

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Caccia Birch, 130 Te Awe Awe Street	
Tree name	Beech (<i>Nothofagus hybridus</i>) [more likely to be <i>N. solandri</i>]	
Location of the tree on the site	In the rose garden overlooking the lagoon	
Owner's name	Caccia Birch Trust	
Date of STEM Assessment	30 March 2011	Inspected by John Wakeling

Dimensions

Height m: 18	Girth @ 1.4m: 3.86	Spread m: 19
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	27
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	15
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	15
Subtotal						114

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	21
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	15
Subtotal						81

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	3
Historic						
Age 100+	Local	District	Regional	National	International	
Association	Local	District	Regional	National	International	3
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

201

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History						
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	Exotic and native collection		
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 score sheet					
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				
Trunk character	Well buttressed, , fluted					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	A magnificent specimen tree, sited to achieve the maximum from a narrow part of the garden					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Carry on with maintenance as at present.	More or less in a five yearly cycle		
Health	-				
Safety	-				
Overhanging b'dry	-				

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'ded 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	No changes
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Photographs.



Figure 1, the Beech, from the carpark side of the house



Figure 2 and 3, from below the Rose Garden



Figure 3

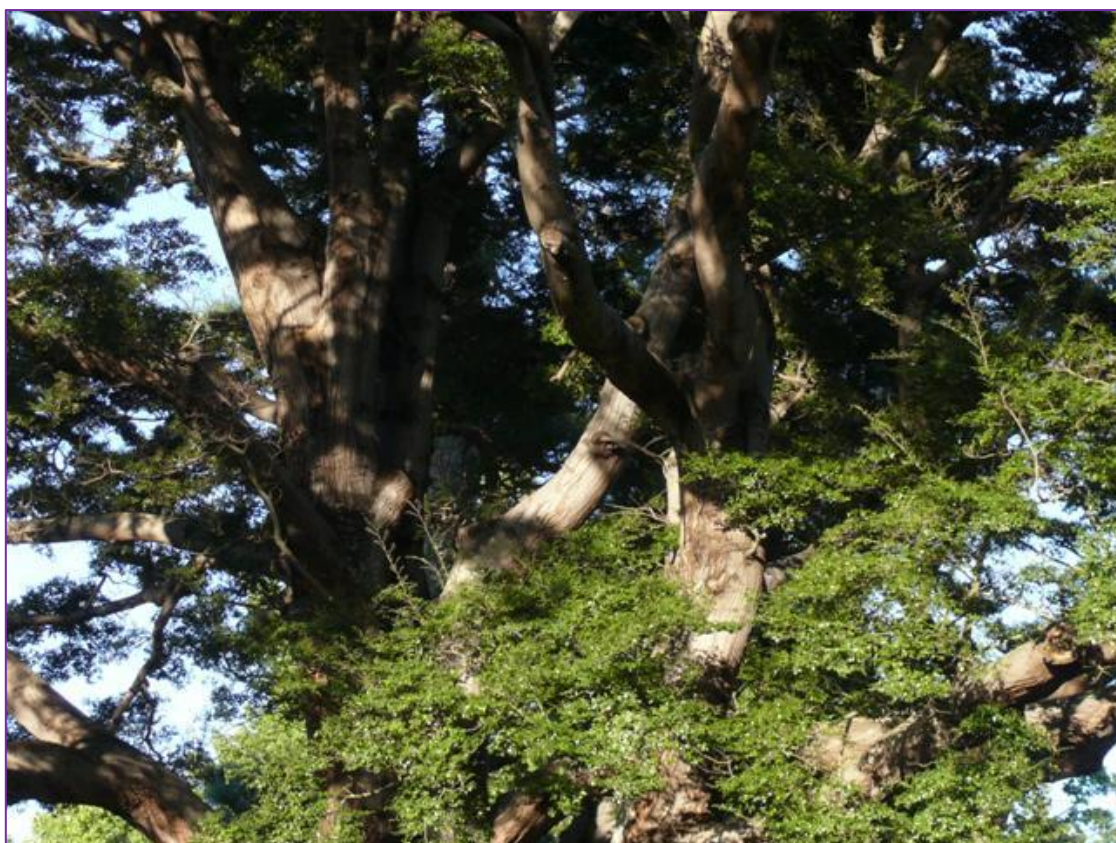


Figure 4, detail of trunk

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Caccia Birch, 130 Te Awe Awe Street	
Tree name	Canary Island Pine (<i>Pinus canariensis</i>)	
Location of the tree on the site	By the carpark, on the ridge above the lagoon	
Owner's name	Caccia Birch Trust	
Date of STEM Assessment	30 March 2011	Inspected by John Wakeling

