

Fox Gully Research – Tree Hollows – March 2011



The Hollow Log Homes article *Wildlife Boxes and Their Application in Across South Eastern Australia* reports that “*Corymbia citriodora* will **start** to develop hollows at dbh (diameter at breast height) of 50cm, these trees are estimated to be 100 years old in costal dry sclerophyll forests ..”.

A survey, conducted by Michael Fox on 13/3/11, of all trees in the 2ha Fox Gully Bushcare site:

- measured trees of circumference greater than 160cm – >80% of potential trees measured; and
- judged by eye the balance of trees exceeding 160cm.

<i>Eucalyptus microcorys</i>	Tallowwood	18
<i>Corymbia citriodora v variegata</i>	Spotted Gum	9
<i>Lophostemon confertus</i>	Brush Box	3
<i>Eucalyptus grandis</i>	Flooded Gum	1
Not identified		5
Total		36

The NSW Environment Climate Change & Water report *Loss of Hollow-bearing Trees – key threatening process determination* provides a clear guide for potential tree hollows in SE Qld.

Age at which >50% have tree hollows in SEQld:

	Diameter	Age Range
<i>Corymbia citriodora</i>	70cm	160-300 years
<i>Eucalyptus microcorys</i>	81-90cm	140-168 years

In the Fox Gully Bushcare site there are five *Eucalyptus microcorys* in the 81-90cm range and no *Corymbia citriodora* of 70cm.

There are a number of dead trees with potential hollows however overall there is a very limited resource of tree hollows for nesting by birds, possums and gliders.



Fox Gully Tree
Hollow Survey - Mar1



Wildlife Boxes SE Qld



Loss of
Hollow-bearing Trees

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