

STEM Evaluation for Wanganui Protected Trees

Tree Number 3 – *Metrosideros robusta*

(Northern Rata)

Native

Location: 36 Parsons Street

Assessed by: Marc Higgle, Consultant Arborist, 4 April 2013

History:

None known at this stage.

Visual Comments:

- Majestic and stunning tree with great “open grown” form. Nicely multi-leadered.
- On property side there is a good garden bed protecting the root plate.
- Some fair sized deadwood present, fairly typical.
- Roots uplifting footpath somewhat. 400v power lines are permanently rubbing on a large limb.
- A trench has been dug some years ago to access/install phone cabling 1.5m from trunk.
- Plaque growing in.
- Similar age and positioning as tree #7; could this have been one of Mrs Marshall-White’s row as outlined in the history for tree #7? It may have been mistaken for a pohutukawa when it was a seedling.

Recommendations:

- A power line clearance needs to be done urgently as this is quite a safety risk for the residents and also public using the footpath.
- Reposition plaque.
- A deadwood and light crown tidy prune would freshen up the tree.

Tree # 3 *Metrosideros robusta*
Full Tree Evaluation Score Sheet

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 (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+	27 15
Visibility (km)	0.5	1.0	2.0	4.0	8.0	9
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	21
Role	Minor	Moderate	Important	Significant	Major	15
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						69

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						3
• Form						9
Historic						
• Age 100+						9
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						21
Total Points						201







STEM Evaluation for Wanganui Protected Trees

Tree Number 7 – *Metrosideros excelsa*

(Pohutukawa)

Native

Location: 40 Parsons Street

Assessed by: Marc Higgie, Consultant Arborist, 4 April 2013

History:

The 1937 Historic Society's report on Wanganui trees states: "There is a row of great pohutukawas, planted by Mrs Marshall-White over 40 years ago, with their aerial roots now growing from the branches. This tree may be the sole survivor of this row, and the only tree left from one of the outstanding early gardens in Wanganui." – 1988 assessment.

Visual Comments:

- This is a large and impressive tree.
- It is situated on the corner of the road meaning the asphalt covers approximately 75% of the tree.
- It has a large basal mass but the aerial roots are very dense in the lower unions and these have been hedged back to clear the footpath, so it is not possible to see the lower trunks.
- Roots are lifting the footpath a little.
- There are some broken stubs that should be tidied and a formative prune would tidy the tree up.
- There is a major safety risk posed to the residents and also users of the footpath. There are some major branches rubbing permanently on the 400v power lines. The tree will lose it's well balanced shape due to such large branches being removed.
- There is some ivy and asparagus vine growing from the base of the tree. I met with the owners and we discussed ways to remove these weeds.

Recommendations:

- Power line clearance- prune is a high priority and must be carried out for safety reasons.
- While the work is being carried out the broken stubs could be tidied and a light formative prune be given.



Tree # 7 *Metrosideros excelsa*
Full Tree Evaluation Score Sheet

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	21
Function	Minor	Useful	Important	Significant	Major	15
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	27
Subtotal Points						93

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	21
Role	Minor	Moderate	Important	Significant	Major	15
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						63

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						3
• Form						3
Historic						
• Age 100+						39
• Association						9
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						24
Total Points						180





400v power lines rubbing on large branches.



STEM Evaluation for Wanganui Protected Trees

Tree Number 21 – *Podocarpus totara*

(Totara)

Native

Location: Road Reserve Rawhiti Place (end of road)

Assessed by: Marc Higgie, Consultant Arborist, 4 April 2013

History:

"Planted about 1880 by Mrs John W. Peake (nee Lucy Garner), daughter of prominent settler." – Newspaper article, January 23, 1960.

Visual Comments:

- Lovely big 'open grown' tree.
- Two main trunks at 3-4m.
- Other lower branches are of a large diameter.
- One large limb on the house side has partial dieback.
- Fairly recent drive sealing/concreting on both sides of tree and re-curbng and resealing of the cul-de-sac in front of the tree may be contributing to the dieback.
- A large pruned root evident beside new concrete driveway of #9. Some decay present.
- Canopy healthy otherwise.

Recommendations:

- Remove dieback and assess at the time of pruning as to complete removal of affected branch.



Tree #21 *Podocarpus totara*
Full Tree Evaluation Score Sheet

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	15
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	27
Subtotal Points						87

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	21
Role	Minor	Moderate	Important	Significant	Major	15
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						63

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						3
• Form						3
Historic						
• Age 100+						9
• Association						9
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						24
Total Points						174





STEM Evaluation for Wanganui Protected Trees

Tree Number 29 – *Fagus sylvatica* 'Purpurea'

(Copper Beech)

Exotic

Location: 6 Leonard Street

Assessed by: Marc Higgle, Consultant Arborist, 11 June 2013

History:

None known at this stage although Marty (owner of property) thought the property used to be stables for one of the neighbouring properties.

