



NATIONAL PARKS ASSOCIATION OF NSW
protecting nature through community action

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SOUTHERN SYDNEY BRANCH

PO Box 312, Engadine, NSW 2233

NEWSLETTER

Issue No. 95, August 2011

If undeliverable return to:

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Print Post Approved P245358/00024

News and Notices

Branch Office Bearers for 2011/2012

At the Branch Annual General Meeting held on 27 July 2011, the following were elected as Branch office bearers for 2011/2012:

President: Brian Everingham

Vice President: Peter Vaughan

Secretary: Gary Schoer

Treasurer: Judy Evans

Newsletter Editor: John Prats

Minutes Secretary: Joy Scott

State Councillors: Gary Schoer, Jim Callaway, Joy Scott, Brian Everingham

Reserve State Councillors: John Prats

Park Management Rep: Jim Callaway

Newsletter Distribution: Phil Proops

Project Officer: Tomas Kelly

Activities/Publicity: Peter Vaughan

We thank Graham Reid for his excellent job in chairing the meeting.

Your Branch Needs You

We are in need of volunteers to join the

Branch Christmas Picnic

(with birdwatching and spotlighting).

Sat., 17 Dec.

Royal National Park

Details on page 6.

Branch Committee to help with Branch campaigns and activities. If interested please ring Brian 95209341 or Peter 9528 7341 if you would like more information.

NPA Launches COMMUNITY PULSE on Environmental Issues

NPA has launched a "Community Pulse" channel on YouTube showing a series of news clips of interviews with community members and industry representatives on various issues, including Traveling Stock Routes (TSRs) and coal seam gas (CSG).

To access go to:

<http://www.youtube.com/NPANSW>

The site includes a series of film clips taken at the "Stop CSG" Illawarra community forum held on 21 August 2011 at Thirroul.

(For more details on the CSG issue visit: <http://stop-csg-illawarra.org>)

Georges Riverkeeper and NPA Seek Volunteers to Revitalize Georges River National Park

The Georges River catchment contains a diverse range of land uses, from robust ecological communities to densely urbanised development. Large areas of the Georges River catchment are covered by National Parks & Wildlife Service reserves and protected areas which include Georges River National Park (GRNP), Kamay Botany Bay National Park, Towra Point Nature Reserve, Heathcote National Park, Dharawal State Conservation Area and Leacock Regional Park.

However, the river's 960-square kilometre catchment is populated by more than one



Rubbish is strewn along the foreshore at Alford's Point, a vital saltmarsh community across from GRNP. Photo: David Kuhn

million people, and is confronted by numerous threats to its ecological health.

The Georges River Combined Council Committee (GRCCC)'s Georges Riverkeeper Program is proposing to introduce working bees in partnership with the Southern Sydney Branch of NPA volunteers to remove rubbish, and attack noxious and environmental weeds within hard-to-access intertidal saltmarsh and mangrove zones of the GRNP.

The Riverkeeper Program is focused on protecting the ecological health and biodiversity of the river system using bush regeneration practices and removing rubbish and litter from the river system. In 2010, the Program delivered:

- The removal of 32.8 tonnes of rubbish

Cont'd next page



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National Parks Association of NSW is a non-profit community organisation which seeks to protect and conserve the complete range and diversity of species, natural habitats, features and landscapes of New South Wales.

NPA Southern Sydney Branch:

President: Brian Everingham
Phone: 0419260236
Email: ssydney@npansw.org.au

Secretary: Gary Schoer
Phone: 95701813
Email: ssbnpansw@bigpond.com

Newsletter Editor: John Prats
Phone: 95432202
Email: pratsj@bigpond.net.au

Strategy meetings: All are welcome to attend, have your say and hear what's happening in the NPA. Contact Brian Everingham on 0419260236 for details. Held on the 3rd Thursday of the month.

Branch meetings: Come and meet other members from your local area, new members and friends are most welcome. These meetings are organised for you, are informal, informative and relaxing. An interesting evening is guaranteed and supper is provided. These meetings are held on the fourth Wednesday of the month (except Jan and Dec).

