Pinus ponderosa

(Ponderosa Pine) - Exotic

Location: Aird, No. 2 Line

STEM Score: 234

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home.

- A stunning specimen set in pasture amongst other mature exotic trees.
- · Single leadered and well branched.
- Very large basal girth.
- Growing on a slight lean from the prevailing wind and a nearby oak.
- · There are some dead branch stubs and broken branches in the canopy as typical with mature pines.

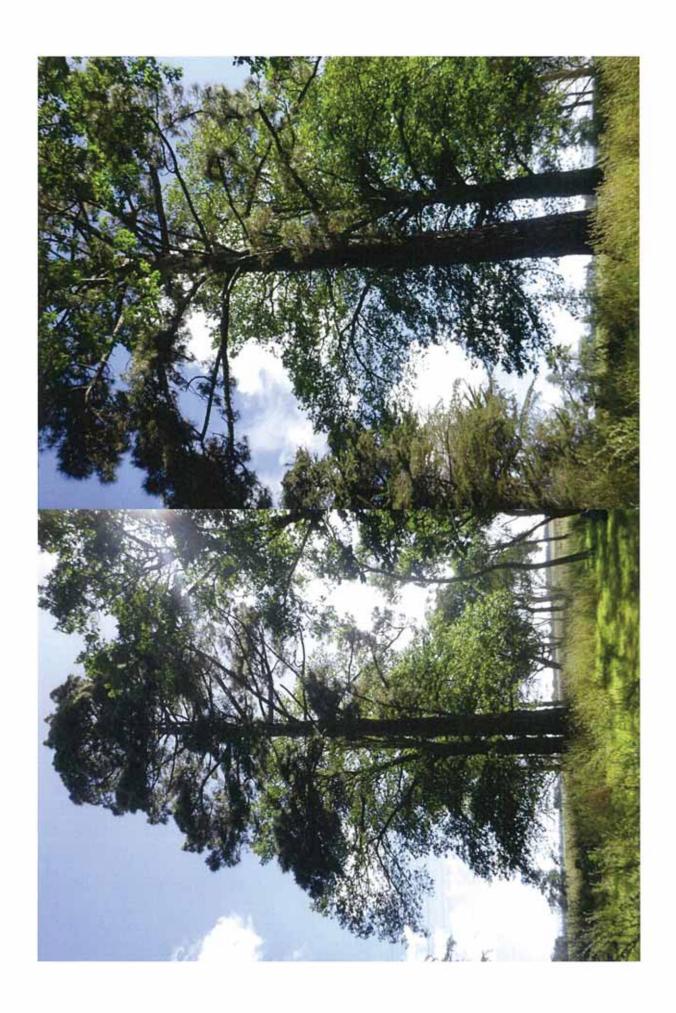


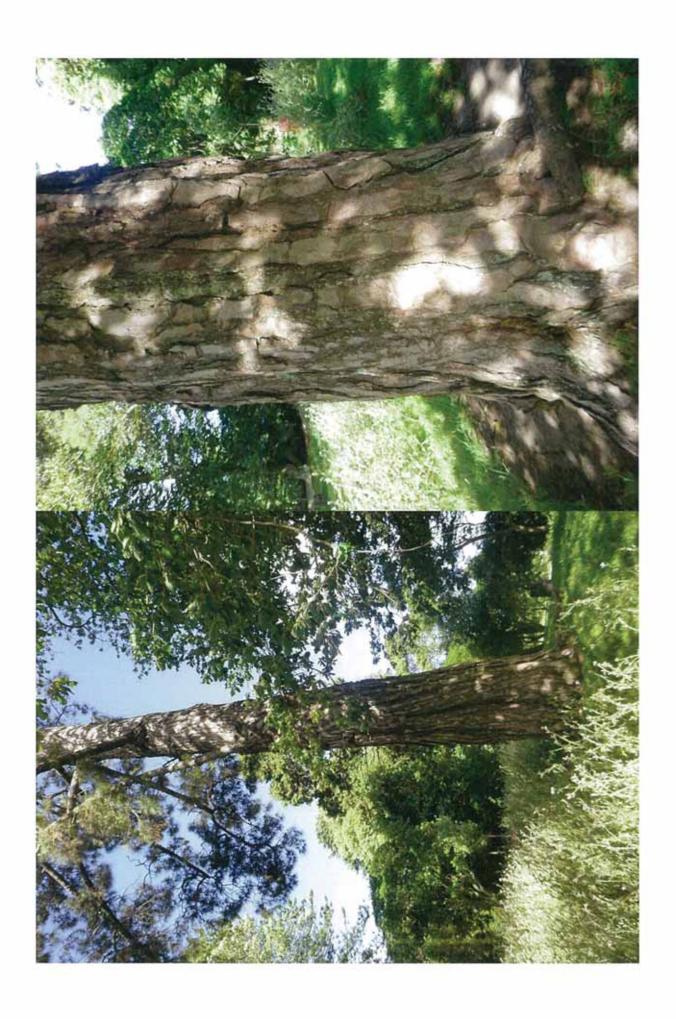
Condition Eval	uation			17.12.13		
Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	27
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	27
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20утз. +	40yrs. +	80утз. +	100yrs. +	27
Subtotal Points						105

Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	21
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	第15
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						63

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
Feature						15
• Form				7.0		15
Historic						
• Age 100+						21
 Association 						15
Commemora	tion					1.5
• Remnant						
Relict						
Scientific						_
Source						
• Rarity						_
 Endangered 					-	-
Subtotal Points						66
Total Points						234





Quercus suber

(Cork Oak) - Exotic

Location: Aird, No. 2 Line

STEM Score: 222

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home.

