

GREENPAGE

NEWSLETTER OF THE MUNDARING AND
KALAMUNDA FRIENDS GROUPS AND
EASTERN HILLS CATCHMENT GROUPS

February 2012

THIS MONTH...

- The Final Green Corps
- Nutrient Filter Site Visits
- Volunteer Celebration
- Site Preparation Using a Post-Hole Digger
- Grant Information



For more information contact:

Shire of Mundaring
Bushcare Co-ordinator
on (08) 9290 6685.

Shire of Kalamunda
Environmental Reserves
Officer on (08) 9257 9806.

Eastern Hills Catchment
Management Program—
EMRC office (08) 9424 2216.

New Phascogale Boxes for Mundaring Bushland

Brad Thompson



Students from Governor Stirling High School worked with members of Friends of Black Cockatoo Reserve and Midland Men's Shed to put up nest boxes

Local volunteers, school students and the DEC have been working together to increase the available habitat of the endangered brush-tailed phascogale (*Phascogale tapoatafa*) in a local bushland reserve.

Students of Governor Stirling High School had the opportunity to work with the local volunteers at the Midland Men's Shed and constructed nest boxes, then helped erect them for use in Black Cockatoo Reserve in the Shire of Mundaring.

The brush-tailed phascogale is a small nocturnal marsupial which grows to about 40 cm long. It is insectivorous and lives in bushland throughout Australia, though its numbers have greatly been reduced by introduced predators and human clearing. The nest boxes will allow phascogales to have a safe 'hollow' to raise its young away from predators.



Governor Stirling High School students preparing habitat boxes



Brush-tailed phascogale (*Phascogale tapoatafa*). Photo by Ken Stepnell

This program was co-

ordinated by the Rio Tinto Earth Assist Program, which helps to educate students about the importance of the natural environment and encourages them to engage in conservation activities.



The Final Green Jobs Corps

By Rebbekah Lamont

The local Green Jobs Corp for 2011/12 was launched on 13 December 2011 at Reg Bond Reserve, Viveash. The launch was hosted by conducted Caroline Marshall from Bridging the Gap (BTG) on behalf of Nicola Squires. Stuart Davies (BTG and Green Jobs Corps coordinator) welcomed the new participants and was enthusiastic about work they could accomplish. Stuart also announced this would, unfortunately, be the last intake of participants as funding for the Green Jobs Corps program has now been cut.



Staff from Bridging the Gap left to right Caroline Marshall, Stuart Davies and Nicola Squires at the opening of the launch.



Participants of Green Jobs Corps and Karen Warner from EMRC.

Brad Thompson from the Shire of Mundaring reminisced on missing out on participating in Green Jobs Corps when he was studying because the course was so popular and urged the current intake to take advantage of the resources they had available to them.

Karen Warner from Eastern Metropolitan Regional Council (EMRC) noted the success of the partnership EMRC has had with Green Jobs Corps team over the past 12 months. Karen spoke of benefits the community gain from the work the Green Jobs Corps team do, highlighting the fact that most of our community volunteers are in their 60's and 70's.

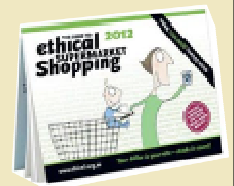
The Green Jobs Corp team will work closely with Michael Cook (City of Swan) Renee` D'Herville and Michelle Yeomans (EMRC). This intake consists of up to 10 participants from a variety of backgrounds, looking to get a range of attributes and skills out of the course.

Green Jobs Corp is a 26-week program which provides training to people aged 17 – 24. Through the course participants gain work experience, skill development and accredited training making them ready for employment in the environmental industry. The Green Jobs Corp is a national program with federal funding, which began in January 2010.

If you have an interest in utilising the Green Jobs Corp on your project, please contact Renee D'Herville on (08) 9424 2245 or Michelle Yeomans on (08) 9242 2264.