The venue for Branch meetings is the Multi-Purpose Centre, 123 Flora St Sutherland (near Belmont St) 3 minutes walk from the railway station and with plenty of parking. All meetings commence at 8.00pm.

Next Newsletter:

Members are most welcome to submit articles for the newsletter. These could be on walks, trips, flora and fauna, observations and relevant historical accounts. Post to PO Box 312, Engadine, NSW 2233 or email to pratsj@bigpond.net.au. **Deadline** for articles is **18 November 2011**. Suggestions re newsletter are welcome. Views expressed in the newsletter are those of the authors alone.

Website:

The newsletter can be viewed in colour on the web at :
http://branches.npansw.org.au/southern_sydney

- Regeneration of 19,944 m2 of bushland across 13 sites;
- 8,091 hours of volunteer labour

The bulk of the labour used to carry out works across the catchment is provided by workers on intensive correction orders provided by Corrective Services NSW. However volunteer teams are needed to reach boat-only access areas.

The Georges Riverkeeper Program has proposed work sites which are often seen from the marina at GRNP, but rarely accessed. Mickey's Point is an intertidal flatland which has been ravaged by pampas grass and non-indigenous acacia. Alford's Point is a mangrove surrounded by encroaching lantana and cotton weed, but is bordered by a beautiful saltmarsh community. Beauty Point, downriver from GRNP is a flat saltmarsh overtaken by juncus weed. All sites have strong ecological and habitat value and have been neglected by regeneration efforts over the years.

During working bees, a Riverkeeper boat will be on hand to ferry volunteers to the worksites and remove bags of rubbish and vegetative waste as necessary. Volunteers will have an opportunity to see some extremely healthy corridors of mid-Georges River saltmarsh, and help free it from pollution and invasive weeds.

The GRCCC has a history of partnership with NPWS as the Georges Riverkeeper Centre is located within GRNP.

The Riverkeeper program is an initiative of the GRCCC, a regional group of nine local councils; Bankstown, Campbelltown, Fairfield, Hurstville, Kogarah, Liverpool, Rockdale, Sutherland and Wollondilly Shire. The GRCCC's councils work in partnership with state and federal government agencies and community representatives to protect, enhance and conserve the Georges River.

To register your interest for a GRNP working bee, contact Tony Wales at riverkeeper@georgesriver.org.au. For more information about the Riverkeeper Program, view <http://www.georgesriver.org.au>.

Welcome to New Members NPA Southern Sydney Branch welcomes our new members:

Ms Jennifer Turner
Mr Tomas Kelly
Ray & Sue Brooks
Mrs Gai Rowling
Ms Xiaoli Yu
Mr George Penning
Ms Hama Hamdan
Mr Steven Suttor
Robin & Carol Legge

Frustrations in Independently Assessing the Values of Threatened Menai West Bushland

Your Branch has been involved in discussions with the Gandangara Aboriginal Land Council to consider ways of using their lands at Menai West other than for urban and commercial development. We believe that these lands are locally significant and we have spent many years detailing their importance.

The plans to conserve 50% of the land is being presented by the Gandangara Aboriginal Land Council as a positive that will benefit the threatened plants and animals of the region, yet plans to date indicate a network of major and access roads that will fragment the remaining bushland and severely compromise the viability of the gully wildlife corridors the Plan purports to include. We also believe that the plans do not protect significant plateau lands that are rich in biodiversity.

Despite several meetings with Gandangara's consultants over the last few weeks, Gandangara has not yet granted access to our own independent botanical consultants without the presence of Gandangara's consultants. This is unfortunate and we hope it can be resolved quickly. To date Gandangara's consultants have exchanged relevant resource information about the area's botanical and faunal values including some threatened plant and animal locations but we require independent access to examine some areas ourselves.

