

Manningham Heritage Garden & Significant Tree Study

Significant Tree Information Sheet

Tree Identification No.: 38

Botanical Name: *Araucaria bidwillii*

Common Name: Bunya Bunya Pine

Location: Ruffey Lake Park,
71 Victoria Street, Doncaster

Private land		Public land	X
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Melway Ref: 33 H10

Setting/Position: In valley west of the Victoria Street adventure playground. Located on a grassed slope at the southern end of a row of elms on "Farm Drive"

No. of trees: 2

Height: A–17m; B–29m

Canopy Spread (m) E-W: A–11.5m; B–15m
N-S: A–15m; B–12m

DBH: A–1250mm; B–1140mm

Approx. Age of Tree: 105 years (Mature)

TPZ: 15.0m (A) **CRZ:** 3.3m (A)
13.7m (B) 3.3m (B)

Category of Significance:

Horticultural Value		Location or context		Rare or localised	X	Particularly old	X	Outstanding size	X
Aesthetic value	X	Curious growth form		Historic value	X	Aboriginal culture		Outstanding eg. of species	

Level of Significance: Local

History: Planted by German settler John Finger in c.1900 on each side of a gate connecting his orchard to a cart track leading to Victoria Street. Tree A is shorter due to a fire shortly after planting.

Source: City of Manningham, Ruffey Lake Park Heritage Trail Brochure (date?)

Health:

Pests/Diseases		Dead wood	X	Dieback	
Stunted growth	X	Stress		Rot	
Leaf necrosis		Low foliage density		Possum damage	

Other/Notes: Tree A has had its growth stunted by a fire soon after planting. Very minor deadwood within the canopies of both trees.

Health Rating: 2

Threats/Risks to Tree: No threats/risks evident at the time of inspection.

Hazards/Risks:

Co-dominant branches		V-crotched	X
Irregular branch structure		Low-hanging branches (unsafe)	
Diseased limbs		Other	X



The two trees: Tree 'A' in foreground



Trees viewed from hill to west

Other/Notes: Branches are low hanging, but are not a problem as the trees are not in the path of direct human traffic. The western tree (tree A) is a lot shorter and denser than tree B and is bifurcated. Tree B has a concentration of branches at the top of the tree and slightly uneven form.

Structure Rating: 2 (Tree B) 4 (Tree A)

Works Required & Priority: Deadwood and general crown maintenance should be carried out within the next six to twelve months.

Management Prescriptions: Tree A is v-crotched and may require cabling with time. Tree's should be assessed on a one to two year basis to monitor bifurcation and structure and carry out any maintenance required. The cones of Bunya Bunya pines are extremely large, and can be dangerous when they fall. This issue must be managed as these trees are in a public park, albeit in an isolated location. This can be done by fencing off the area directly below the trees either permanently or during the fruiting season, however a more appropriate way to manage the risk is to have the cones removed on a seasonal basis by a qualified arborist. An eventual removal and replacement strategy will also need to be implemented using stock propagated from the existing trees.

Existing Overlay Controls: Heritage Overlay (HO170)

Statement of Significance: The Bunya Pines in Ruffey Lake Park are locally significant as old and large specimens of a tree uncommon in the Manningham area, having a historic connection to Manningham's orcharding history, being planted by German settler John Finger.

Overall Tree Rating: 3

Recorded by: Andrea Proctor

Date: 25-01-05

ID Confirmed: Andrea Proctor

Location Map and Key:

