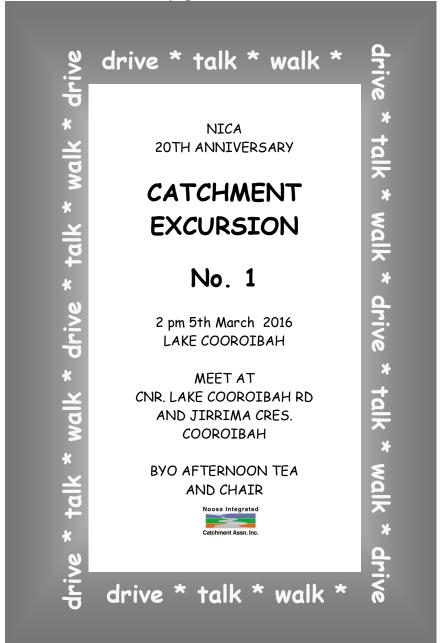
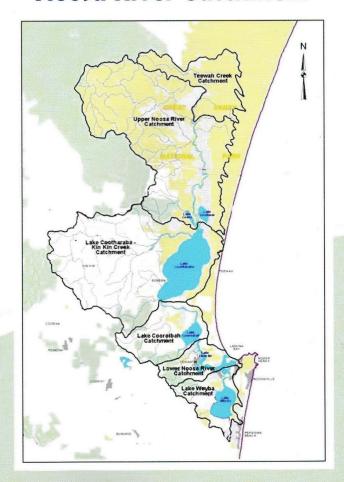
Notes and maps from this excursion can be found on the NICA webpage www.noosariver.com.au



Leaders: Tony and Stephanie Haslam and Lidia Smith

Noosa River Catchment



What is a catchment?

A catchment is the land area from which rainwater drains to a river.

Some water remains underground, slowly feeding the river between rainfall events.

Press release February 2016

NICA CATCHMENT EXCURSIONS 2016 CELEBRATE YOUR CATCHMENT

On Saturday 5th March the Noosa Integrated Catchment Association will launch a series of monthly excursions to celebrates 20 years of catchment care. The excursions will take a closer look at man and the biosphere in the Noosa River catchment.

The community is invited to come along and learn more about where they live. With a catchment that stretches from Teewah in the North, Kin Kin in the west and Lake Weyba in the south, these excursions will target a different area each month and include walks, talks, bus trips, car pooling, boat trips, etc and will be free unless buses or boats are hired.

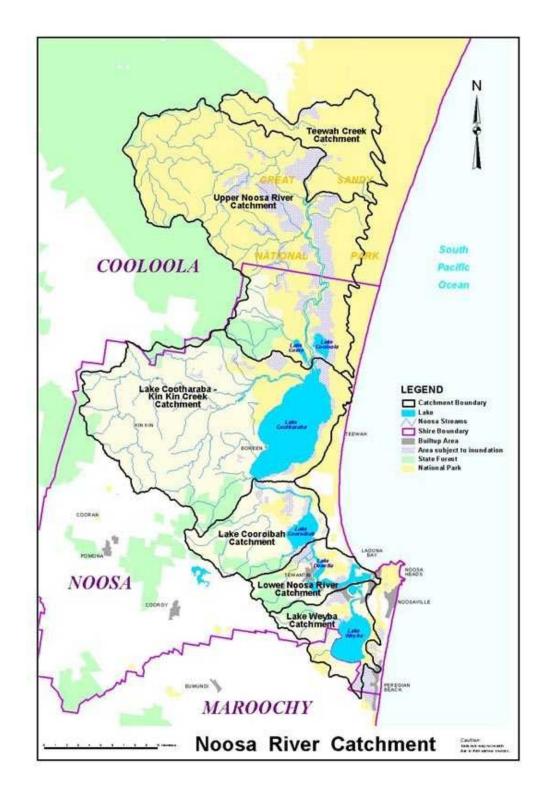
Learn about the history of the Noosa River Catchment, how we interact with our environment and plan for the future.

The first event on 5 March 2016 WILL LOOK at the western side of Lake Cooroibah. Cars should meet at the corner of Lake Cooroibah Road and Jirrima Crescent at 2 pm for a drive, informative talk about local history over afternoon tea, followed by an easy walk along the foreshore of the Lake. This excursion will be led by local residents Tony and Stephanie Haslam and Lidia Smith from NICA. Bring your own afternoon tea and a folding chair.