Dimensions

Height m: 27	Girth @ 1.4m: 2.6	Spread m: 10
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	15
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	21
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	15
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	27
Subtotal						120

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	21
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	27
Effect on Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal						75

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	3
Rarity	Local	District	Regional	National	International	3
Endangered	Local	District	Regional	National	International	
Subtotal						6

Total Points

201

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Dead wood removed				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Exotic and native collection	
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 score sheet				
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other tree (since removed)
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	Straight, cylindrical, reducing soil erosion				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	The tree is healthy and looks set to continue providing an amenity for many more years, the ground and bank beneath the tree should be re-vegetated.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity		None at present			
Health					
Safety					
Overhanging b'dry		Underplant the bank with suitable shrubs.			

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'd 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.

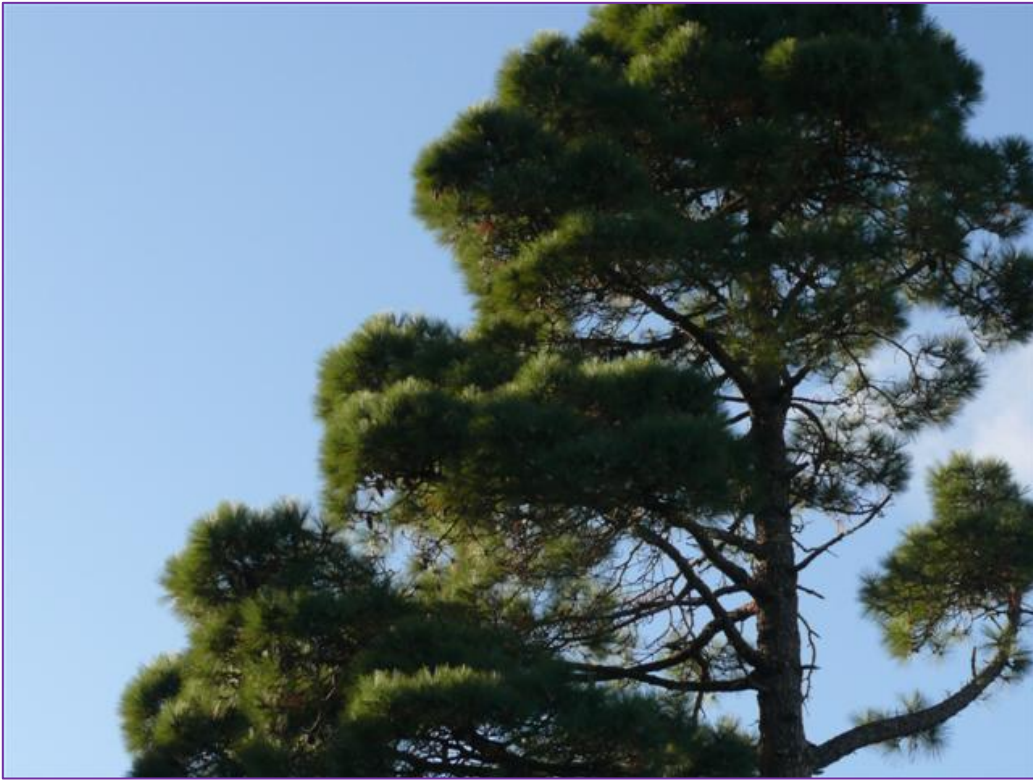


Figure 1, the crown – healthy, well shaped



Figure 2, the tree in context

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Caccia Birch, 130 Te Awe Awe Street				
Tree name	Deodar (<i>Cedrus deodora</i>)				
Location of the tree on the site	On the main lawn, near the entrance				
Owner's name	Caccia Birch Trust				
Date of STEM Assessment	30 March 2011	Inspected by John Wakeling			

Dimensions

Height m: 30	Girth @ 1.4m: 5.18	Spread m: 24
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	27
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 (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	27
Subtotal						126

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	21
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	9
Role	Minor	Moderate	Important	Significant	Major	27
Effect on Climate	Minor	Moderate	Important	Significant	Major	15
Subtotal						81

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	3
Form	Local	District	Regional	National	International	3
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						6

Total Points

213

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Regular, routine deadwood removal					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	Exotic and native collection		
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 score sheet					
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other tree?- less each year	
Foliage Health	Good	Poor, if so, explain				
Limb Structure	Typical or sound	Atypical, if so, explain				
Trunk character	Sound, cylindrical, symmetrical					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	This is arguably the stand-out tree in the whole, magnificent garden					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Continue as currently	Approximately five yearly		
Health					
Safety					
Overhanging b'dry					

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'd 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	Good growth rates, the hole in the canopy left by the felled tree is fading
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Photographs.