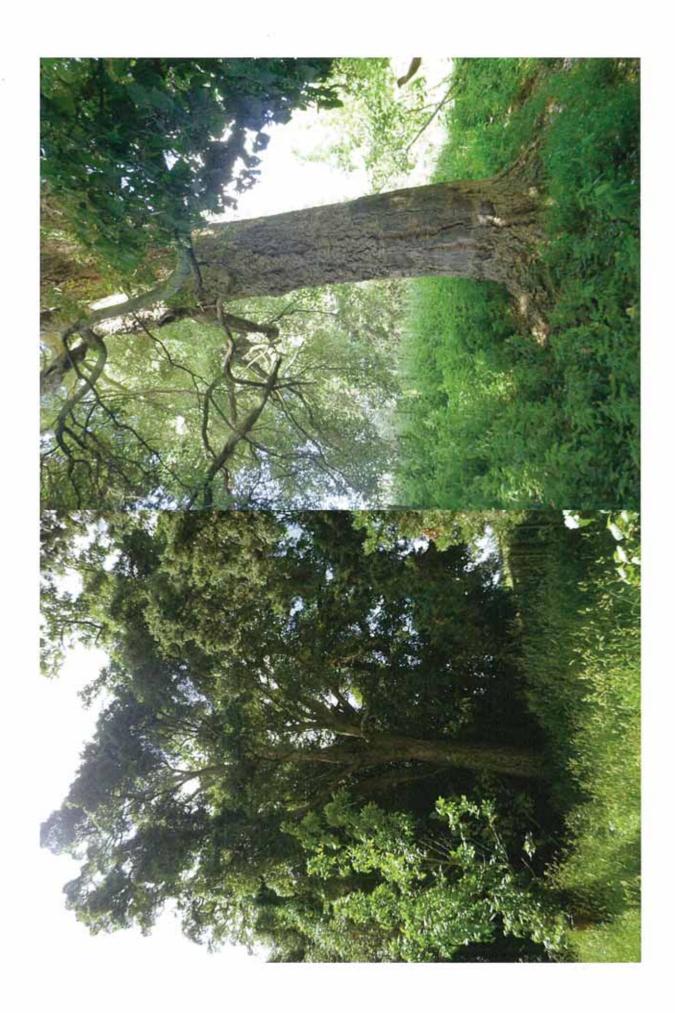
During WWII and in an absence of cork supply, Max McGregor harvested cork off this tree to make duck decoys.

- A large and stunning tree, one of the tallest in the country.
- Very large basal girth.
- There is some dead wood present in the canopy.
- There is a patch of decay/non re-generating cambium tissue but the decay of heartwood is minimal.
 This was probably caused by slightly too deep a cut when harvesting cork.
- · Cork harvest marks still visible.

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	27
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	77
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21
Function	Minor	Uscful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	27
Subtotal Points						1111

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	15
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	3
Role	Minor	Moderate	Important	Significant	Major	\$15
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points						39

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						9.6
Feature						21
• Form						15
Historic						
* Age 100+						21
 Association 						15
Commemora	tion					10
Remnant						_
• Relict						
Scientific						_
Source						
• Rarity						
 Endangered 						
Subtotal Points						72
Total Points						222







Cork harvest boundaries are clearly visible (left) and a patch of dead non re-generating cambium (right).

Quercus X hispanica

Spanish Oak - Exotic

Location: Aird, No. 2 Line

STEM Score: 186

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home.

- · A sub-canopy tree of not great form but with plenty of character.
- Interesting corky bark.
- Suppressed in height by surrounding trees but it has a busy and spreading branch network.
- Multi-leadered from 1.5m.



Condition Eval Points	uation 3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	15
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	27
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	127
Subtotal Points						93

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	9
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	3
Role	Minor	Moderate	Important	Significant	Major	事15
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points						33

Recognition Points	Local 3	District 9	Regional 15	National 21	International	Score
Stature				41	27	
Feature						\$15
• Form						9,15
Historic						710
* Age 100+						15
 Association 						15
Commemora	tion					1.0
• Remnant						7
Relict						
Scientific						
Source						
Rarity						
 Endangered 						
Subtotal Points						60
Total Points						186



Quercus frainetto

(Hungrian Oak) - Exotic

Location: Aird, No. 2 Line

STEM Score: 234

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home.

- · This tree is a large, graceful and stunning tree with great form.
- · There is some deadwood present.