"NICA HAS decided to celebrate its 20th anniversary by introducing people to aspects of the Noosa River catchment they may not know", said Stephanie Haslam who is organising the program. Stephanie is well known as author of "Noosa Native Plants" and promotion of local design through NICA'S "LOOK LIKE NOOSA" project.

"Increasing local knowledge of our environment and how we interact with it, is a wonderful way to celebrate our twentieth anniversary year", said Stephanie. "People can come along - the events are free and no bookings are required", Stephanie added. Each event will be advertised in the local press, on the NICA website www.noosariver.com.au and on Facebook.

For more information call Stephanie on 5449 8118.





.9 •2 .13 McKinnon Dr •11

POINTS OF INTEREST

1	Meeting Point
2	Great Sandy National Park
3	Old Airstrip
4	Riley Land
5	Old Quarry
6	Meet for talk and tea
7	Beach walk
8	Track behind Morning Glory
	Drive houses
9	Johns Landing Camp Ground
10	Bora Ring
11	Tewantin National Park
12	Mangroves
13	Noosa River Channel
14	Ferry
15	Lake Cooroibah Heiahts



TEWANTIN TO COOROIBAH

The land from Tewantin to Cooroibah, bounded by Wooroi Creek, McKinnon Drive, Lake Cooroibah Road, and Lakeway Drive is largely in conservation tenure. It is part of the Lake Cooroibah Sub-catchment and having it in its natural vegetated condition helps contribute good quality runoff entering the Noosa River System. There are some exclusions which include a few isolated residential blocks, and larger collections of residences at Noosa Banks and Cooroibah Heights.

THE RILEY LAND

Contained within this wider area is the 'Riley Land', an area separated off by Cooroibah Creek. This land had been owned by a Sydney based land owner, Mr Riley. It comprised several parcels (as many as 4).

The Riley Land was the subject of a long standing compensation claim on Noosa Council of around \$4 Million resulting from planning decisions which saw the land lose its development potential. However Mr Riley was prepared to negotiate with Council over the potential purchase of the land, and in 2007 using Environment Levy money and \$1.5 Million from the Federal National Reserve System program, Council purchased the land for around \$4.5 Million, settling the compensation claim and protecting the land in public ownership. The airstrip, which wasn't part of the Riley Land, was subsequently purchased with Environment Levy funds by the Sunshine Coast Council during the amalgamated period.

The Riley land is almost totally endangered ecosystem, and contains 6 different Regional Ecosystems, including a rare patch of rainforest and scrub.

When the land was purchased in 2007, Mayor Bob Abbot said, "This is such a special stretch of land, spreading from the wetland shallows of Cooroibah Lake and Cooroibah Creek to the edges of the Great Sandy National Park".

"Riley's is a patchwork of rare and threatened eucalypt woodland, safeguarding habitat for threatened birds and animals like the red goshawk, water mouse and wallum sedge frog."