Figure 1, the cedar on the main lawn



Figure 2, the tree and the stables



Figure 3, from the stable yard



Figure 4, late on a summer afternoon.

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Caccia Birch, 130 Te Awe Awe Street	
Tree name	Flowering gum (<i>Corymbia ficifolia</i> ; syn. <i>Eucalyptus f.</i>)	
Location of the tree on the site	In the shrubbery below the main lawn	
Owner's name	Caccia Birch Trust	
Date of STEM Assessment	30 March 2011	Inspected by John Wakeling

Dimensions

Height m:	Girth @ 1.4m:	Spread m:
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Condition Evaluation

Points	3	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	21
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	15
Subtotal						96

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	21
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	15
Effect on Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal						69

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	Regular reduction of end weight, one large branch fell several years ago.					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	Exotic and native collection		
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 score sheet					
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				
Trunk character	Sturdy, cylindrical.					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	The species is noted for the brilliance of its mid-summer blossoms (about a month later). The downside is the great weight of the seed pods they produce; these are persistent and can cause breakage of quite large branches.					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity					
Health	routine	Remove end weight caused by seed cases	5 yearly		
Safety					
Overhanging b'dry					

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'd 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	Bigger and better
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Photographs.



Figure 1, the tree in its context (mid right)



Figure 2, the tree in the shrubbery



Figure 3, the crown



Figure 4, seed capsules

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Caccia Birch, 130 Te Awe Awe Street	
Tree name	Irish yew (<i>Taxus baccata</i> 'Fastigiata')	
Location of the tree on the site	On the perimeter walk, below the tulip tree.	
Owner's name	Caccia Birch Trust	
Date of STEM Assessment	30 March 2011	Inspected by John Wakeling

Dimensions

Height m: 14	Girth @ 1.4m: many side trunks/branches	Spread m: 5
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Condition Evaluation

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	Useful	Important	Significant	Major	15
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	9
Subtotal						114

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	21
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	3
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	15
Effect on Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal						57

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

171

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	None for many years				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Exotic and native collection	
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 score sheet				
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain	This clone of yew is prized for its dense, upright growth. This specimen is a good example.		
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	No defined trunk				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	A good specimen.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity		No action needed apart from occasional pruning when a branch falls out of line			
Health					
Safety					
Overhanging b'dry					

There are two Irish yews standing close together. The tree described above is in good health. Its neighbour, no more than a few metres away appears to be dying – defoliation, shrivelling of the twigs and all happening within a period of three growth seasons. If the tree is left in this state, the dieback will continue and death of the whole tree will result.

I have seen a similar occurrence in the UK, where, as a last resort, the owners cut the tree hard back to a naked stump of about 1.5m high. Residual reserves managed to start off a flush of new growth, which continued to grow well. I recommend this course of action for this tree. We have little to lose, if, after a year's waiting, nothing has happened, the stump can be removed.

Changes noticed in last five years	changes in growth only
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Photographs.



Figure 1, not a good photo of the protected Irish yew,



Figure 2, the crown of the dying tree



Figure 3, the two trees

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Caccia Birch, 130 Te Awe Awe Street	
Tree name	Tulip tree (<i>Liriodendron tulipifera</i>)	
Location of the tree on the site	Close to the house at the left of the entrance	
Owner's name	Caccia Birch Trust	
Date of STEM Assessment	30 March 2011	Inspected by John Wakeling

Dimensions

Height m: 18	Girth @ 1.4m: 5.1	Spread m: 25
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Condition Evaluation

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	21
Function	Minor	Useful	Important	Significant	Major	15
Age (years)	10+	20+	40+	80+	100+	27
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	15
Subtotal						114

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	21
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	27
Effect on Climate	Minor	Moderate	Important	Significant	Major	15
Subtotal						87

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	3
Form	Local	District	Regional	National	International	3
Historic						
Age 100+	Local	District	Regional	National	International	3
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						9

Total Points

210

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Routine deadwooding				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Exotic and native collection	
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 score sheet				
Crown Shape	Typical	Atypical	Wide, spreading, low crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain	Some wind-burnt leaves on windward side		
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	Short, stout, buttressed				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	There could be some compaction around the root plate. This could be topdressed with soil (wood chip mulch would suffice, but the slope would make it difficult to retain in place.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	Routine	Continue with regular maintenance	Five yearly		
Health	If funds available	Consider top dressing with topsoil to about 50mm			
Safety					
Overhanging b'dry					

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'd 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	Growing well
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Photographs.



