

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	375 Botanical Road	
Tree name	Kowhai (<i>Sophora tetraptera</i>)	
Location of the tree on the site	Front garden	
Owner's name		
Date of Inspection	31 March 2011	Inspected by John Wakeling

Dimensions

Height m: 8	Girth @ 1.4m: 3 of 1.20	Spread m: 12
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	9
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	15
Age (years)	10+	20+	40+	80+	100+	15
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	3
Subtotal						72

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	27
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	15
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	21
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal						93

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
Historic						
Age 100+	Local	District	Regional	National	International	
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	Local	District	Regional	National	International	
Relict	Local	District	Regional	National	International	
Scientific						
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
Subtotal						0

Total Points

165

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	A failed limb has been removed many years ago				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native	
Local Environment	Few trees	Some trees	Well treed neighbourhood		
Age Class	young	Semi mature	Mature	Post mature	
Special value	Horticultural	Landscape	Specimen	Historical	Botanical
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical Atypical
Form	Refer to STEM scoresheet				
Crown Shape	Typical	Atypical	Wide spreading low crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain	The tree is not too stable it has a rather typical poor basal structure.		
Trunk character	The poor forks unions at the base indicate the tree will not be long-lived specimen.				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	A conversation with the widow of the original owner/doctor who built this med centre, informed me the tree was planted in about 1955, shortly after he started his practice here.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine				
Health	~				
Safety	Regular checks	The long, spreading limbs are putting a great strain on the unions at the base. Consider reduction of the crown width	Within 2 years, then 5 yearly		
Overhanging b'dry	~				

Standard procedures	Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'nded for notable trees) - other
Special Measures and recommendations	Mulch base – irrigate – improve drainage – underplant – cable brace - other
Timeline	Now - 5 years - 5 yearly - As required

Changes noticed in last five years	Die-back/health – developments nearby – excavations nearby
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Photographs.



Figure 1



Figure 2. the tree is surprisingly large – healthy foliage, too