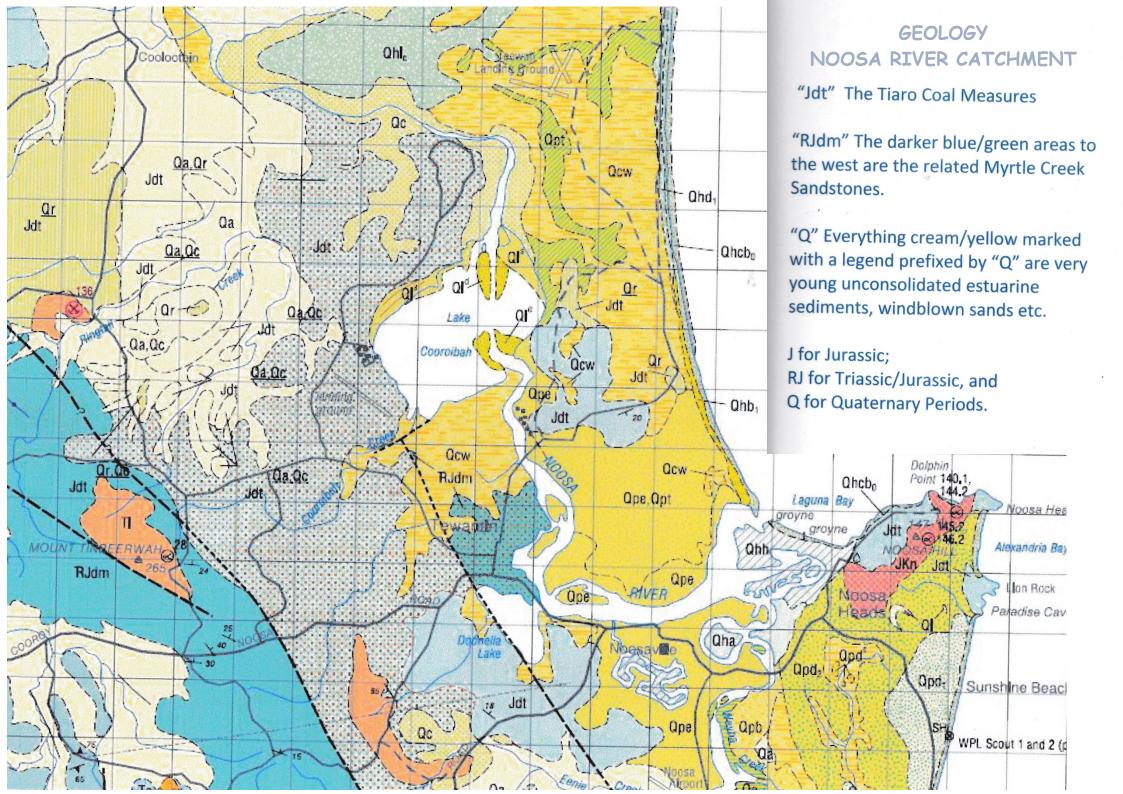
COOROIBAH HEIGHTS

The term 'Cooroibah Heights' isn't used much by locals but an article in "The Noosa Advertiser" of April 14, 1960 told "The STORY of LAKE COOROIBAH HEIGHTS ESTATE". Owned by NSW businessman, Mr B R Watson of Mt Kuring-Gai, the land was developed into 119 small lots priced at \$390, \$600, \$800, and \$1,100. The sub headlines to the story described the area in the following terms. "The lake country in the Tewantin-Noosa area is one of the most beautiful in Australia. It is a natural heritage, and the lakes themselves need little enhancement by the hand of man."

However this didn't prevent some enhancement and the article told us – "Before this development project was put into operation, the Estate was covered by a heavy forest of bloodwood, stringy bark and bluegum; but man and machinery have moved forward to carve these gently sloping lakeside sites."

"The purchaser of land on this Estate will have practically no work to do on his block in so much as every large tree was removed, so, too; were the roots and stumps removed from their precious foundation."









GEOLOGY - LAKE COOROIBAH

The principal rock formation in the Cooroibah area is known as the Tiaro Coal Measures. It consists primarily of ferruginous sandstones (meaning the particles are chemically bound by oxides of iron), shales, siltstones, and even coal.

In places the sandstone may exhibit onlite markers, being small spherical shapes which we know are associated with past shallow marine environments.

The Tiaro Coal Measures are commonly seen at the surface in band bearing south from Johns Landing to Cooroibah Creek, ...en SE towards Coolum. They are seen on the lower parts of Ringtail Forest, the lower sections of Tewantin NP, and around the western and southern shores of Lake Weyba. In the north, they are extensively visible through the Western Catchment. The Tiaro Coal Measures are closely associated with the Myrtle Creek Sandstone and the Landsborough Sandstone to the south; collectively comprising the extensive sandstone coastal plains of the Sunshine Coast.

They are all of late Triassic to Jurassic age i.e. about 200 million years ago, and originated as a result of the sinking of the continental margin at that time, allowing material eroding from mountains to the west to accumulate in broad basins.

For more information about local species visit www.noosasnativeplants.com.au and look for Plant Lists

Some Local Birds

Brown Cuckoo-Dove Fig Bird Torresian Crow Magpie Lark (Peewit) Laughing Kookaburra Whistling Kite Rainbow Lorikeet Brahminy Kite Brown Honeyeater White-Bellied Sea Eagle Koel Scrub Turkey Lewin Honeyeater Scaly-breasted Lorikeet Noisy Miner Dollar Bird Little Friar Bird Pale-headed Rosella King Parrot Black-faced Cuckoo Shrike Blue-faced Honeyeater Tawny Frogmouth Sulphur-crested Cockatoo Noisy Friar Bird Currawong Wren White-faced Heron Scarlet Honeveater Fantail Forest Kingfisher Red-winged Parrot

Feeding native birds can harm them.