Figure 1, the tree from the perimeter walk



Figure 2, the tree from the stable yard



Figure 3, from the main driveway



Figure 4, across the main lawn



Figure 5



Figure 6, framing the view

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Caccia Birch, 130 Te Awe Awe Street	
Tree name	<i>Wisteria floribunda</i> or <i>W. Sinensis</i> a 30m pergola	
Location of the tree on the site	Exiting onto Caccia Birch Lane	
Owner's name	Caccia Birch Trust	
Date of STEM Assessment	30 March 2011	Inspected by John Wakeling

Dimensions

Height m: 3	Girth @ 1.4m: many plants	Spread m: 30
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	27
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	3
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+ (measured in length)	27
Subtotal						102

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	9
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	9
Role	Minor	Moderate	Important	Significant	Major	15
Effect on Climate	Minor	Moderate	Important	Significant	Major	21
Subtotal						81

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

183

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Every two years or so				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Exotic and native collection	
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 A rampant climber
Form	Refer to STEM score sheet				
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected pruning by
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	The trunks are twining around the supporting pergola posts				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	This should become a favourite visitor attraction if it continues to be properly cared for				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	vital	High degree of correct pruning at the end of every flowering season	Annually – never longer than every two years		
Health					
Safety					
Overhanging b'dry					

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'ded 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	Vigorous growth
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NCHIF_Notable_Tree_Natural_Heritage_Notable_Tree_Review_2011_Cacia_Birch_Wisteria_pergola_(1050189)

No Photographs.

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Centennial Drive, 3 gums	
Tree name	Three <i>Eucalyptus</i> (species unknown) (now only two trees)	
Location of the tree on the site	On the roadside berm, close to the entrance to the Golf Club	
Owner's name		
Date of STEM Assessment	10 May 2011	Inspected by John Wakeling

Dimensions

Height m: to 24	Girth @ 1.4m: to 5.5m	Spread m: together 36
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Condition Evaluation

Points	3	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	9
Age (years)	10+	20+	40+	80+	100+	15
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	21
Subtotal						90

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	15
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	21
Subtotal						99

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

189

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Frequent removal of dead and broken branches				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Roadside berm	
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 score sheet				
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			
Trunk character					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent? Almost certainly present.	Hard surface, if so, explain: road surface
Comments	<p>There used to be a group of three trees; one fell over and the remaining trees are becoming something of a nuisance – one tree is suppressing the growth of two totara trees and the other is starting to shed branches.</p> <p>It is timely to consider removal of both trees and to plan for some replacement trees.</p>				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity					
Health					
Safety		Remove the trees.			
Overhanging b'dry					

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'd 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. One tree has fallen down.
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Photographs.



Figure 1, larger of the two gum trees, with stump in foreground



Figure 2, stump of fallen tree.



Figure 3, The two gums



Palmerston North City Council.

Notable Tree Survey March 2011

Address	20 Centennial Drive
Tree Name	Group of native Trees
Location of Tree(s) on Site	at the rear of the property
Owners' Name	
Date of Inspection	10 March 2011

NEW TREE PROPOSED BY: Mr. N. Foot

COMMENTS/REASON FOR PROPOSAL: a pleasant group of trees.

ASSESSORS' NOTES: these trees are attractive and representative of many types of NZ forest.

They are only a few years old and are not suitable to put on the list of notable trees.

Mrs. Foot alerted me to a number of relict totara trees from the original lagoon vegetation, in a property nearby at no 28 Centennial Drive.