Visual Comments:

- An interesting tree, it has lost its balanced shape, it would once have had, when two leaders were removed to build a tree hut approximately 1.5m up. The tree is lop-sided now.
- The pruning cuts on the affected leaders were very poor and multi-angled.
- There are five leaders from 1-3.5m high. All but one has good attachments. The other has a partial inclusion but there is no sign of movement and it appears secure.
- The plaque is growing in.
- The tree has great root flare all around and is well positioned in relation to buildings.
- The root plate is largely unhindered and surrounded by lawn.
- There is a pole attached which is beginning to grow in and should be removed or given a bit of free play to get it off the tree.
- A rope swing has been attached on an outer branch. The rope has now grown in and could cause a branch failure at this point.
- There are other poor pruning cuts and others that have calloused and sealed nicely.

Recommendations:

- Replace the plaque.
- The tree could have a light crown thin/formative prune but this is not a necessity.



Tree # 29 *Fagus sylvatica* 'Purpurea'
Full Tree Evaluation Score Sheet

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	15
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	21
Subtotal Points						87

Amenity Evaluation

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	27
Role	Minor	Moderate	Important	Significant	Major	15
Climate	Minor	Moderate	Important	Significant	Major	21
Subtotal Points						75

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						3
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						3
Total Points						165





Branch inclusion



STEM Evaluation for Wanganui Protected Trees

Tree Number 86 – *Quercus robur*

(English Oak)

Exotic

Location: 12 Tulloch Street

Assessed by: Marc Higgie, Consultant Arborist, 4 April 2013

History:

None known at this stage.

Visual Comments:

- Would have been an impressive tree but two large failures and significant pruning have disfigured the tree.
- It has lost its apicalness and is now spreading/sprawling.
- A lot of wood has been removed and the remaining canopy is sparse.
- Has had some ivy removed.
- Newish sealed driveway and the loss of canopy may both be contributing to poor health.
- Large cavity at base with some decay.
- The tree was pruned prior to the more recent prune. Both prunes have good pruning cuts.

Recommendations:

- Monitor for tree decline.



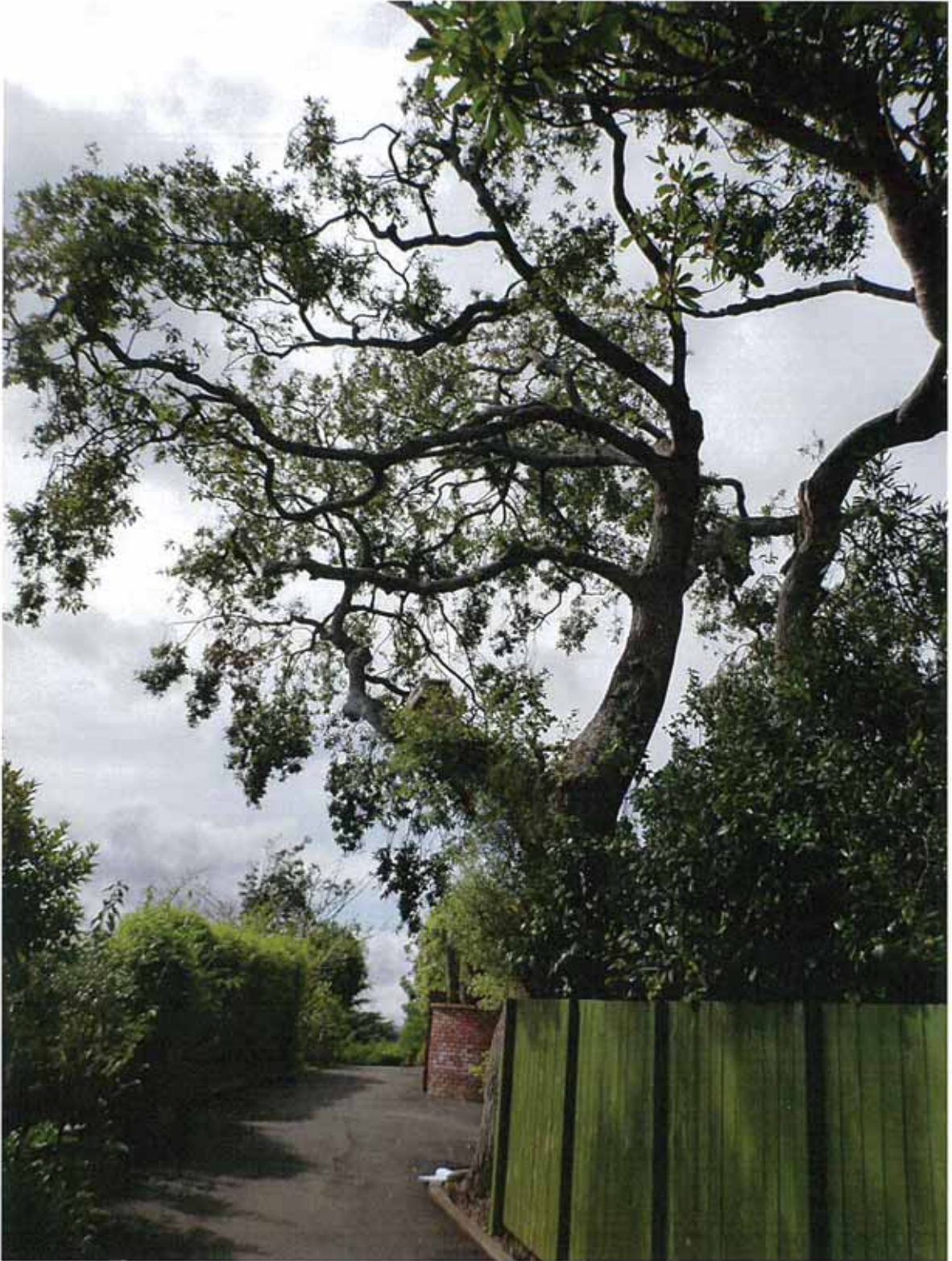
Tree # 86 *Quercus robur*
 Full Tree Evaluation Score Sheet