Put a birdbath in your garden near an overhanging tree where they can perch, and enjoy their company.

Some local native plants

Keep a few in your garden to ensure Lake Cooroibah retains its pleasant lakeside character

Trees

Allocasuarina littoralis (black she oak)
Casuarina glauca (coastal she oak)
Angophora leiocarpa (Smooth-barked apple, Rusty gum)
Callitris columellaris (White cypress pine)
Eucalyptus umbra (Bastard Stringybark)
Lophostemon suaveolens (Swamp box)
Melaleuca quinquenervia (Paperbark)
Eucalyptus racemosa (Scribbly gum)
Eucalyptus tereticornis (Qld. Blue gum)
Corymbia intermedia (Pink bloodwood)
Glochidion sumatranum (Cheese tree)
Acacia sp. And, of course, the mangroves.

Shrubs

Leucopogon pedicellatus (Whitebeard)
Melastoma malabathricum (Blue tongue)
Petrophile shirleyae (Cone sticks)
Banksia integrifolia (Coast banksia)
Banksia robur (Swamp banksia)
Hakea spp.
Persoonia virgata (Geebung)
Pultenea sp. (Eggs and bacon, yellow pea flower)

Understorey

Blechnum indicum (Bungwall fern)
Crinum angustifolium (Swamp lily)
Cryptostylis erecta (Bonnet orchid)
Cryptostylis subulata (Tongue orchid)
Dianella sp. (Flax lily)
Hibiscus diversifolius (Swamp hibiscus
Geodorum densiflorum (Shepherd's crook orchid)
Caustis blakei
Eriocaulon sp. (Pipewort)
Lomandra sp. (
Pimelea linifolia (Rice flower)

Creepers

Hardenbergia violaceae (Native sarsaparilla)
Lygodium microphyllum (Climbing maidenhair)
Parsonsia straminea (Monkey vine)

Lake Cooroibah Weeds

These are ones that get into the bush to choke and smother native species. Here are some of the weeds we have targeted at Lake Cooroibah. Ofter attractive in their own right, when left to their own devices in the bush, they will smother native species.

Singapore Daisy
Blue Morning Glory
White Morning Glory
Mile a minute
Setaria (South African Pigeon Grass)
Mother of Millions
Fishbone Fern
Umbrella Tree
Cocos Palm (Queen Palm)
Black-eyed Susan
Basket Asparagus
Slash pine
Groundsel Bush

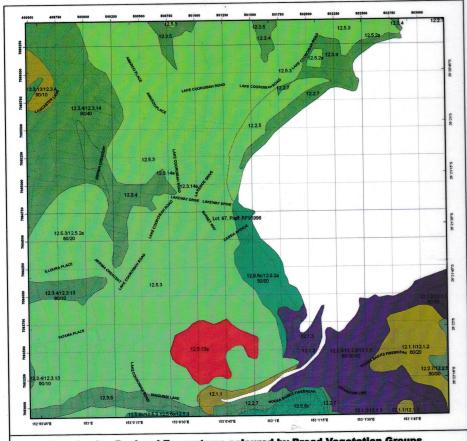
Privet

Pasture legumes such as Archer axillaris, Siratro, Glycine, Silver-leaved

Desmodium

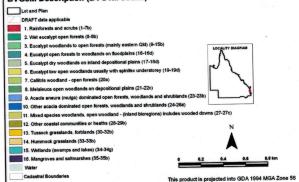
Everyone can help by <u>not</u> throwing garden rubbish into the bushland areas. This is how the invasion began!

If you have these weeds in your garden, please remove the flower heads before they go to seed and re-invade the bush.