Off the Shelf

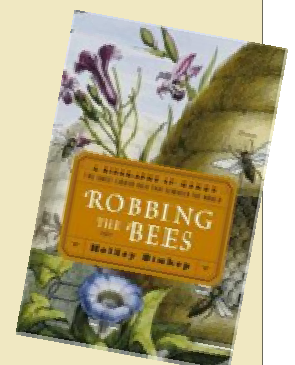
The Guide to Ethical Supermarket Shopping 2012 is a handy pocket-sized guide designed to help you match your shopping habits with your values. It's the ideal size for keeping in your bag for quick reference, so you can make an informed decision about where your money goes. This completely updated edition includes special features on cosmetics, toys, meat, and beer, while tracking the ever-increasing consolidation of company ownership. Also available as the Shop Ethical! iPhone app. To find out more about the Ethical Consumer Group please visit www.ethical.org.au



Darlington and Surrounds Local Flora and Bushlands is a free publication to provide local residents with an opportunity to learn about and appreciate the local Australian bush and its flora. Some 404 species local to the Darlington area are photographed and notes on the history of the south-west Botanical Province, invasive plants and native flora are included. Pick up free from the Shire of Mundaring, or the Greenmount or Mundaring libraries. Visit www.mundaring.wa.gov.au/Lists/Mundaring%20News/DispForm.aspx?ID=243



Bees have been making food on Earth for hundreds of millennia, but we humans started recording our fascination with it only in the past few thousand years—painting bees and hives on cave and temple walls and papyrus scrolls, revering them in poetry and art, even worshipping these amazing little insects as gods. From the temples of the Nile to the hives behind the author's own house, people have had a long, rapturous love affair with the beehive and the seductive, addictive honey it produces. Combining passionate research, rich detail, and fascinating anecdote, Holley Bishop's *Robbing the Bees* is an in-depth, sumptuous look at the oldest, most delectable food in the world.





CATCHMENT GROUP MEETINGS

Blackadder-Woodbridge Catchment Group Incorporated

7.00 pm Wednesday, 15 February

Midland Church of Ascension Hall (Side Room), 17 Spring
Park Road, Midland

Contact Karen Warner on (08) 9424 2242 or email:
karen.warner@emrc.org.au

Friends of Piesse Brook

7.00 pm Thursday, 9 February

215 Hummerston Road Piesse Brook

Contact Michelle Yeomans on (08) 9424 2264 or email:
michelle.yeomans@emrc.org.au

AGM 3.00 pm, Saturday, 18 February

Kanyana Wildlife, end of Gilchrist Road, Lesmurdie

The AGM will be by afternoon tea, then an optional
guided walk of the facility for a charge of \$10.00 per
person to support the voluntary work of Kanyana.

Contacts Bridget (08) 9293 3294 or Gerry (08) 9293 2517

Helena River Catchment Group Incorporated

7.00 pm Monday, 20 February

Octagonal Hall, 52 McGlew Road, Glen Forrest.

Contact Michelle Yeomans on (08) 9424 2264 or email:
michelle.yeomans@emrc.org.au

Jane Brook Catchment Group Incorporated

7.15 pm Thursday, 23 February

Parkerville Fire Station, Riley Road, Parkerville

Contact Renee D'Herville on (08) 9424 2245 or email:
renee.dherville@emrc.org.au



Susannah Brook Catchment Group Incorporated

7.15 pm Thursday, 9 February

Gidgegannup Landcare Centre, Gidgegannup
Showgrounds, Toodyay Rd

Contact Renee D'Herville on (08) 9424 2245 or email:
renee.dherville@emrc.org.au

Lower Helena Association Committee Meeting

6.00 pm Tuesday, 21 February

Midland Town Hall, 39 Old Great Northern Highway,
Midland

Contact Michelle Yeomans on (08) 9424 2264 or email:
michelle.yeomans@emrc.org.au

<p><i>The Darling Range Naturalists' Club</i></p> <p>When: 7.30 pm Friday, 10 February</p> <p>Venue: CWA Hall, 22 Central Road, Kalamunda</p> <p>Speaker: Hirono and Mike Griffiths</p> <p>Topic: "The Nature of Japan"</p> <p>Visitors welcome</p> <p>For further details, please phone: (08) 9293 1676 or (08) 9294 1044</p>	<p><i>Wildflower Society of WA Eastern Hills Branch Meeting</i></p> <p>When: 7.30 pm Friday, 24 February</p> <p>Venue: Octagonal Hall, McGlew Road, Glen Forrest</p> <p>Visitors welcome</p> <p>For further details, please phone: (08) 9298 8645 or (08) 9294 1044</p>	<p><i>Wildflower Society of WA Darling Range Branch</i></p> <p>When: 7.30 pm Tuesday, 28 February</p> <p>Venue: CWA Hall, 22 Central Road, Kalamunda</p> <p>Speaker: Noel Hoffman</p> <p>Topic: "Orchids of the south- west"</p> <p>Visitors welcome</p> <p>For further details, please phone: Debbie on 0416 871 902</p>
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Nutrient Filter Site Visits