I would need a letter of introduction to the property (which has recently changed hands)

No photos

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	Kelvin Grove Cemetery				
Tree name	Pin oak (<i>Quercus palustris</i>)				
Location of the tree on the site	Hundred metres from the crem, close to northern boundary				
Owner's name	PNCC				
Date of STEM Assessment	11 May 2011		Inspected by John Wakeling		

Dimensions

Height m: 26	Girth @ 1.4m: 2.8	Spread m: 16
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	21
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	27
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	15
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	21
Subtotal						102

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	3
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	9
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	21
Subtotal						81

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

183

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Major repair to the upper crown following storm damage 10 years ago.					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe) open cemetery		
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 score sheet					
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				
Trunk character	Well shaped, cylindrical					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	<p>The tree is much larger than it appears at first sight – presumably because of the scale of the site.</p> <p>The stand of eucalyptus trees to the NE of the tree have been felled recently – there is a chance that this new exposure might leave the tree prone to more storm damage.</p> <p>Many of the trees in the cemetery are looking rather poorly. Reasons? Suspect that the exposed nature of the site might be a factor, also poor drainage in some places, and suspected herbicide residual damage</p>					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Deadwood and crown lift as required.	Five yearly		
Health					
Safety					
Overhanging b'dry					

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'd 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

Photographs.



Figure 1. Pin oak at Kelvin Grove



Figure 2.

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	106 Victoria Avenue	
Tree name	London Plane (<i>Platanus x hispanica</i>)	
Location of the tree on the site	Middle of Milverton Park	
Owner's name		
Date of Inspection	31 March 2011	Inspected by John Wakeling

Dimensions

Height m: 27	Girth @ 1.4m: 4.3	Spread m: 27
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	27
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	27
Function	Minor	Useful	Important	Significant	Major	15
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	27
Subtotal						126

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	15
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	15
Subtotal						93

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	3
Form	Local	District	Regional	National	International	3
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						6

Total Points

225

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History						
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Public Park		
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 crown	Influenced by wind	Affected by other trees	
Foliage Health	Good	Poor, if so, explain				
Limb Structure	Typical or sound	Atypical, if so, explain				
Trunk character	Straight, short, stable, grounded					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	An immensely large and healthy tree. The branches are heavily loaded, but show no sign of weakness. While drastic pruning is not expected, London planes are tolerant of all types of pruning practices.					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	-				
Health	-				
Safety	routine	Deadwood removal,	Now, thereafter 5 yearly. Monitor branch stability annually		
Overhanging b'dry	-				

Standard procedures	Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'dned 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

Photographs.



Figure 1. Inside the crown



Figure 2. In its setting



Figure 3. the bole

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	On road reserve outside 9 Pastoral Lane	
Tree name	<i>Ginkgo biloba</i>	
Location of the tree on the site	On the road reserve, front of no. 9.	
Owner's name	PNCC	
Date of Inspection	31 March 2011	Inspected by John Wakeling

Dimensions

Height m: 15	Girth @ 1.4m: 3.54	Spread m: 21
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Condition Evaluation

Points	3	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	21
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	15
Subtotal						96

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	9
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	27
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	15
Subtotal						99

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

195

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	No major work for many years.				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Road reserve	
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 sound	or Atypical, if so, explain			
Trunk character	Rugged looking bark. Well shaped trunk and buttresses				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	The landscape around the tree has been extensively modified over the last 12 years, but he tree appears to have been unaffected by all the changes.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Shorten lower limbs, raise crown as needed	Every 5 years		
Health	-				
Safety	-				
Overhanging b'dry	As requested	Reduce width of limbs	As above		

Standard procedures	Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'ded 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

Photographs.



Figure 1. healthy crown, minor wind shaping



Figure 2 Tree in the landscape

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	130 Te Awe Awe Street	
Tree name	3 Elms (<i>Ulmus procera</i>), one oak (<i>Quercus robur</i>)	
Location of the tree on the site	On Council berm, entrance to Caccia Birch Lane	
Owner's name		
Date of STEM Assessment	30 March 2011	Inspected by John Wakeling

Dimensions

Height m: to 27	Girth @ 1.4m:	Spread m:
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Condition Evaluation

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

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	
Role	Minor	Moderate	Important	Significant	Major	
Effect on Climate	Minor	Moderate	Important	Significant	Major	
Subtotal						0

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

0

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History						
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	Exotic and native collection		
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 score sheet					
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				
Trunk character						
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments						

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity					
Health					
Safety					
Overhanging b'dry					

Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'd 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



Figure 1. group of thre elm and one oak

Photographs.



Figure 2, broken limb – this will increase in proportion to the trees' size and age, crown reduction can help reduce frequency.



Figure 3. the group



Figure 4



Figure 5, a landmark grouping



Figure 6, see 5, above