

18TH ANNUAL

BIG SCRUB RAINFOREST DAY

SUNDAY 16 OCTOBER 2016
ROCKY CREEK DAM • 7AM TO 3PM

PRESENTED BY



PRINCIPAL SPONSOR



MAJOR SPONSORS



CELEBRATING 30 YEARS OF RAINFOREST RESTORATION AT ROCKY CREEK DAM

KEYNOTE ADDRESS - BOB BROWN

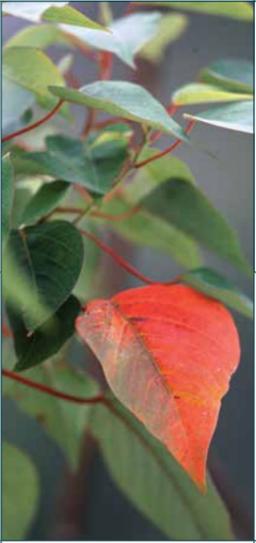
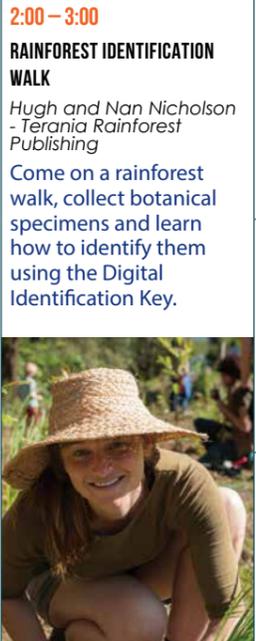
GUIDED BIRD, PLANT USE & RAINFOREST RESTORATION WALKS | PRACTICAL WORKSHOPS
TALKS FACILITATED BY SOME OF AUSTRALIA'S LEADING ECOLOGISTS, BUSH REGENERATORS,
NATURALISTS & SCIENTISTS | FABULOUS FOOD & ENTERTAINMENT | FUN ENVIRONMENTAL
ACTIVITIES FOR THE WHOLE FAMILY | INFORMATION DISPLAYS & STALLS

BYO PICNIC / FOOD & BEVERAGES AVAILABLE FOR PURCHASE / GOLD COIN DONATION AT ENTRY
Full program available at www.bigscrubrainforest.org.au