By Renee D'Herville

On a warm November day last year, EMRC's Natural Resource Management team attended a tour of three nutrient filtration sites, located within the Ellen Brook Catchment, between the Chittering Landcare Centre and Bullsbrook township.

The nutrient filters have been developed by the Swan River Trust's (SRT) Drainage Nutrient Intervention Program (DNIP) team, in partnership with the Ellen Brockman Integrated Catchment Group (EBICG), and the individual site land managers, Shire of Chittering, City of Swan and the Department of Defence (DoD). The DNIP aims to reduce nutrients and other pollutants in stormwater being discharged into the Swan and Canning rivers. The program involves monitoring and evaluating drainage restoration works, along with trials in new nutrient intervention technologies. The Ellen Brook Catchment was selected for drainage improvement due to its high contribution of nutrients to the Swan River.

The tours were kindly guided by Alex Hams, Senior Environmental Officer for the Swan River Trust SRT. The first site visited was the Bingham Road Creek Wetland, which is on land owned by DoD, between Railway Parade and the Ellen Brook. This wetland incorporates an existing pond, with a piped outlet structure and a concrete overflow spillway. Revegetation works in and around the wetland help to improve water quality and habitat value. The reinstatement of vegetation also provides a link between the Bush Forever sites which are located upstream and downstream of the site.

Our tour continued onto a nutrient intervention structure located in a railway reserve along Railway Parade, within the City of Swan. This horse-shoe shaped wetland is situated on a minor tributary of the Ellen Brook and consists of cracked laterite gravel, with a zeolite filled gabion cage at the downstream end of the filter. This rock filter, together with revegetation, helps to remove sediment and particulate nutrients by slowing and redirecting flows. Dissolved

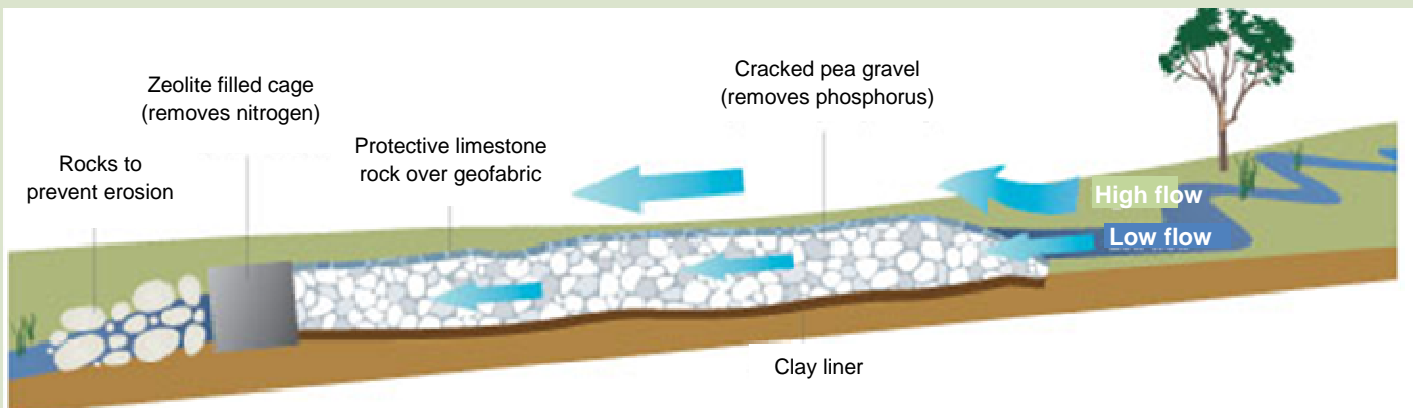


Diagram of Brand Highway nutrient filter (provided by Swan River Trust)

nutrients, including phosphate and ammonium nitrogen are also removed.