Heathcote Ridge's website claims that Gandangara aim to bring a high level of transparency to the planning for Heathcote Ridge through meaningful consultation with a wide range of stakeholders. It quotes the existence of an Independent expert group as evidence of the independent transparency it has adopted, and that group has addressed the data collected by botanical and faunal consultants. As explained to the Stakeholder Relations Manager and Gandangara's consultants, NPA also wishes to address the data and exercise an independent approach to data gathering.

At the time of going to Press, NPA has not yet been able to exercise its own level of independent assessment of the land's floral values. We will continue to advocate for the continued conservation of these floral and faunal rich lands on their merits, and hope that we will be able to do so in a fully transparent manner.

Brian Everingham
President, NPA Southern Sydney Branch

Environmental Values of the Southern Sydney Metropolitan Catchment Management Areas

By Tomas Kelly *

Along with maintaining Sydney's vital freshwater supplies, the Southern Sydney Metropolitan Catchment Management Areas (CMAs) contain some of the region's most pristine parcels of native bushland which are home to some 80 threatened fauna and flora species (DEH, 2005). The Woronora, Cataract and Cordeaux CMAs form a near-continuous network of vegetated lands extending from Southern Sydney in the north, to Wollondilly in the south. The environmental values of these lands present important conservation considerations, particularly in the context of increasing human demands on the natural resources of Southern Sydney.

Coastal Upland swamp, heath and sedge-land environments are key habitats for many threatened species found in the Woronora, Cataract and Cordeaux CMAs and are some of only few remaining sites in the greater Sydney region. No less than 12 Threatened vertebrates are recorded for these habitats for the Greater Southern Sydney Area including the Giant Burrowing Frog. These and the locally scarce Beautiful Firetail may depend on places like the Woronora Special Area as an intermediate stopover point for migration between known habitats in Royal National



Beautiful Firetail *Stagonopleura bella*, a locally scarce species. Photo: John Prats

Park and Dharawal State Conservation Area and Nature Reserve (DECC, 2007). These environments play a vital role not only as primary habitat sources for these species, but also as filtration and recharge zones for the greater catchment (DECCW, 2011; Young, 1982). The functioning of these environments ensures the preservation of ecosystem health, as well as the purification of Sydney's freshwater supplies. Southern Sydney's CMAs are therefore areas of high conservation value due to their role in maintaining the well-being of both human and natural resources.

The natural corridors and dispersal routes formed by the Woronora, Cataract and Cordeaux CMAs add further to the conservation values of these areas. Expansive nature corridors have been shown to provide an array of ecological benefits including increasing genetic diversity and natural



NPA executive are joined by its new project officer, Tomas Kelly (5th seated from left) and Jenni Gormley (hidden) and Dave Burgess of Sutherland Environment Centre and Menai Resident David Duffy to plan a campaign to conserve Menai West natural lands threatened by Urban and commercial development. Photo: Leslie Urquhart.

resilience to ecosystem and external pressures (Parker et al, 2008). The three CMAs mentioned above form an ideal north-south dispersal route which may become increasingly important due the potential impacts of climate change and continued urban sprawl. Maintenance of the corridors formed by the Southern Sydney CMAs could be implemented to provide linkages between fragmented native land parcels and existing protected lands such as the Garrawarra, Dharawal and Illawarra Escarpment State Conservation Areas. NPA believes that the natural qualities if these so called "Special Areas" will be compromised if development, (and even exploration in several cases) of coal seam gas deposits is allowed to occur here. It is not hard to imagine Nature Reserve quality lands being replaced by a 20 x 12 km gas wasteland with severely compromised ground and surface water if the NSW government fails to hear the united call of Southern Sydney's and Northern Illawarra's residents to exclude Coal Seam Gas mining from these water catchment areas...and from all National Park estate lands and linking green corridors. Such exclusions would mark a significant step towards the sustainable protection of Southern Sydney's natural resources.



Edge of upland swamp where Petroleum Exploration License A110 is in SCA Special Area adjacent to Dharawal Nature Reserve

Continued awareness concerning the conservational importance of Southern Sydney's CMAs can help ensure that these areas maintain their value as vital systems for both human and natural functioning.