Pre-clearing Regional Ecosystems coloured by Broad Vegetation Groups

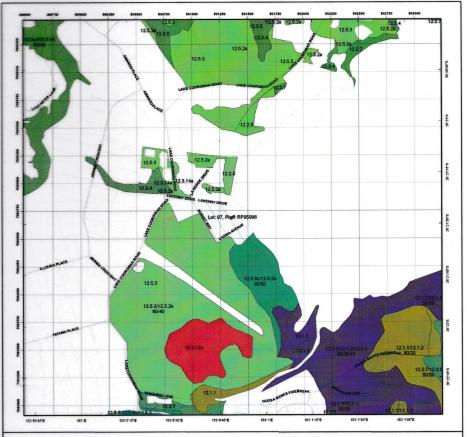
Broad Vegetation Groups BVG5M Description (BVG1M codes)



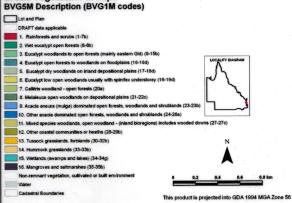
Broad Vegetation Groups (BVG) of Queensland are appli by look up table to the regional ecosystem vegetat communities. Each polygon is coloured by the domin BVGSM and the component regional ecosystems labells. Where more than one regional ecosystem occurs, t percentage of each is labelled.

Where more than one regional ecosystem occurs, the precentage of each is labelled. Regional ecosystem imapping over the majority of Regional ecosystem imapping over the majority of Regional ecosystem imapping over the majority of Regional ecosystem processes and the second of the Regional ecosystem insework reproduced at a case degreater than 1:109,800, except in designated areas, should be used as a quite continuous continuous designation of the second of the

© The State of Queensland, 2016



Remnant 2013 Regional Ecosystems coloured by Broad Vegetation Groups **Broad Vegetation Groups**



Broad Vegetation Groups (BVG) of Queensland are applied by look up table to the regional ecosystem vegetation communities. Each polygon is coloured by the dominant BVGSM and the component regional ecosystems tabelled. Where more than one regional ecosystem occurs, the percentage of each is tabelled.

percentage of each is labelled.

Regional ecosystem mapping over the majority of Gueensland is produced at a scale of 1:100,050, All this majority of the scale of 1:100,050, All this control of the scale of 1:100,050, All this control of the scale of t

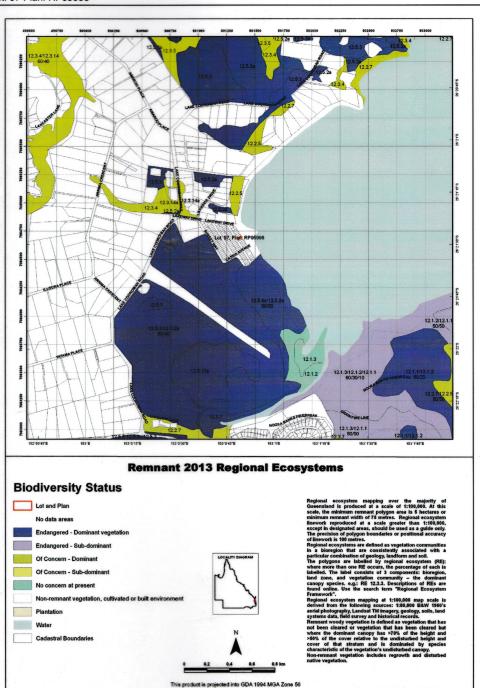
The precision of polygon boundaries or positional accuracy of linework is 100 metree. Regional ecosystems are down as vegetation communities. Regional ecosystems are demonstrated as vegetation communities. Bearing a property of the proper

© The State of Queensland, 2016

12.3.5

Biodiversity Status Lot and Plan No data areas Endangered - Dominant vegetation Endangered - Sub-dominant Of Concern - Dominant Of Concern - Dominant Of Concern - Sub-dominant No concern at present Water Cadastral Boundaries Cadastral Boundaries No concern at present Veter Cadastral Boundaries This product is projected into GDA 1994 MGA Zone 56 Of The State of Owenersland, 2015 This product is projected into GDA 1994 MGA Zone 56

28/02/2016 11:49:42 Lot: 97 Plan: RP95996



© The State of Queensland, 2016



E. B. Marshall

Munna Point, Noosaville

Telephone Tewantin 52

W. H. Walker & Co.

Read's Arcade, Tewantin

LAKE COOROIBAH

With settlement will come

has been set aside which

will be available only for

be able to have every

modern convenience.