Our tour concluded at the Brand Highway nutrient filter. This structure comprises cracked pea or laterite gravel in the channel and zeolite filled gabion cages at the downstream end. Similarly to the railway reserve filters, this structure is designed to remove phosphate and ammonium nitrogen from low flows. Assisting this structure are four rock groynes installed upstream to trap leaf litter and woody debris. In addition, there are two diversion weirs upstream of the groynes to further avoid clogging by removing the sediments before reaching the filter.

According to the SRT, the Ellen Brook sub-catchment contributes up to 37% of the total annual phosphorus load and 10% of the nitrogen load entering the Swan River. Therefore, implementation of projects like the SRT's DNIP is vital in ensuring the health and improved water quality of the Ellen Brockman and Swan catchments.

Some domestic tips on how to reduce nutrient loads entering our waterways

- Limit fertiliser application, and if needed, apply a river-friendly variety in spring or early autumn.
- Use phosphorus-free/earth friendly detergents when washing clothes or dishes.

Continued on page 5

Phosphorus is one of the main nutrients that feed algal blooms.

- Take your rubbish home when you are out enjoying the rivers.
- Pick up your dog's waste and put it in a bin or worm farm. It's full of nutrients that can feed algal blooms.
- Check with your local council where to dispose of paint, oil and chemicals. They can end up in the rivers if tipped down the drain.

Volunteer Celebration

By Karen Warner

On Sunday, 4 December Eastern Hills Catchment Management Program (EHCMP) team (Karen Warner, Michelle Yeomans, Renee D'Herville, Kaye Amann, Shenaye Hummerston, Tamara Wilkes-Jones, Brad Thompson, Ryan Hepworth, Toni Burbidge and Kate Bushby) hosted its annual celebration event to honour the industrious volunteers in Perth's Eastern Region who strive to protect, regenerate, rehabilitate and maintain bushland in the areas they live. The weather was warm and humid with a thunderstorm threatening, however the food was delicious and the company was fantastic.

The celebration was officially opened by Cr. Dr. Alan Pilgram, Chairman of the Eastern Metropolitan Regional Council (EMRC). Cr. Pilgram gave an enthusiastic speech emphasising the positive benefits volunteering has for the community and made comment that EMRC member councils recognise the significant contribution Catchment and Friends of Groups have in maintaining and increasing the biodiversity of our bushland.

Cr. Pilgram presented each of our Catchment Groups with a gift as a token of appreciation for the work undertaken in the catchments, a voucher was presented to Mrs. Una Bell for the wonderful work she does in her role as unofficial chair of the EHCMP and flowers were presented to Mrs. Jenny Mackintosh who spoke about the history of Jane Brook Catchment Group.



Photo courtesy of WABPC: Oska, a barking owl (*Ninox connivens*) made his presence well known at the function



Volunteers listened to presenters at the volunteer celebration

Member council updates were made by Shenaye Hummerston from the Shire of Kalamunda and Brad Thompson from the Shire of Mundaring, where they praised all of the volunteers' achievements throughout the year, and looked forward to working with them next year. Cr Daryl Trease spoke on behalf of the City of Swan where he recognised the contribution the Catchment and Friends of Groups make to the betterment of the environment.

We were privileged to have Yvonne Sitko from The Western Australian Birds of Prey Centre who brought along for us Micro, a wedge tail eagle (*Aquila audax*) and Oska, a very noisy barking owl (*Ninox connivens*). Yvonne spoke on the use of chemicals and the impact they have on bird life. Micro for example came to the Centre as a fledgling and was blind in both eyes. Anecdotal evidence suggest the blindness is a result of chemical use in the surrounding area. Micro now has some vision in one eye, however it is not enough for him to be able to survive in the wild and he is now classed as an educational bird.

With official proceedings complete, the guests then enjoyed the wood fired pizza's and finger food washed down with a fine drop of wine, beer or a cuppa. The friendly atmosphere was great and most importantly members of catchment and friends of groups came together and shared stories or caught up with old friends.