References:

- DECCW (2011). *NSW Wildlife Data Atlas*. Spatial Data Unit, NSW Office of Environment and Heritage.
- DEH (2005). *Assets of National Environmental Significance*. Sydney Metropolitan Catchment Management Authority. <http://www.sydney.cma.nsw.gov.au/the-catchment/assets-of-national-environmental-significance.html>.
- DECC (2007) Threatened and Pest Animals of Greater Southern Sydney
- Parker, K., Head, L., Chisholm, L and Feneley, N (2008). A conceptual model of ecological connectivity in the Shellharbour Local Government Area, New South Wales, Australia. *Landscape and Urban Planning*, 86(1): 47-59.
- Young, A (1982). *Upland swamps (dells) on the Woronora Plateau, NSW*. PhD Thesis, School of Geography, University of Wollongong.

*Tomas is a final year student of environmental studies at Wollongong University. He is also Southern Sydney Branch of National Park Association's newly elected "Project Officer" who has joined the Association as the bushland of Southern Sydney faces one of its largest threats. ♣

Regional Advisory Committee Field Trip July 2011 Shanes Park

In 1995 the National Parks Association of NSW published a report entitled "Proposed National Parks Additions in the Sydney Region". It was prepared by Helen Latham with considerable input from NPA members across Sydney. In it, on pages 89-90, the Shanes Park Nature Reserve proposal is outlined. In July 2011, as part of the work of the Regional Advisory Committee, I visited this site (among others) and I am sure you will be interested in the report of that visit.

The report noted that the site was both Wianamatta Shale and Tertiary Alluvium and noted that the flora was species rich with four dominant communities (Eucalyptus moluccana Forest, Eucalyptus tereticornis Woodland, Eucalyptus fibrosa Woodland and Eucalyptus sclerophylla Woodland. It noted that in a survey by Coveny in 1993 over 230 plant species were recorded and noted that *Persoonia nutans* was nationally endangered.

This was not the first time the NPA had taken an interest in the site. It was part of the Marsden Park Nature Reserve proposal in 1987 and in 1991 it was recommended for protection by Benson and McDougall. In addition, in that same volume, NPA proposed the protection of what we called the South Creek Nature Reserve (the ADI site and now the Wianamatta Regional Park).

NPA took no interest in the cultural heritage features of the site. They were prominent in the site inspection undertaken on 23rd July. They consisted of the transmitting facilities of Air Services Association, though there are considerable issues that arise with taking control of those facilities:

1. The cost of maintaining such facilities both after ASA leaves the site and before NPWS takes control
2. The cost of securing the asbestos roof line
3. The problem of finding enough use for the facility to maintain a regular community presence on site



Some of the wildlife at Shanes Park. Photo: Brian Everingham

4. Note that the buildings are on the Commonwealth Government heritage list under the EPBC Act

Issues that are obvious in addition to those listed above are:

1. The need to erect and maintain a perimeter fence

2. The need to control illegal dumping and trail bike activity
3. The need to control infestation of African Love Grass. There is a planned process in place to deal with this problem before it becomes more widespread and



A view of the diverse flora of Shanes Park. Photo: Brian Everingham

away from the road lines the problem is not too serious.

4. The status of this reserve: does NPA think it should be a Regional Park or a Nature Reserve?
5. The continuing cost of maintenance – some funding comes from the Telstra/Optus tower but Telstra may not continue with the arrangement.
6. The problem of the RTA easement that is holding up transfer from the Commonwealth Government. That easement is situated along the southern perimeter of the site.

Brian Everingham, NPA SSB Representative to Regional Advisory Committee

Frogs of the Royal and Heathcote National Parks

By Ken Griffiths
(All photos by Ken Griffiths)

Ken Griffiths, nature photographer and author of a number of books on nature including *Frogs & Reptiles of the Sydney Region*, tells us what we can expect to see this spring in the way of frogs.