ORGANISED IN
ASSOCIATION WITH



KATHERINE CASTLE

TIME	RAINFOREST RESERVE		A BIT OF FUN			
7:00 - 8:00	7:00- 8:00 BIRD WALK Dave Charley - Wildsearch Environmental Services & Ian Colvin - Geolink BYO binoculars and join this early morning bird walk to identify birds around Rocky Creek Dam. FREE – BOOKINGS ESSENTIAL AT WWW.BIGSCRUBRAINFOREST.ORG.AU			8:00 TO 2:00 SPOON CARVING - With Carol Russell Learn the art of spoon carving using hand tools on Camphor Laurel and make a spoon or two to take home. \$90 MAX 10 PARTICIPANTS. BOOKINGS ESSENTIAL AT WWW.BIGSCRUBRAINFOREST.ORG.AU 9:00 TO 4:00 RAINFOREST ADVENTURE TOUR - Mountain Bike Tours Byron Bay Australia Ride through a range of scenic fire trails, tight single tracks and exhilarating downhill. This adventure takes place amid lush, subtropical rainforests, complemented by ancient volcanic terrain in the World Heritage listed Nightcap National Park. BOOKINGS ESSENTIAL AT WWW.MOUNTAINBIKETOURS.COM.AU 12:00 TO 2:00 WILD WEAVING FOR BEGINNERS - Alys Shiloh - Wildress Wild Weaving Learn basic weaving techniques and see some of the classic nasty weeds in a new light. Create a basic weaving project using vines provided. Ages 8+. Under 8 must have an adult supervisor. FREE MAX 20 PARTICIPANTS. BOOKINGS ESSENTIAL AT WWW.BIGSCRUBRAINFOREST.ORG.AU		
8:00 - 9:00	8:00 - 10:00 COMMUNITY TREE PLANTING Rous County Council & Big Scrub Landcare			FLOW™ HIVE MARQUEE	NORTH COAST LOCAL LAND SERVICES MARQUEE	ROUS COUNTY COUNCIL – WEED BIOSECURITY MARQUEE
9:00 - 10:00	Come and plant rainforest seedlings with us and celebrate 30 years of regeneration at the Rous County Council Rainforest Reserve at Rocky Creek Dam. Bring hat, gloves, sunscreen, enclosed footwear and water.		9:30 - 10:00 RICHMOND RIVER RESCUE Dr Caroline Sullivan, Rod Bruem and Phil Terry Find out about the proposed not-for-profit community group focussed on working together with all stakeholders to promote sustainable catchment management and to restore the ecological health of the Richmond River.	9:00-9:50 THE INCREDIBLE FUNGI OF THE BIG SCRUB Stephen Axford Learn about the diversity and role of fungi in the Big Scrub including recent finds and learnings from research in China. See Steve's recent portfolio of his collection of fungi time-lapses that were released in the BBC's new David Attenborough series "One Planet".		
10:00 - 11:00	10:00 - 10:50 BUNDJALUNG PLANT USE AT ROCKY CREEK DAM Tamlin McKenzie & Cindy Picton - Doroughby Environmental Education Centre Come and discover the many uses of various plants around Rocky Creek Dam using IPADs provided. All ages.	10:00 - 10:50 RAINFOREST RESTORATION WALK Jesse Vandenbosch - Big Scrub Regen & Iain Styche - EnvITE Come on a Rainforest Restoration walk and discuss successive years of ecological restoration. This is a long walk not suitable for children.	10:00 - 10:20 CROWDFUNDING FOR YOUR LANDCARE GROUP OR COMMUNITY PROJECT Mark White - Rainforest Information Centre and Planefunder Learn about the Small Grants Program available for Landcare projects.	10:00 - 10:50 GENETIC INTEGRITY IN BUSH REGENERATION Dr Linda Broadhurst - CSIRO Why we need to think about genetic diversity in restoration including the use of local provenance and how climate change is likely to change how we restore plant populations now and into the future.	10:00 - 10:50 TOOLS, TIPS & TECHNIQUES IN REGENERATION Dan Cox & Virginia Seymour - EnvITE Participate in an interactive workshop focusing on weed identification and treatment techniques.	
	ALL DAY FREE ACTIVITIES FACE PAINTING STORY TELLING FOR CHILDREN UNDER 8 IN THE STORY TENT CHILDREN'S PLAYGROUND THE CATCHMENT MODEL LIVE MUSIC UNDER THE TREES INFORMATION DISPLAYS AND STALLS STATIC WEEDS DISPLAY		10:20 - 10:40 CAMPHOR FOREST TO RAINFOREST Mark Dunphy - Firewheel Rainforest Nursery and Rosco Faithful - East Coast Bush Regeneration Hear about camphor conversion techniques and recently developed approaches.		BOB BROWN	
			10:40 - 11:00 THE SUSTAINABLE BUSINESS APPROACH Tony Kenway - Building Forest Design Learn about large scale reforestation using Big Scrub Timber species.			
		11:00 - 11:15 OFFICIAL OPENING Welcome to Country, message from Rous County Council & Big Scrub Landcare.				
11:00 - 12:00			11:15 - 12:00 KEYNOTE PRESENTATION - BOB BROWN Keynote address from Bob Brown: environmentalist, chair of the Bob Brown Foundation and founder of Bush Heritage Australia.			
12:00 - 1:00	12:00 - 1:00 DISCOVERY: THE BIG SCRUB Barb Jensen - Environmental Educator What makes a rainforest? Come on a walk with your family and find out!		12:00 - 12:50 THE FLOW™ HIVE STORY Stuart Anderson - Flow™ Hive Come along and listen to the Flow™ Hive journey; a Northern Rivers family invention 10 years in the making. A surprising local story and the hilarious pitfalls along the way.	12:00 - 12:50 ORIGINS OF THE LOCAL RAINFOREST Dr Robert Kooyman - Macquarie University/Royal Botanic Gardens Learn how traits like seed size, shape and dispersal influence rainforest communities and find out how landscape-level dynamics, biogeographical history and functional factors shape the distribution of rainforest and genetic diversity in rainforest tree species.	12:00 - 12:50 RAINFOREST SEED COLLECTION & PLANT PROPAGATION Phil Murray - Direct Action Bush Regeneration & Paul Nelson - Firewheel Rainforest Nursery Learn from professional seed collectors with 25 years of experience about collection, germination techniques and storage of over 200 rainforest species on the Far North Coast.	
1:00 - 2:00	1:00 - 2:00 RAINFOREST WALK Tim Roberts - Le Botany & John Nagle - North Coast Local Land Services Come on a rainforest walk to learn about sub-tropical rainforest species and restoration.		1:00 - 1:50 PANEL: THE WOODFORD METHOD AND BEYOND; 30 YEARS OF REGENERATION AT ROCKY CREEK DAM Jesse Vandenbosch, Mark Dunphy, Rosemary Joseph, Rohen Davis, Damien O'Dwyer, Brett Weissel & Anthony Acret Discuss successional years of ecological restoration and alternative approaches at Rocky Creek Dam.	1:00 - 1:50 BIRDS OF GONDWANA RAINFORESTS Jan Olley - Byron Bird Buddies Watch a presentation examining some of the birds that inhabit the denser parts of the Gondwana Rainforest of Australia and learn about where these birds are found in the forest structure.	1:00 - 1:50 NEST BOXES FOR WILDLIFE Emma Stone - Border Ranges / Richmond Valley Landcare Network Learn ways to provide more habitat for wildlife at your place, by installing nest boxes for mammals, birds and bees. Learn how to build one or purchase a take home flat pack nest-box build-it-yourself kit.	
2:00 - 3:00	2:00 - 3:00 PLANTING FORESTS FOR BIODIVERSITY, CARBON, TIMBER AND SUSTAINABLE AGRICULTURE Kevin Glencross and Doland Nichols - Subtropical Farm Forestry Association and Southern Cross University Explore the emerging markets for a range of goods and services that can help to encourage landholders to replant rainforest species.	2:00 - 3:00 RAINFOREST IDENTIFICATION WALK Hugh and Nan Nicholson - Terania Rainforest Publishing Come on a rainforest walk, collect botanical specimens and learn how to identify them using the Digital Identification Key.	2:00 - 2:20 PROPOSED CHANGES TO BIODIVERSITY LAWS Nina Lucas - NSW Environmental Defenders Office The NSW Government's law and policy reform package is a serious backward step and removes many long-held environmental protections.	2:00 - 2:20 PRIVATE LAND CONSERVATION Gabriel Anderson - Nature Conservation Trust and Alison Ratcliffe - Brunswick Valley Landcare What is Private Land Conservation? Options for landholders can be confusing. Hear about the mechanisms available to you as a landholder.	2:00 - 2:50 NATIVE BACKYARD LANDSCAPING George Roberts - Roberts Eco Restoration and Shane Banks - Booyong Rainforest Creation Discover how to incorporate native plants within backyard landscapes to encourage diversity of flora and fauna and promote a healthier garden.	
			2:20 - 2:40 SPECIES SELECTION FOR RAINFOREST REVEGETATION Ben Jennings - Eco Recharge Learn what rainforest plants to use when planning and undertaking revegetation projects. The right plant in the right place will increase the likelihood that your planting will be a success.	2:20 - 2:40 PRIVATE LAND CONSERVATION IN SUBTROPICAL RAINFOREST LANDSCAPES Lui Webber Hear from a landholder of a private conservation property about the difference a single property can make as a stepping stone in the broader landscape.		
		2:40-3:00 WORK IN A CHALLENGING ENVIRONMENT; FROST AND FLOODS IN RIPARIAN ZONES. Jesse Vandenbosch - Big Scrub Regen Discover strategies and species to create a framework for a future forest.	2:40 - 3:00 WORKING TO HELP SAVE KOALAS IN OUR BACKYARDS Ros Irwin - Friends of the Koala Taking action to help save and take care of koalas in our backyards. Implementing the Regional Koala Communications Plan - Think, Care, Act!			