The EHCMP team were delighted to give each of the Friends of Groups there, two books *Darlington and Surrounds Local Flora and Bushlands* and *A Field Guide to Freshwater Fishes, Crayfishes & Mussels of South-Western Australia*, as a small token of appreciation for their contribution to the strengthening of our environment.

The EHCMP team look forward to working with all the groups in 2012 and take this opportunity to thank you for all of the valuable work you do.

For more information on the Western Australian Birds of Prey Centre go to <http://wabirdsofprey.com/>



BUSH SKILLS FOR THE HILLS WORKSHOPS



Applying for Grants

Where: Gooseberry Hill Hall, Ledger Rd, Gooseberry Hill
Date: Sunday, 11 March 2012
Time: 10.00 am - 1.00 pm

What opportunities are out there? Is your group or activities eligible? What elements help to make a successful grant application? What is required for grant administration? A light lunch will be provided.

Bushcare Basics - Safety



Photo by Unknown: Cowslip Orchid (*Caladenia flava*)

Where: Gooseberry Hill Hall, Ledger Rd, Gooseberry Hill
Date: Saturday, 28 April 2012
Time: 9.00 am - 12.00 pm

Are you new to bush care? This workshop covers all aspects of safety for volunteers working in bush land areas. Friends Group coordinators are required to attend this workshop in their first year and at least once every 3 years after that. All group members are encouraged to attend. Morning tea will be provided.

**SAFETY
FIRST**

Other Workshops for 2012

Bushcare Basics - The Good the Bad and the Ugly	Gooseberry Hill Hall, Ledger Road, Gooseberry Hill	Sunday, 20 May 2012 please note the date has changed.	9.00 am - 12.00 pm
Native Fauna After Dark	Mahogany Creek Hall, 3060 Strettle Road, Mahogany Creek.	Saturday 9 June 2012	10.00 am - 12.00 pm
Movie Night <i>Bag It</i>	Old Midland Courthouse, Helena Street, Midland	Wednesday, 20 June 2012	7.00 pm start and will finish around 9.00 pm
Movie Night <i>Food, Inc.</i>	Old Midland Courthouse, Helena Street, Midland	Wednesday, 18 July 2012	7.00 pm start and will finish around 9.00 pm
Buzz In & March Out	Darlington Hall, Owen Road, Darlington	Saturday, 21 July 2012	10.00 am-12.00 pm
Movie Night <i>End of the Line</i>	Old Midland Courthouse, Helena Street, Midland	Wednesday, 15 August 2012	7.00 pm and will finish around 9.00 pm
Chemical Free Weed Control	Polytechnics West, Eddie Barron Drive, Midland	Saturday, 8 September 2012	9.00 am to 12.30 pm
The Secret Life of Plants Workshop	The Shire of Mundaring Administration Civic Centre	Wednesday, 19 September 2012	7.00 pm - 9.00 pm
Native Grass Workshop	Mahogany Creek Hall	Saturday, 10 November 2012	9.30 am - 12.30 pm

To register or for more information on Bush Skills for the Hills,
 please call the Environmental Services Administration Officer at EMRC on (08) 9424 2216
 or email rebbekah.lamont@emrc.org.au

Site preparation using a post-hole digger

By Penny Hussey

For the past few years, the Helena River Catchment Group has prepared degraded bushland sites for community planting days by using a mechanised post-hole auger. We begin with two years of herbicide weed control (and fire if the site permits), then 'habitat island' planting into spaces formerly dominated by weeds.

Conventional wisdom suggests ripping then planting on the rip lines, but this inevitably destroys the surface feeder roots of existing trees and shrubs, giving them a severe knockback as well as making them prone to wind-throw. The auger is a less disruptive alternative.

Each hole is dug to approximately 50 cm depth to give the roots of newly planted seedlings a good start in reaching ground water. Although inevitably some existing roots will be impacted by this process, it is much more localised than rip lines. The machine is very manoeuvrable and can get into small spaces with little disruption. The rubberised caterpillar tracks do cause some damage to understorey but we have found that plants recover, and since the tracks are not continuous they do not channel water erosion. By having sites prepared like this, community volunteers are able to put a lot of plants in the ground very quickly and effectively. We have found the seedling survival rate to be very high at around 95 per cent, even after the drought of 2010. We recommend other groups working in similar situations in alluvial and loamy soils consider this method of site preparation. Wetland clay soils dry out quickly so planting must follow immediately after the hole digging. We have never used the auger technique in sand.