hand, and there are no will find little difficulty in man. LOCAL AGENTS :

youngsters, making it an age. ideal one for the family

STORY

This first section of the

The land has been cleared, but sufficient trees have been left to give a Selephane Sewantin 90 drained, with kerbing and by Messrs. Alex and Rapipes, so that any storm Gillingwater in the pre-

It has been noticed that bothering mosquitoes or filling his creel. A sandy water will be carried aways beach provides a safe swiftly, leaving the allowswimming place for the ments free from any society

> Before this development project was put into operation, the Estate was covered sub-division has been by a heavy forest of blooddivided into 119 allotments, wood, stringy bark aneach having an area of 24 bluegum; but man an-a machinery have moved forward to carve these gentlysloping lakeside sites.

The purchaser of land our park-like effect. Soil is good this Estate will have praand the streets which have tically no work to do on him been cut through in sub- block, such a consciention dividing are suitably well job has been carried one drained, with kerbing and by Messrs. Alex and Rained

inary work.

The arable soil of each site was taken into consideration as the developing project moved under way, in so much that as every large tree was removed, so, too; were the roots and stumps removed from their precious founda-

The buyer of land on this Estate can build without being handicapped by these underground hindrances.

Allotments nearest the lake shore are some feet foot of the rise and the

water's edge will be devel-|offers many advantages.|and the fertile soil should oped as an Esplanade and The whole atmosphere is enable the small crop also as a picnic area with one to induce complete re-farmer to gain a lucrative barbecues, seats and other laxation. Whilst only four return. amenities. Just imagine miles from Tewantin towndelectable freshly-caught ship, there is an air of perfish straight from the water fect peace. to the grill over the open

Mr. Watson's personal faith in his project is revealed in every facet of the this purpose and will make development. He is a proud a compact business centre. family man himself, and his Electric light will be availthoughts have been to provide a leisure retreat for many family folk; for he feels-and rightly so-that above the shore proper, this type of settlement is the

and this space between the backbone of any country. vast Estate will be avail- reach of all income brackets

FORTHALL REPRESENTATION OF THE PROPERTY OF THE

The property is bounded by the Two-mile Creek.

To assess to the full the unique setting and advantages of this beautiful a shopping area—a space Estate, it is necessary to make an inspection, and to see for oneself the truth of the foregoing statements, which are merely statements of fact and in no able and land-holders will way exaggerated.

Sites may be purchased for cash or on the easiest Certain portions of this terms, and are within the For the businessman it able for small farm buyers, at £195, £300, £400 and £550. *********************************

Quality land at a sensible price . . .

Cooroibah Heights

The Estate is only four miles from Tewantin Post Office.

There are 119 choice, elevated well drained holiday sites, comprising waterfront and hillside lots overlooking the lake.

The Estate has a north east aspect.

The ground is of good arable soil - not sand.

Enough trees have been left to give a parklike effect.

Prices: - £195, £300, £400, £550. Numerous blocks at each price quoted.

An open invitation is extended to you -

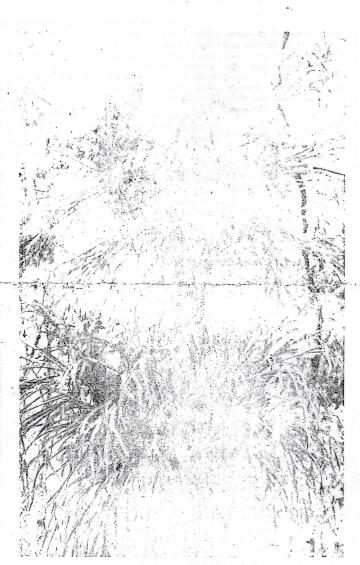
Inspect this Estate!

You will find the above statements to be correct.

B. R. WATSON

12 HIGH STREET, MOUNT KURING-GAI, SYDNEY, N.S.W. — Telephone JU9079

kitakat rasinarananan maranan maranan makan maranan maranan mara



The Estate is four miles from Tewantin Post Office and 10 miles from Coorcy.

The scenic drive from Cooroy through the beautiful cooling forestry reserve brings you by an all-weather road to the Estate.

To preserve the natural fauna and flora, 100 acres of forest has been left which will be turned into parkland and a reserve. Bridle tracks are being cat through this area to make delightful walks and to reveal in full the beauty of the elkhorns, staghorns and glorious orchids with which some grand old trees are laden.