GOLD SPONSORS



ABOUT BIG SCRUB RAINFOREST DAY 2016

The Big Scrub Rainforest Day is Australia's largest annual environmental and community event and this year we celebrate 30 years of rainforest restoration at Rocky Creek Dam.

The 2016 event is presented by the Big Scrub Landcare Group in association with Rous County Council, EnviTE and Rainforest Trust Australia. The event is organised with the assistance of local and regional community organisations and individuals. It has wide support from Landcare groups, local government, local business and state government agencies.

The day is special because of the participation of the Widjabul people of the Bundjalung Nation, leading ecologists, rainforest regenerators, naturalists, scientists and other professionals who share their expertise and volunteer their time in presentations, workshops and walks. The day also provides fun activities for the whole family, food, entertainment and a wide range of displays and stalls by community groups and other organisations.

WHAT IS THE BIG SCRUB?

Once the largest expanse of subtropical rainforest in Australia, the Big Scrub covered a roughly circular area where presently Lismore, Ballina, Byron Bay and Mullumbimby are situated. Of the original 75,000 hectares, now less than 1 percent - only 300 ha, of scattered rainforest fragments remain.

The remnant areas contain a rich diversity of flora and fauna, supporting more than 300 species of trees and shrubs. At least 28 threatened species of flora and 22 species of fauna occur in these remnants. Their high conservation value is reflected in their status as critically endangered nationally.

ROUS COUNTY COUNCIL – WATER FROM THE BIG SCRUB

Rous County Council is the regional water supply authority providing water to approximately 100,000 people in the local authority areas of Lismore, Ballina, Byron and Richmond Valley. All of the key existing and proposed water sources of Rous County Council (Rocky Creek Dam, Emigrant Creek Dam, and the Wilsons River Source) are located within the Big Scrub landscape.