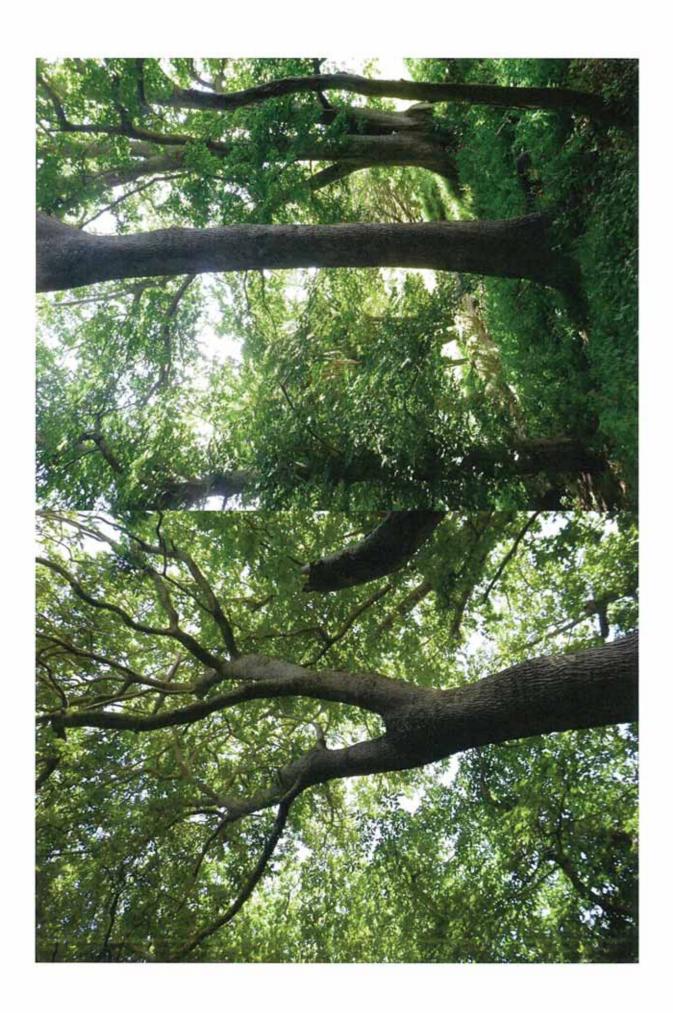


Quercus Condition Eval	uation	2		17.12.13		
Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	23
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	27
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	121
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20утя. +	40yrs. +	80yrs. +	100yrs. +	27
Subtotal Points				1		111

Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	21
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	3
Role	Minor	Moderate	Important	Significant	Major	\$15
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points					1000000	115

Recognition Points	tocal 3	District 9	Regional 15	National 21	International 27	Score
Stature						
Feature						21
• Form						21
Historic						-
* Age 100+						21
 Association 						15
 Commemorat 	ion					10
Remnant						-
• Relict						
Scientific						
Source						
• Rarity						
 Endangered 						
Subtotal Points						78
Total Points						234



Agathis robusta

(Queensland Kauri) - Exotic

Location: Aird, No. 2 Line

STEM Score: 180

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home.

Visual Comments:

- · A tall and slightly spindly specimen hidden amongst other trees.
- · Its form is typical of being closely planted with other trees.

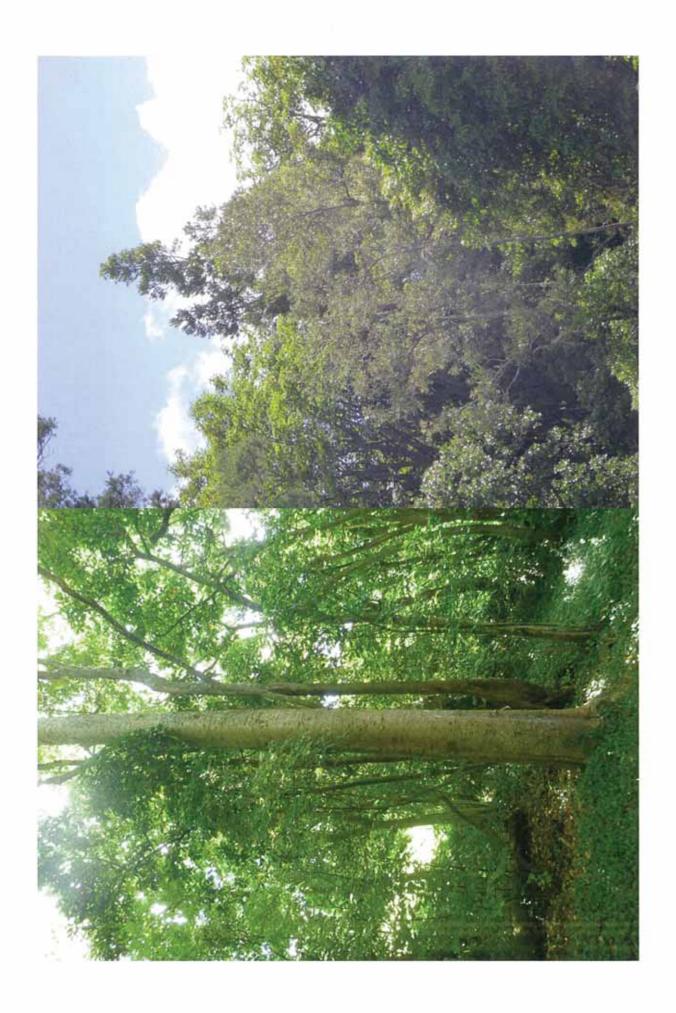
Full Tree Evaluation Score Sheet

Agathis Condition Eval	robusta)	7,12.13			
Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	21
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	27
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80ута. +	100yrs. +	27
Subtotal Points						105

Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	21
Visibility (km)	0.5	1.0	20	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	3
Role	Minor	Moderate	Important	Significant	Major	315
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points						45

Points	3	9	Regional 15	National 21	International 27	Score
Stature					====	
Feature						3
• Form						3
Historic						
* Age 100+						9
 Association 						15
 Commemora 	tion					12
• Remnant						
Relict						
Scientific						
Source						
• Rarity						
 Endangered 						Fir
Subtotal Points						30
Total Points						180



Acer platanoides 'Crimson King'

(Norway Maple Cultivar) - Exotic

Location: Aird, No. 2 Line

STEM Score: 204

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home.