With spring just around the corner, it won't be long before we start hearing the calls of frogs again. There are just over 200 species of frogs to be found in Australia with some 40 odd species living within the Sydney basin. About 20 species are found within the Royal & Heathcote National Parks. Although we usually don't see frogs, we often hear them at certain times of the

year. Spring rainfall usually



Striped Marsh Frog (*Limnodynastes peronii*, 70mm)

triggers off the breeding of many species. Most are active at night but there are still a few that can be heard during the day. The two species most often heard are the Striped Marsh Frog and the Eastern Froglet. The relentless "tok" "tok" of the Striped Marsh Frog is often heard coming from swamps and other permanent water bodies including our backyard ponds. The eggs of this



Red-crowned Toadlet (*Pseudophryne australis*, 30mm)

species are laid in a white frothy mass that floats on the surface. The high pitched cricket like sound produced by the Eastern Froglet is often heard coming from streams, roadside ditches and even pools of water on walking trails. This tiny frog is an opportunist and breeds throughout most months of the year when there is suitable rainfall. Their eggs are encapsulated in a clear

pea sized bubble and can be seen attached to submerged sticks and grass. They are extremely variable in colour and pattern with no two looking similar. Both of these species belong to a group of frogs commonly known as the ground frogs.

The tree frogs are a little more secretive and not heard very often during the daylight hours. They



Peron's Tree Frog (*Litoria peronii*, 50mm)

Giant Burrowing Frog, although still reasonably common are listed as vulnerable.

The recent Cane Toad scare is cause for concern and it is important that native frogs are not harmed in a case of mistaken identity. Juvenile Cane Toads resemble some small native



Cane Toad (*Bufo marinus*, 150mm)



Common Eastern Froglets (*Crinia signifera*, 25mm)

generally don't venture into our backyards, however one such species, the Peron's or Emerald Spotted Tree frog is an exception. This frog is around 50mm in length, brownish in colour with small bright green spots. Its call is a loud descending chuckle and can be heard from about September to February. The Green Tree Frog, once common, is a rarity in the Sydney area these days although it is doing well in most regions where it is found. Loss of habitat and food source are most likely reasons in the Sydney area. Two ground frogs, the Red-crowned Toadlet and

species so if any frogs are found that cause concern they should be housed in a well ventilated container with a damp tissue and kept in a cool dark place until proper identification can be made.



Barren Grounds Nature Reserve By Brian Everingham

Barren Grounds Nature Reserve is between Robertson and Kiama, on the Jamberoo Pass Road. It is 16km south-east of Robertson and 8km east of the Carrington Falls turn-off. It was first gazetted in 1956 and constitutes 2024 hectares. It is part of a series of parks in this part of the world, including

Budderoo National Park, Macquarie Pass National Park and the basaltic remnant of Robertson Nature Reserve.

The park is a complex series of ecosystems, including eastern slope rainforest, but the vast majority of the park is upland swamp covered by wonderful

heath land. It may have been "barren" to explorers seeking fertile farming land but it is anything but barren to the vast array of plants and animals found within its boundaries.

In August 2011, the Southern Sydney Branch of NPA visited the reserve and completed the 19km loop walk known as the Griffiths Trail, and we were thrilled to find five Ground Parrots, two Eastern Bristlebirds, a host of other species, several wombat holes, considerable wombat dung and the occasional hole created by the inquiring poke of a Long Nosed Potoroo before being amazed to find a rather docile snake! A Highlands Copperhead, no less! Apparently they are highly venomous. In addition to the Copperhead, we also found a White-lipped Snake.



Highland Copperhead snake. Photo: Brian Everingham



Barren Grounds walking group lead by Brian Everingham.



Coastal view from the escarpment. Photo: B Everingham

The views from the escarpment are worth the walk, even if you fail to see the rare animals found within the boundaries of this Reserve. Do enjoy! ♣

Australian Plant Society - Sutherland Group Activities

The Sutherland Group meets at 8 pm every third Wednesday of the month from February to November at the Gynea Community Centre, 39 Gynea Bay Road, Gynea. All visitors are welcome. Contact [Ruchir Sodhani](mailto:Ruchir.Sodhani@nps.org.au) 02 9522 2935 for more information or access the website at <http://www.austplants-nsw.org.au/> go to "District groups" and click the Sutherland webpage.