In this way, Rous County Council represents 'water from the Big Scrub rainforest'. Rainforest regeneration in the Big Scrub landscape serves a range of functions that improve the quality of the catchment, and have a beneficial effect on water quality, one of the key management goals of Rous County Council. Big Scrub restoration is considered critical for the conservation and enhancement of biodiversity in the Big Scrub landscape, and important for our water future.

MESSAGE FROM ENVITE

EnviTE Environment is a not-for-profit organisation working in partnership with the community to restore our natural environment. We work with public and private land managers, Indigenous communities, Landcare, local councils, government agencies and developers. Our services include bush regeneration, ecological restoration planning, seed collection, propagation, revegetation, landscaping, flora, fauna and habitat surveys and habitat restoration. We deliver environmental training in conservation and land management skills to community groups, Green Army participants and others.

EnviTE has implemented environmental grants exceeding \$12 million and other ecological restoration contracts valued at over \$15 million. In the 2015 – 2016 financial year, 31 environmental grants and 170 fee-for-service projects were underway. EnviTE has partnered with Big Scrub Landcare to restore lowland rainforest for over 20 years.

MESSAGE FROM RAINFOREST TRUST AUSTRALIA

Rainforest Trust-Australia saves real acres of rainforest by purchasing and protecting significant parcels of land - both here and abroad. We also give communities hands-on opportunities to protect and enhance these special places. Each project we work on has been identified as crucial to preserving critical habitat for endangered species.

In the Big Scrub Rainforest we're supporting local restoration efforts by working with Madhima Gulgan to provide Indigenous people with training and employment opportunities. To help visit rainforesttrust.org.

LOGISTICS AND SAFETY

The Information Centre is open all day for first aid, general information, program details and making donations to the Big Scrub Restoration Project. Please take care moving around. Come and say hello, complete the visitor's survey and get the latest event information.

Big Scrub Rainforest Day involves a wide range of activities held in many different locations at Rocky Creek Dam. Because there is so much happening, please be careful when moving around the sites and on the many walks. A detailed listing of safety issues and controls is held at the Information Centre – please come and visit if you need any assistance on the day.

NEED MORE INFORMATION ABOUT BIG SCRUB RESTORATION AND HOW TO GET INVOLVED?

Visit www.bigscrubrainforest.org.au

PROVIDE US WITH YOUR FEEDBACK FOR YOUR CHANCE TO WIN

Tell us what you think and how we could improve! Come to the Information Stall at the event or visit our website after the event at www.bigscrubrainforest.org.au and fill in a short survey for your chance to win one of five vouchers valued at \$100 for the Crystal Castle and Shambala Gardens or one of three vouchers valued at \$50 and \$25 for the Burringbar Rainforest Nursery. Prizes will be drawn on 25th October and winners will be notified by phone.

THANKS TO OUR EVENT SPONSORS

A huge thank you to our wonderful event sponsors for their commitment and support in holding this important Landcare, environment and community event. Thank you to all our other supporters who contributed donations, goods and services required for putting on the event.

THANK YOU!

Thank you for attending the Big Scrub Rainforest Day 2016. As the day is free you may wish to help us save the Big Scrub and its magnificent biodiversity by making a tax deductible donation to the Big Scrub Rainforest Fund at the information tent or at www.bigscrubrainforest.org.au

BIG SCRUB RAINFOREST DAY 2016 ORGANISERS

Our special thanks go to the members of the organising committee who put in a huge effort in planning for the 2016 Big Scrub Rainforest Day. Tony Parkes, Anthony Acret, Georgina Jones, Stephanie Lymburner, Jesse Vandebosch, Kelvin Davies and Shannon Baunach - Greenfields. Thanks to Hannah Rice-Hayes and Crissy Clay for your organisational support. Lastly thanks to the supporters, volunteers and presenters who give their time to make the Big Scrub Rainforest Day such a unique and successful event.

Images: Andy Erskine, Katherine Castle, Matthew Newton and Rous County Council. Printed on 100% recycled paper.

STALL HOLDERS INCLUDE

**Bangalow Land and Rivercare | Big Scrub Landcare | Brunswick Valley Landcare Inc | Burringbar Rainforest Nursery EnviTE
Firewheel Rainforest Nursery | Friends of the Koala Lismore City Council | Lismore Rainforest Botanic Gardens
Nature Conservation Trust | North Coast Local Land Services | North East Waste
Northern Rivers Wildlife Carers | Rainforest Rescue Rainforest Information Centre
Rainforest Trust Australia | Rous County Council
Salumi Australia | Subtropical Farm Forestry Association**

EVENT SUPPORTERS: CRYSTAL CASTLE AND SHAMBALA GARDENS | BIG SCRUB REGEN

