

# The Yellow-bellied Glider

## Corridors in the Gosford City Local Government Area



The Yellow-bellied Glider is a nocturnal, tree dwelling, active mammal, which is listed as a vulnerable species in New South Wales under the *Threatened Species Conservation Act 1995*. A vulnerable species is a species likely to become endangered unless the circumstances and factors threatening its survival cease to operate. Threats include loss of habitat, hollow-bearing trees and feed trees.

Adults weigh up to 700 grams, making it the second largest Australian glider, with a body length of about 30cm and a large bushy tail that is approximately 45 cm long. It has grey/brown fur above with a cream/yellow belly, paler in young animals. The dark stripe down the back is characteristic of the group. It has a large gliding membrane that extends from the wrist to the ankle.

The Yellow-bellied Glider is known to be the most vocal of Australian gliders. Its distinctive gurgling territorial and social calls can be heard from several hundred metres away.

The Yellow-bellied Glider is found along the east coast of Australia and adjacent ranges, including Gosford City Local Government Area (LGA). A typical habitat is a tall, mature eucalypt forest where mature trees provide nesting hollows and tree species, providing year-round continuity of food resources.

## What can you do?

Keep an eye out for, but please don't disturb, any hair tubes that will be attached to trees in the Gosford City LGA. These are PVC tubes that will be periodically mounted at sites over a two year period. If you find any hair tubes that have been disturbed, would like to participate in the research by providing access to your site or have any questions, please contact Antony von Chrismar, who is conducting the research, via email on:

[antoryv@ecoaus.com.au](mailto:antoryv@ecoaus.com.au)

Reference:

*Yellow-bellied Glider - profile*, Department of Environment and Conservation (DEC), viewed 17 June 2009, < <http://www.threatenedspecies.environment.nsw.gov.au/tsprofile/profile.aspx?id=10601> >

Printed by Gosford City Council, 49 Mann Street Gosford NSW 2250 June 2009

## The Project

Gosford City Council is funding a research project which will be undertaken by the Southern Cross University. The project will investigate the effectiveness of wildlife corridors for Yellow-bellied Gliders within the Gosford City LGA.

Wildlife corridors are an important consideration in the management of the Yellow-bellied Glider and the research project is directed towards this topic. Specifically, the research project aims to identify which wildlife corridors within the Gosford City LGA are supporting movements by Yellow-bellied Gliders via a hair tube sampling method applied at suitable locations throughout the LGA. Other methods will include night time spotting, call playback of Yellow-bellied Glider calls and predator owls, and sap tree surveys.



Yellow-bellied Glider Image: Joel Winter © DEC

For more information on the Yellow-bellied Glider please visit:

[www.threatenedspecies.environment.nsw.gov.au](http://www.threatenedspecies.environment.nsw.gov.au)