For more information email Penny at penny.hussey@dec.wa.gov.au.



Post-hole digger in action at Helena River in June 2011. Photo – Penny Hussey

Weed Watch - Castor Oil Plant – *Ricinus communis*

By Tamara Wilkes-Jones



A mature plant with seed heads

The Castor Oil plant has just finished flowering and is producing seeds as per the left image. The plant originates from Asia and Africa and has become a weed in all mainland states, particularly disturbed sites along roadsides, railway lines, vacant blocks, rubbish tips and wetlands. It is a tall shrub growing between three and five metres, has palmate leaves with five to nine lobes and burr-like seed heads which, along with the flowers, are poisonous. Control can be achieved by wearing gloves and hand pulling young seedlings or cutting the stems and painting immediately with a glyphosate based herbicide.



Seedling form

A Vintage Weekend in the Swan Valley

The perfect time to join us for the day or stay for the weekend to enjoy some fine wine, good company and experience first hand the crafting of Swan Valley wine from vineyard to bottle.

- Enjoy a behind the scenes look at the Swan Valley wine vintage 2012;
- Learn about fermentation, the use of oak and why good wines start in the vineyard; and
- Enjoy outstanding food perfectly matched with Swan Valley wines.

There will be various venues in the Swan Valley participating, Friday evening, 16 March 2012; Saturday 17 & Sunday, 18 March 2012; 10.00 am - 5.00 pm. For more information visit www.swanvalleywinemakers.com.au or phone 0430 622 130.



UPCOMING GRANTS AND OTHER IMPORTANT INFORMATION

Swan River Trust and Alcoa Landcare Program

Funding is available for community groups involved in on-ground revegetation and rehabilitation projects in the Swan–Canning catchment. Application packages for the 2013 funding round will be released late February and will be found on the Perth Region NRM website

www.perthregionnrm.com/community-engagement-programs/swan-river-trust-alcoa-landcare-program.aspx



Community Action Grants Announced and New Round Due Early 2012

Recently released in the Caring for Country 2012–13 Business Plan \$5m has been budgeted for Community Action Grants. Community Action Grants support local activities such as tree planting, re-vegetation, dune rehabilitation, field days, improving land management practices and the recording and use of traditional ecological knowledge. The applications for these are expected to open early in 2012.



For more information go to www.nrm.gov.au. Further updates will be posted on the approved grants page www.nrm.gov.au/funding/approved/index.html and advertised nationally once the round opens. If you wish to receive email updates about future funding or other Caring for our Country announcements, please send your contact details to communityactiongrants@nrm.gov.au.

Coles Junior Landcare Grants

Around Australia 101 schools will receive grants of up to \$1,000 from round three to assist with the development of various garden projects, not only educating children about fresh fruit and vegetables; but also the importance of looking after the environment.



Schools, kindergartens, day care centers and youth groups looking to start their own garden program can apply for a Coles Junior Landcare Garden Grant by registering with Junior Landcare. Visit www.juniorlandcare.com.au or www.coles.com.au 2012 Grants are now open.

- **Round 1:** Closes Friday, 17 February, 5.00 pm (EST)
- **Round 2:** Closes Friday, 4 May, 5.00 pm (EST)
- **Round 3:** Closes Friday, 27 July, 5.00 pm (EST)

Nominations are Now Open for the EPBC Act

Nominating a species, ecological community or key threatening process under the Environment Protection and Biodiversity Conservation Act are now invited for the assessment period starting 1 October 2012, for any species, ecological communities or key threatening processes to be considered for listing under national environment law.

The Minister has established a conservation theme for this assessment period:

- Corridors and connecting habitats (including freshwater habitats).

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Nominations consistent with this conservation theme are encouraged, but nominations outside the theme will also be considered.

Nominations for this assessment period close at 5.00 pm on Thursday, 22 March 2012.