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

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	21
Role	Minor	Moderate	Important	Significant	Major	9
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						57

Notable Evaluation						
Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						3
• Form						3
Historic						
• Age 100+						3
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						9
Total Points						135







STEM Evaluation for Wanganui Protected Trees

Tree Number 87 – *Quercus robur*

(English Oak)

Exotic

Location: 12 Tulloch Street

Assessed by: Marc Higgle, Consultant Arborist, 4 April 2013

History:

None known at this stage.

Visual Comments:

- Large tree with good network of branches.
- Two leadered from 3m.
- Canopy is very sparse on west side and there has been a considerable amount of wood removed. There has been an *Araucaria heterophylla* (Norfolk Pine) removed nearby which could have been growing through this side of the oak and caused some damage being removed that necessitated the pruning of the oak.
- The pruning cuts and points are mostly of good quality.
- There is some epicormic growth on the branches below the pruned limbs. This is due to increased light promoting adventitious bud growth.
- There is a good amount of garden around the root plate of the tree. Some of it is used to store bricks, firewood and a trailer.
- The roots of the Norfolk pine are very evident and appear to have been girdling the oak to some degree.
- There is a staghorn fern (*Platycterium sp.*) and a native orchid (*Earina autumnalis*) growing in the lower branch unions. These are not detrimental to the oak.

Recommendations:

- Monitor the health of the oak and especially canopy health/density.

Tree # 87 *Quercus robur*
 Full Tree Evaluation Score Sheet

Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	15
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	27
Subtotal Points						75

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	21
Role	Minor	Moderate	Important	Significant	Major	9
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						63

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						3
• Form						5
Historic						
• Age 100+						3
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						9
Total Points						147