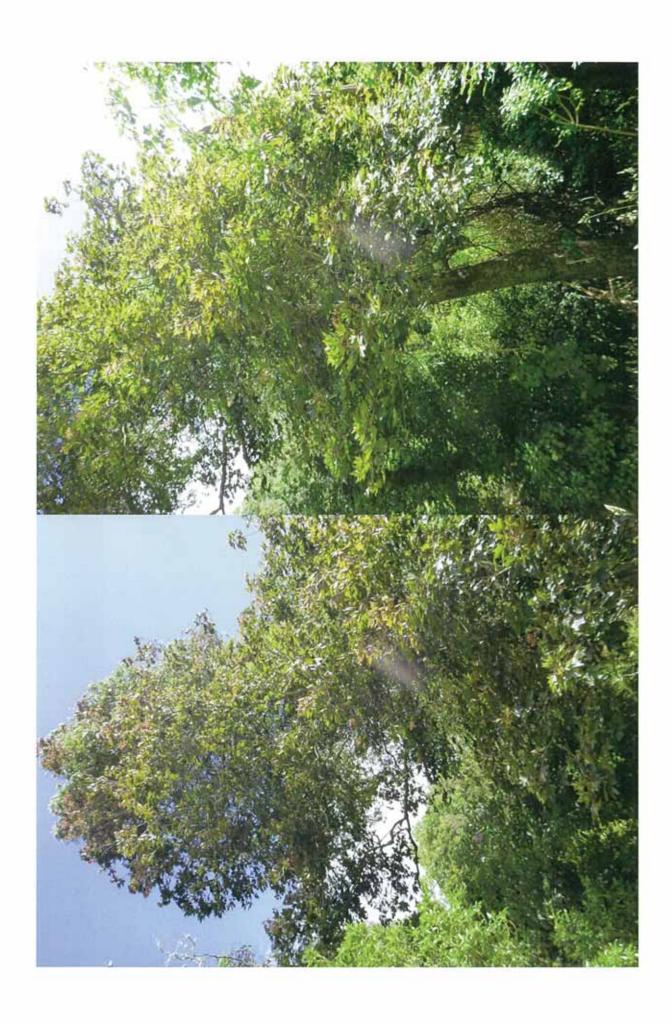
Visual Comments:

- Stunning tree in its new growth stage.
- Growing on a slight lean and double-leadered from 2.5m. The union is good and strong.
- · A vine, Pandorea sp., is growing throughout the canopy.

Recommendations:

Cut Pandorea sp. vine so it does not smother the tree.









Syzygium ventenatii

(Weeping Lilly Pilly) - Exotic

Location: Aird, No. 2 Line

STEM Score: 210

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home.

- Impressive specimen with huge basal girth.
- In very good health.
- Some branches that were hanging low over sheep yards have been cut back to stubs which have epicormic growth sprouting.
- Minimal decay observed.
- There is wandering jew and karaka growing at the base of the tree.



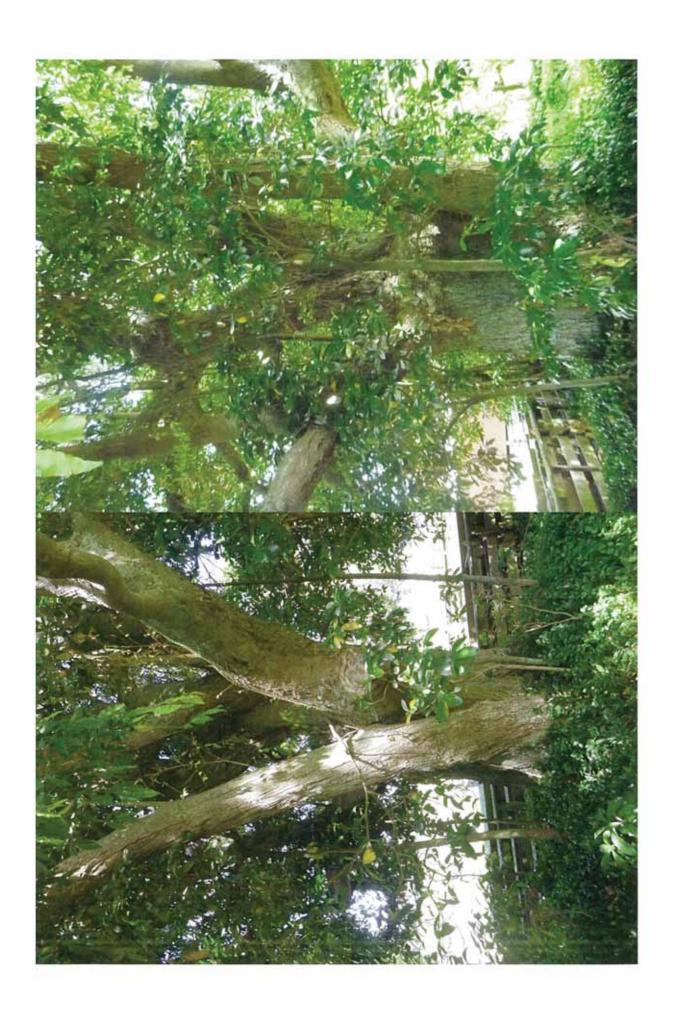
Syzygium V	entenat.		17.12.13				
Condition Evaluation Points 3 9 15 21 27							
Form	Poor	Moderate	Good	Very good	Specimen	Score 21	
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	21	
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21	
Function	Minor	Useful	Important	Significant	Major	9	
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	27	
Subtotal Points						99	

Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	21
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	121
Role	Minor	Moderate	Important	Significant	Major	\$15
Climate	Minor	Moderate	Important	Significant	Major	7
Subtotal Points						69

Notab	e F	valu	ation

Recognition	Local	District	Regional	National	International	Score
Points	3	9	15	21	27	Score
Stature						9
Feature						-
• Form						9
Historic						q
* Age 100+						1
 Association 						915
Commemora	ition					74
Remnant						
• Relict						
Scientific						
Source						
• Rarity						
Endangered	d					
Subtotal Points						42
Total Points						210



Actinidia deliciosa

(Kiwifruit, Chinese Gooseberry) - Exotic

Location: Aird, No. 2 Line

STEM Score: 237

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home. This is a layer of the original plant which grew just a few metres away.

- This is the first kiwifruit plant brought to New Zealand.
- · Was thought to be male but there is fruit on it.
- The fruit are small but edible.
- The vine has been kept back to cover a pergola approximately 2x3m.
- As this is the original stock for a lot of the kiwifruit industry, it is extremely important as a future source in dealing/re-building from a crisis such as PSA disease.

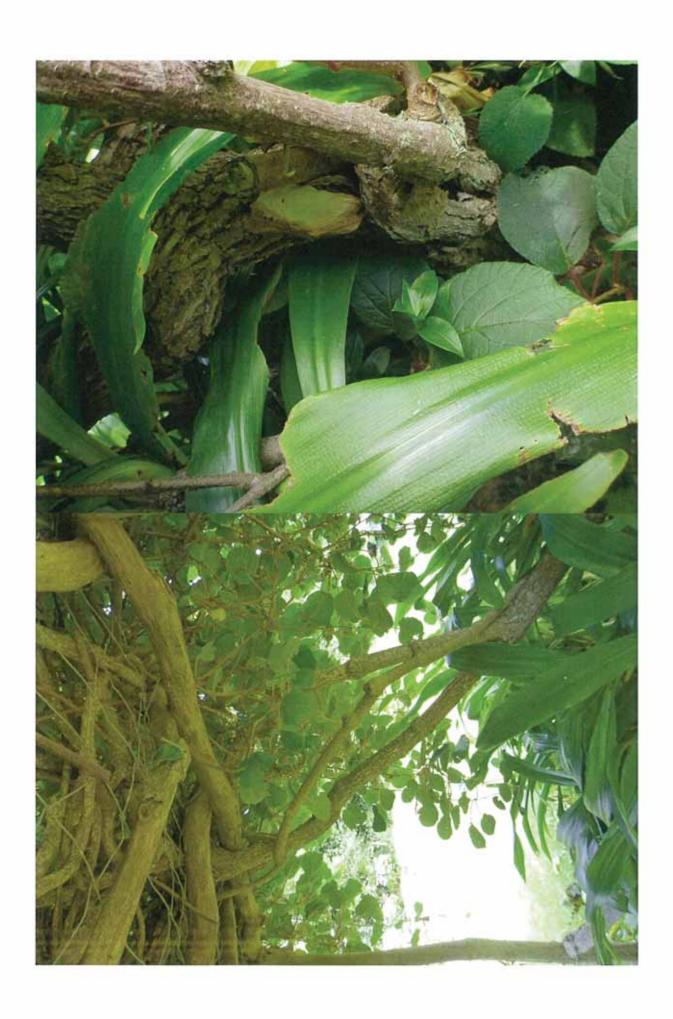


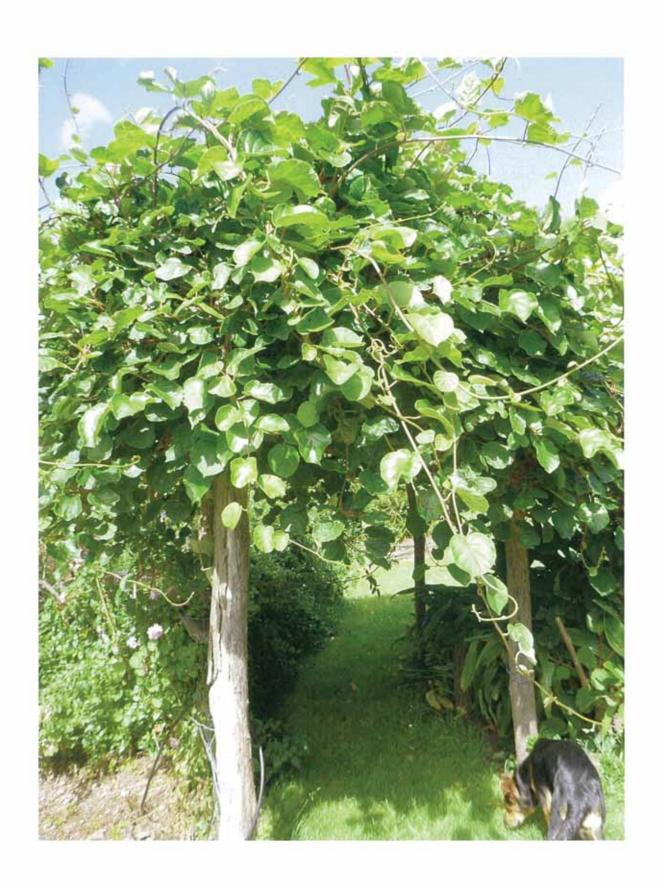
Actinidia	delicios	deliciosa					
Condition Eval	uation				17.12		
Points	3	9	15	21	27	Score	
Form	Poor	Moderate	Good	Very good	Specimen	21	
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15	
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	27	
Function	Minor	Useful	Important	Significant	Major	9	
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	27	
Subtotal Points						199	

Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	3
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	21
Role	Minor	Moderate	Important	Significant	Major	27
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points						

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
Feature						第15
• Form						29
Historic						
* Age 100+						21
 Association 						3/5
Commemora	tion					413
• Remnant						_
Relict						
Scientific						
Source						21
• Rarity						-1
 Endangered 						
Subtotal Points						81
Total Points						237





Acer platanoides 'Crimson King'

(Norway Maple Cultivar) - Exotic

Location: Aird, No. 2 Line

STEM Score: 204

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home.

Visual Comments:

- Stunning tree in its new growth stage.
- · Growing on a slight lean and double-leadered from 2.5m. The union is good and strong.
- A vine, Pandorea sp., is growing throughout the canopy.

Recommendations:

Cut Pandorea sp. vine so it does not smother the tree.

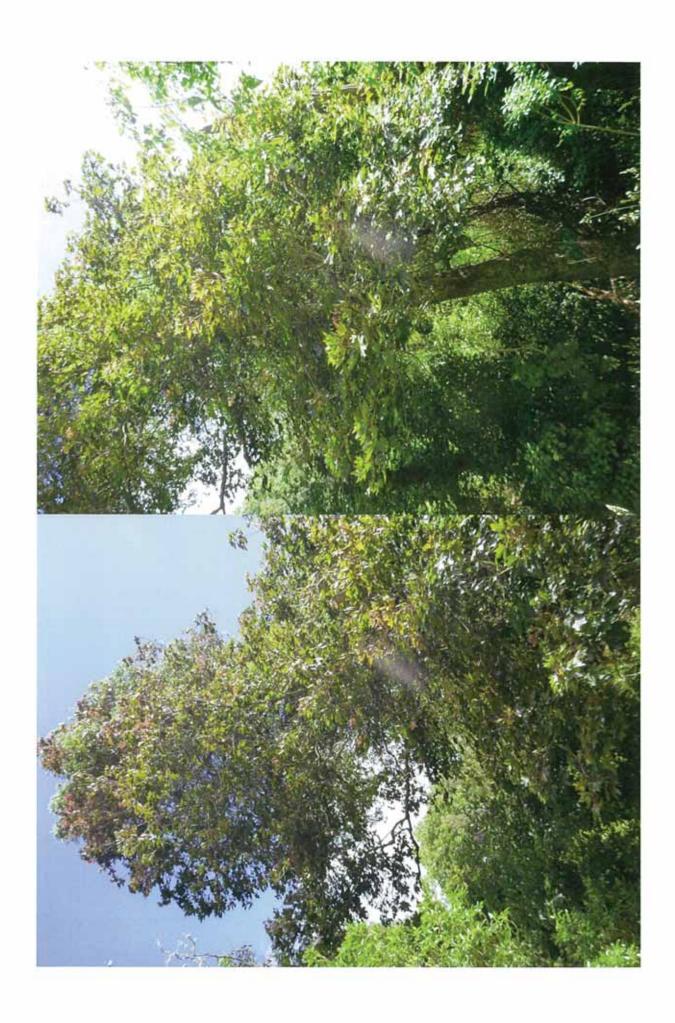


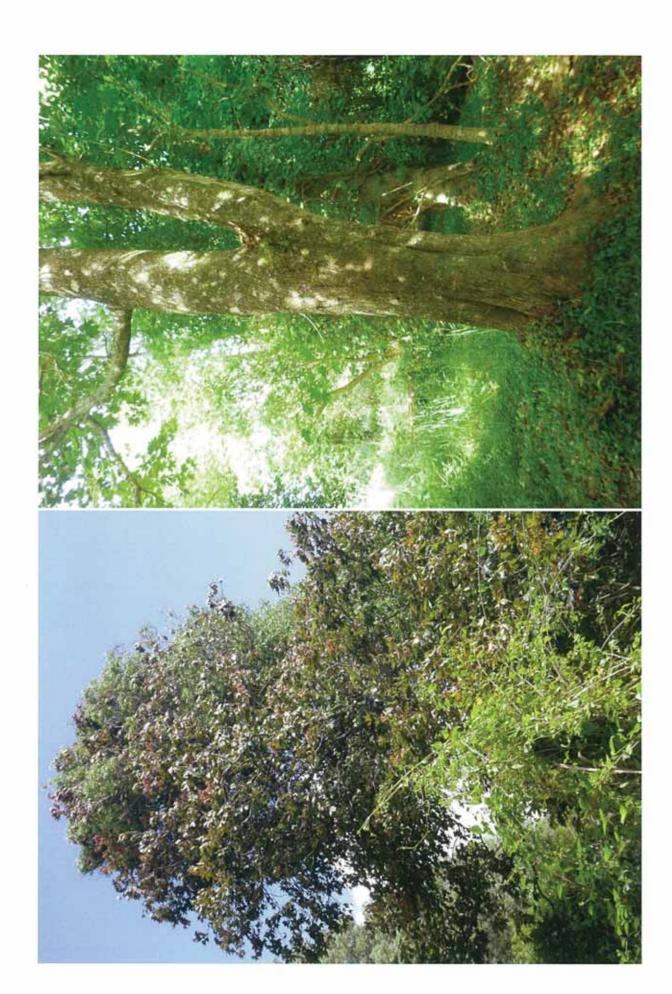
Acer Pla	tanoiles	Rubin	or Crima	· Kind		
Condition Eval	uation			0		
Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	21
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	21
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20утз. +	40yrs. +	80yrs. +	100yrs. +	27
Subtotal Points						199

Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	15
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	3
Role	Minor	Moderate	Important	Significant	Major	3 15
Climate	Minor	Moderate	Important	Significant	Major	7
Subtotal Points						39

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature • Feature						15
• Form						15
Historic • Age 100+						21
 Association 						15
Commemora	tion					1)
• Remnant						
Relict						
Scientific • Source						
• Rarity						
 Endangered 						
Subtotal Points						66
Total Points						204







Carya illinoinensis

(Pecan) - Exotic

Location: Aird, No. 2 Line

STEM Score: 252

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by James McGregor at the family home.

- Very large and impressive specimen in a beautiful setting.
- · The canopy is in very good health.
- There is some tip die-back and dead wood in the canopy.
- The butt log is very large.

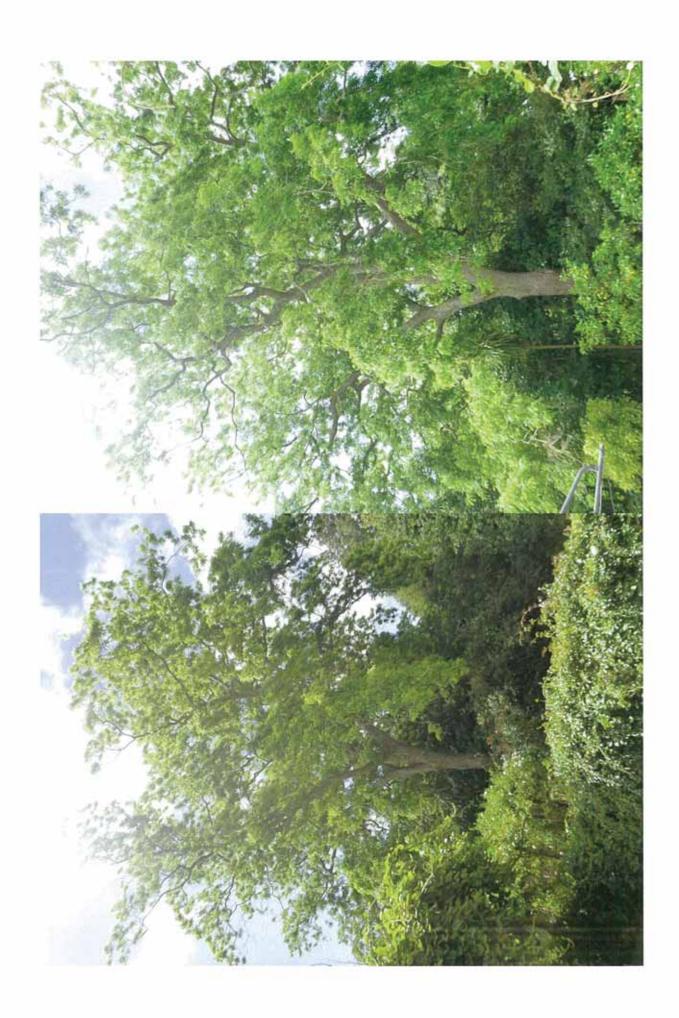


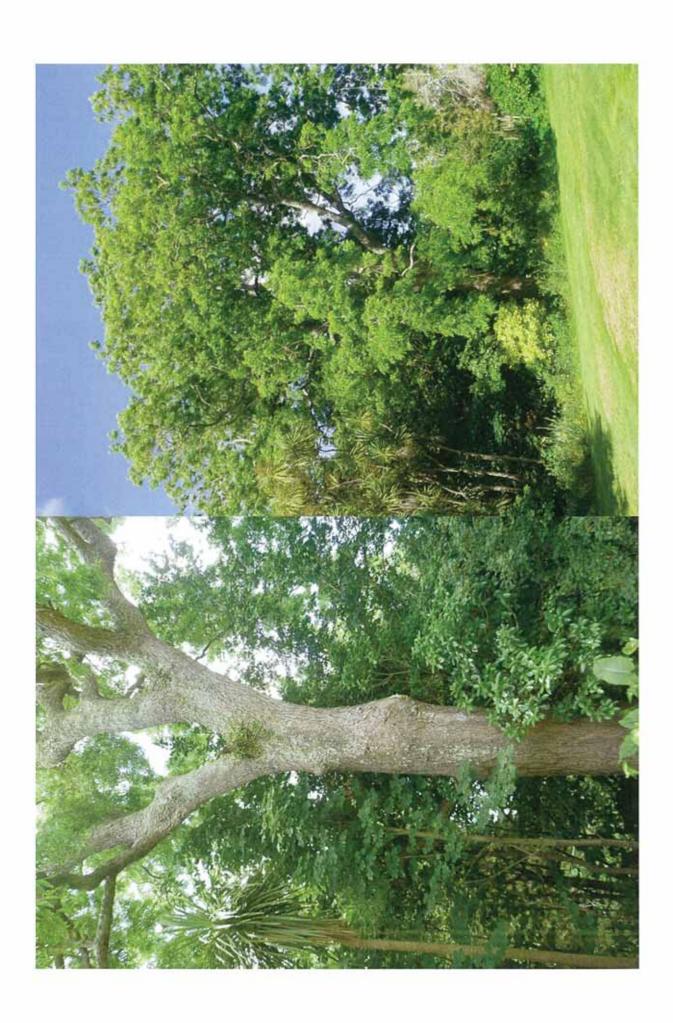
Condition Eval	uation \\\land	inensis			17.12.1	5
Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	27
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	21
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21
Function	Minor	Uscful	Important	Significant	Major	15
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	27
Subtotal Points						111