As well as their guest speaker, the Sutherland Group have plants for sale from Ausplants Nursery, books to borrow, plant identification, bring and buy table, plant raffle, CDs for sale, a free supper – and friendly people to chat with.

NPA Southern Sydney Branch Activities

Note: all slideshows are free and are held at 8pm at the Sutherland Multi Purpose Centre 123 Flora St Sutherland (near Belmont St). The NPA offers members over 1000 activities a year, the activities below are just a sample, the full activities program is in the NPA Journal.

25 Sept Sun, Paddle - Watsons Bay

Grade 2, distance: 12km
Rob and Jayne Gibson 95015995;
0413 822 905 (m)
robandjayne@optusnet.com.au.
Please email expressions of interest, if possible. Early start, 8am at beach near Robertson Park, Military Road, Watsons Bay. BYO morning & afternoon tea, lunch, drinks, hat & sun cream. PFD essential.

28 Sept Wed, Slideshow/talk "Corridors and Connectivity: a broad vision for conservation"

'Connectivity conservation' has become a buzzword in the last few years. Kirstin Proft, Biodiversity Conservation Officer at the NPA, will discuss what connectivity conservation is and how it is changing the way that we think about protecting nature, illustrated with examples of current conservation projects that NPA is undertaking. Peter Vaughan: 95287341(h)
ssydney@npansw.org.au

22 Oct Sat, Royal National Park

Grade: 4, Distance: 25km
Asc/desc: 200m.
A long day walk from Otford to Bundeena, along the Coastal path. Brian Everingham 95209341,
brian.everingham@gmail.com.
Phone leader for transport details prior to the walk but do not phone after 9pm.

23 Oct Sun, Paddle - Smiths Creek

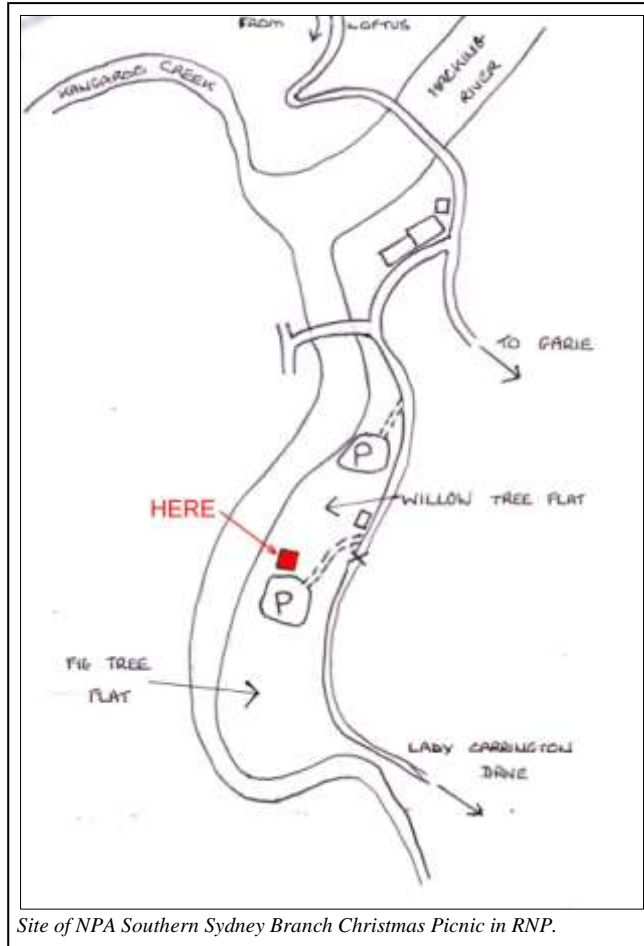
Distance: 15km
Paddle – Cockle, Cowan and Smiths Creek.
Rob and Jayne Gibson 95015995;
0413 822 905(m),
robandjayne@optusnet.com.au
Please email expressions of interest, if possible. BYO morning and afternoon tea, lunch, drinks, hat & sun cream. PFD essential.