Photograph on left shows some of the elkhorns which are growing in this reserve.

Natural fauna that belongs only in Australia will also be seen in its natural habitat in this picturesque vine forest.

The STORY of



Supplement to The Roosa Advertiser

LAKE COOROIBAH HEIGHTS ESTATE

The lake country in the Tewantin-Noosa area is one of the most beautiful in Australia.

It is a natural heritage, and the lakes themselves need little enhancement by the hand of

It is by one of these lakes Lake Cooroibah (com- come true. monly known as "Little Lake") that New South Wales businessman, Mr. B. R. Watson, has commenced to develop 540 acres of land.

tion of available land from ceeded to make his dream Northern New South Wales of a holiday spot which mands a picturesque view right up the Queensland would have all the features over the lake to the Noosa

Mr. Watson spent many found this estate of 540 months on a quiet inspectacres where he has pro-

Standing forty feet above the large placid Lake Cooroibah at its foreshore and receding back to rise gently to approximately eighty feet in height above the lake, the Lake Cooroibah Heights Estate comcoastline. Eventually he he, himself, would desire, Hills, which are seen to the

South-East.

The aspect is to the North-East, an ideal one from all points of view. The undulating land assures that each and every block will have the gentle breezes from the lake, which make it a cool haven even on the hottes

continued on page 2

Report by LIDIA SMITH

In celebration of their 20th anniversary, Noosa Integrated Catchment Association (NICA) has launched a series of free-to-the-public guided excursions into the Noosa Catchment.

The first of these excursions took place on Saturday, 5 March, and certainly hit the mark of its aim: To introduce and share with locals (and visitors!) this place we all call home – because the best surprises can sometimes be found right in our own backyards!

Saturday's excursion began with a gathering of approximately 30 participants, a brief introduction and a short walk up a bush track with points of interest. We then returned to our vehicles for a short drive up to the John's Landing campground entrance and back. This short drive had a few surprises in store for us.

We witnessed evidence of lightning's unstoppable force: a large _______ tree, struck down in what could only have been a violent, spectacular event. Once a tall proud sentinel, likely approximately ______ years old, it now stands in silent, shattered testimony to the awesome power of the spectacle we've all borne witness to many times in the night sky. A little further up the road, I dare say more than one jaw dropped at seeing a spectacle of quite a different type: the utter transformation of the old quarry site – I for one, anticipate exciting, interesting times ahead for this area!

Our convoy continued to the lakeside meeting place where afternoon tea and the informal talks commenced. Delivered in a casual, personable 'chat' atmosphere, participants were invited to ask questions, and to contribute information within the scope of topics discussed. Information covered ranged from local history, to geology, indigenous cultural notes, local vegetation and changes to the area over time.

Stephanie Haslam had listeners chuckling and engaged right from the start as she led us through a variety of topics. Tony Haslam shared his local knowledge of the area, not only of its current state, but also of its history, giving a glimpse into influences, both natural and human, that have worked to create the landscape, and continue to shape the beautiful area he calls home. He led us on a short walk through the Riley Land; a nature reserve he and Stephanie, along with a small community of neighbours are lucky enough to call "our backyard." We saw yet another tree recently lightning-struck. A splintered stump, shattered trunk and timber shards strewn over the ground again bearing silent witness to nature's awesome power. Lidia Smith shared her knowledge of Landcare's Land for Wildlife Program. This program illustrates how we – people – are part of this beautiful biosphere we call home. It shows that we can work and live sustainably within and with natural spaces; celebrating and supporting the Unisco-awarded 'Man and the Biosphere' status given to the area in (year).

Excursion 2 will be at Laguna Lookout and Noosa Woods, where we will hear about past, present, and future relationships between people and this dynamic river, and the diverse livelihoods it supports; human and wildlife alike. Everyone is invited to come along to learn something new and to share some of your own stories and surprises about our shared backyard. Rekindle the spark of discovery, reawaken the sense of wonder of our lil' slice of paradise!

These Noosa Catchment Excursions are open to any and all interested, are "bring your own afternoon tea and folding chair" events, and offered free of charge unless a bus, or boat is booked. Stay tuned for meeting places, dates, and times.



Thanks Lidia for the photos.