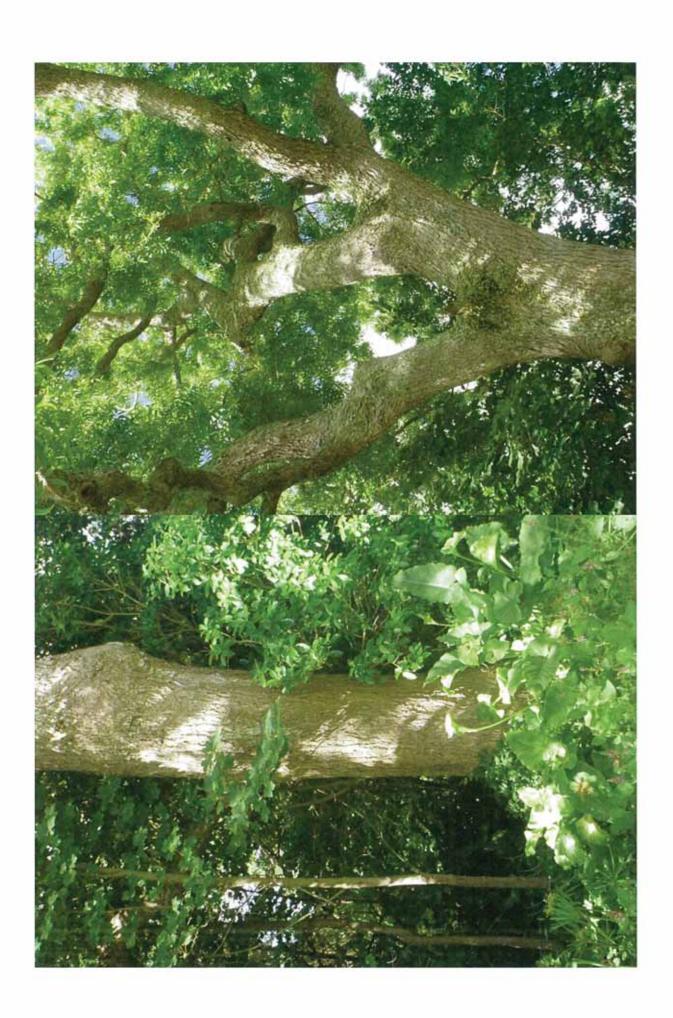
Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	21
Visibility (km)	0.5	1.0	2.0	4.0	8.0	2
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	15
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						63

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
Feature						21
• Form						21
Historic						
* Age 100+						21
 Association 						15
Commemorar	tion					-
Remnant						_
Relict						
Scientific						_
Source						
• Rarity						
 Endangered 						
Subtotal Points						78
Total Points						252







Jacaranda mimosifolia

(Jacaranda, Brazilian Rosewood) - Exotic

Location: Aird, No. 2 Line

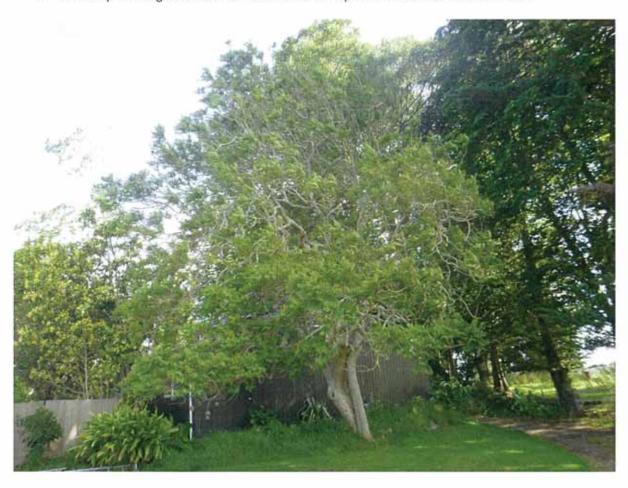
STEM Score: 129

Assessed by: Marc Higgie, Consultant Arborist, 17 December 2013

History:

Planted by the McGregor family at the family home.

- · A handsome smaller tree but a good size for the species.
- Somewhat one-sided due to wind and possibly old buildings since removed.
- Seed on tree.
- An old epicormic growth from the base has turned apical and balances the tree a little.



Jacaran		esifdia			17.17.1	3
Condition Eval	uation	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	15
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	3
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	21
Subtotal Points						69

Amenity	Eva	luation	

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	9
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	21
Role	Minor	Moderate	Important	Significant	Major	9
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points						45

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature • Feature						3
• Form						3
Historic • Age 100+						
Association						9
Commemora	ition					
• Remnant						
• Relict						
Scientific Source						
Rarity						
• Endangered	d					
Subtotal Points						15
Total Points						129