For more information go to www.environment.gov.au/biodiversity/threatened/nominations.html

2011 State of the Environment Report

The fourth national assessment of the state of Australia's environment has been released by the Minister for Sustainability, Environment, Water, Population and Communities, Tony Burke. For the first time in national environmental reporting, *Australia State of the Environment 2011* goes beyond a descriptive summary of evidence to include graded 'report-card' style assessments of environment condition and trends, pressures and management effectiveness. A copy of the report can be found at www.environment.gov.au/soe/2011/index.html



Why are WA 's Rare and Endangered Cockatoos Starving ?

Date: Wednesday, 8 February 2012

Time: 6.15 pm - 8.00 pm 6.15 pm – registration for a 6.30 pm start.

Venue: Lotteries House West Perth, 2 Delhi St, 6005 Perth.

Environment Matters Seminar presented by the Conservation Council of WA. WA's endangered black cockatoos are locked in desperate bid for survival and they need our urgent help! Native forest logging, land clearing, fire and drought have devastated their natural food supplies and cockatoos now face starvation in many areas; including Perth suburbs where, if nothing is done, they will quickly run out of food.

Join us to learn what you can do to help save our cockatoos from extinction.



Photograph of a forest red tail black cockatoo pair (*Calyptorhynchus banksii*) by Wendy Slee.

Guest speakers at the event will include:

- Ron Johnstone, Ornithology Curator, WA Museum;
- John Bailey, Associate Professor and School Dean Environmental Science, Murdoch University;
- Chris Phillips, General Manager Cockatoo Rehabilitation Centre (Kaarakin); and
- Piers Verstegen, CCWA director will chair the seminar, which will be followed by a Q&A session.

Free Entry, donations welcome, please RSVP to conswa@ccwa.org.au or call (08) 9420 7266

To take action <http://ccwa.org.au/content/save-our-cockatoos>

[cockatoos](http://ccwa.org.au/content/save-our-cockatoos)

More information <http://ccwa.org.au/events/environment-matters-why-are-wa%E2%80%99s-rare-and-endangered-cockatoos-starving>



Photograph of a forest red tail black cockatoo (*Calyptorhynchus banksii*) in flight by Wendy Slee .

On the 23 January logging began in Warrup forest near Bridgetown. It is a critical cockatoo refuge as well as being home to other endangered fauna including numbats and woylies.

Both the Minister for Environment, Bill Marmion and Premier, Colin Barnett, were away and the logging agency brought forward its plans to log this very high conservation value forest before the Minister's meeting with environment groups next month to discuss the emergency situation that the cockatoos are in and the urgent need to protect Warrup and other areas that are still providing excellent food sources. Source CCWA

CONTACT DETAILS

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Renee D'Herville

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Mobile: 0408 924 989
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renee.dherville@emrc.org.au

What's coming up?

Bushcare activities with the Friends of Piesse Brook are on the third Sunday of each month at 9.45 am – 12 noon . Contact Gerry Brown (08) 9293 2517, Bridgett Hogarth bhogarth@ozemail.com.au, or visit www.friendsofpiessebrook.org.au

Sunday, 22 April **Earth Day** 'Mobilise the Earth'. Visit www.earthday.org/earth-day-2012

Thursday, 2 February **World Wetlands Day** 'Wetlands and Tourism'. Visit www.ramsar.org

Bushcare activities at Throssell Reserve, Eastern Hills in the Jane Brook Catchment are on the second Sunday of each month at 9.00 am – 10.30 am . Call Una Bell (08) 9572 1447.

Sunday, 4 March **Clean up Australia Day**. Visit www.cleanupaustralia.org.au/

WINNER

Congratulations to Bill of Darlington who is our winner for the competition held at the Gidgegannup Show in October and Graham of Helena Valley, who is our winner for the competition held at the Perth Solar City's Eco House open day in December. They each won a trailer load of mulch.

Autumn Festival, see page 7 for more details



If you would like to receive the Greenpage by email please contact the Administration Officer at EMRC at Rebekah.Lamont@emrc.org.au with "Subscribe to Greenpage" in the subject heading and your contact details.

If you do not have email and would like to receive the Greenpage by post, please contact the Administration Officer by telephone on (08) 9424 2216.



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