber Steps, Boardwalk, Katoomba. Descent into rainforest. Return via Scenic Rail. Lunch optional.	2	Joan c/o 4782 5966	Opposite BM Council Chambers, Katoomba, 9.30 am.

The Management Committee always needs new talent, and urges you to consider nominating at the AGM for one of the positions set out on page 8. You can nominate on the night but it helps if we are organised beforehand. You can nominate by filling out this form and mailing to the Meetings Secretary, PO Box 29, Wentworth Falls 2782 to arrive at least 24 hours before the AGM.

Blue Mountains Conservation Society Inc.
2010/2011 Management Committee Nomination Form

We and

.....Being members of the Blue Mountains Conservation Society hereby nominate

..... For the position of

Signed Date