23 Oct Sun Blue Mountains NP

Grade: 3, Distance: 13km
Asc/desc: 200m. Pulpit Rock Lookout, Govetts Leap, Cliff Top track to Evans Lookout and return.

Adrian Jones 95208435;
adrianandjulie@optusnet.com.au
Transport will be arranged from Blackheath Station to and from walk.

Adrian Jones 95208435;
adrianandjulie@optusnet.com.au
No contact until 13th October.



Site of NPA Southern Sydney Branch Christmas Picnic in RNP.

26 Oct Wed Slideshow/talk "A walk from Sydney Harbour to the Victorian Border"

Maureen & Dave Carter have walked or cycled along the entire NSW coast from Circular Quay to the Victorian Border. Hear about their amazing journey and the National Parks, people and places along the way. Peter Vaughan: 95287341(h)
ssydney@npansw.org.au

29 Oct Sat Blue Mountains NP

Grade: 3, Distance: 15km,
Asc/desc: 290m
Blaxland, Pippa Pass, crossing of Glenbrook Creek, Lost World and Bunyan Lookouts, Kings Link Track, Perch Ponds, Clarinda Falls, side trip to Numantia Falls and finish at Faulconbridge.

29 – 30 Oct Sat-Sun Blue Mountains NP

Grade: 2; Distance: 20km;
Asc/desc: 200m
This is an introductory full pack walk. The carry will be a few hours but the campsite will be pleasant and we can talk about equipment. Brian Everingham 95209341;
brian.everingham@gmail.com
Some rock hopping. Contact leader prior to the walk.

30 Oct Sun Mt Hay, Blue Mountains NP

Grade: 2; Distance: 1, 7, 5km;
Asc/desc: 150m
Loose rocks, steep edges and slippery conditions. Three easy walks in the Mt Hay area

including Mt Flat Top, Lockley Pylon and Mt Hay and walls. Adrian Jones 95208435;
adrianandjulie@optusnet.com.au
No contact until 13th October. Transport will be arranged to start and return from walks.

8-17 Nov Cycling Bairnsdale to Melbourne

Grade: 3, Distance: 70km/day approx. We will spend about ten days cycling mostly on quiet roads & along rail trails visiting national parks and interesting sights on this last section of Maureen's Meander to Melbourne. Maureen Carter 97734637;
moz.carter@tpg.com.au
Joint cycle trip with SBW & Bush Club.

23 Nov Wed Slideshow/talk "The Sea Shepherd Conservation Society"

Guest Speaker Fiona McCuaig has been on two Sea Shepherd campaigns to Antarctica to stop the illegal killing of whales in the Southern Ocean Whale Sanctuary. The conflict is aggressive and last year one of Sea Shepherd's ships was rammed and sunk. Fiona will talk about her time in Antarctica and the importance of saving our precious marine life. Peter Vaughan: 95287341(h)
ssydney@npansw.org.au

17 Dec Sat, Branch Christmas Picnic, Royal National Park

With birdwatching and spotlighting. Members and friends are welcome. Meet at Willow Tree Flat Picnic Shelter (see map), Royal National Park (see map). BYO picnic, binoculars and torch. Birdwatching: 5pm. Picnic: 6pm (at Willow Tree Flat). Spotlighting: 7.45pm. There are no BBQ facilities here. The picnic shelter has three large picnic benches so a few additional chairs and tables will be useful.

No need to advise leader. Gary Schoer, ph 95701813

SLIDESHOWS WANTED for 2012

NPA Southern Sydney Branch has free slideshows each month at Sutherland. The meetings are very relaxed and informal. We need guest speakers for 2012. If you would like to present a slideshow or PowerPoint presentation please contact Peter Vaughan 95287341(h)