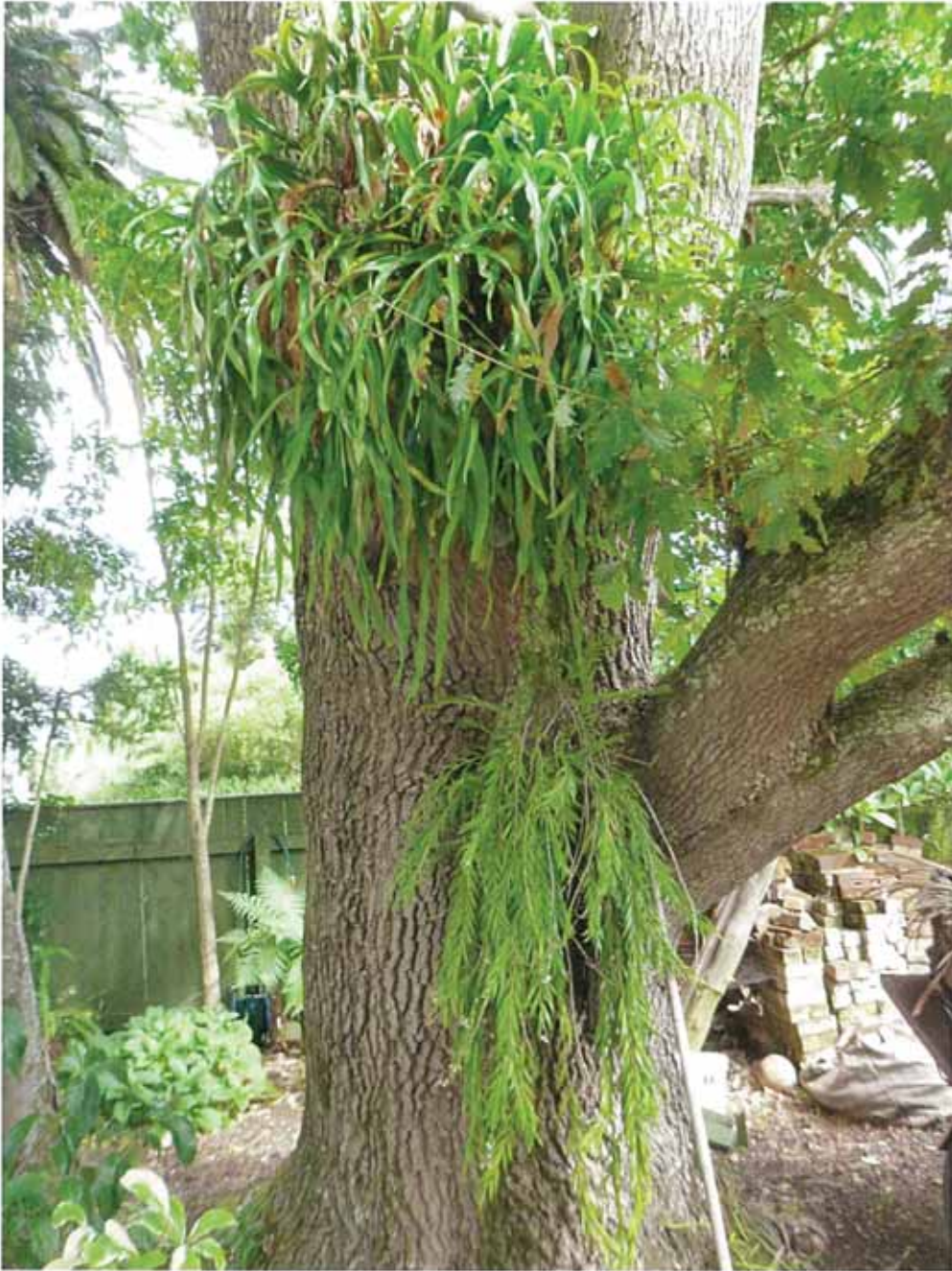


Fairly recent branch reductions on one side of canopy.



Araucaria heterophylla (Norfolk pine) roots girdling the oaks trunk.





Platycerium sp. (above) and *Earina autumnalis* (below) growing in lower branch unions of oak.

STEM Evaluation for Wanganui Protected Trees

Tree Number 89 – *Juglans regia*

(Walnut, English Walnut)

Exotic

Location: 40A Brassey Road

Assessed by: Marc Higgle, Consultant Arborist, 22 May 2013

History:

None known at this stage.

Visual Comments:

- The tree is a nice and compact specimen.
- Three leadered from 1metre but all branches have good attachments and the tree has good internal structure.
- Multiple old pruning wounds are callousing nicely although they all have decay and cavities forming.
- There many invertebrates in these cavities.
- There is a good crop of medium sized nuts present.
- There is good room around it and nothing to cause any major damage.
- Lawn covers 80% of the root plate. There is no damage to the buttresses and there is a good clearance left around the trunk which has been left to grow. Garlic grass presently covers this area.
- It will provide good shade and it is situated so that it only blocks some morning sun.
- There is a karaka (*Corynocapus laevigatus*) and taupata (*Coprosma repens*) growing up into one side of the walnut which could be removed and reduced to enhance a well-balanced tree.

Recommendations:

- Removal of the karaka and reduction of the taupata would encourage and continue a well-balanced tree.



Tree #89 Juglans regia
Full Tree Evaluation Score Sheet

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 (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	21
Subtotal Points						81

Amenity Evaluation

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	9
Subtotal Points						51

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						3
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						3
Total Points						135



STEM Evaluation for Wanganui Protected Trees

Tree Number 90 – *Quercus robur*

(English Oak)

Exotic

Location: Corner of Great North Road and Virginia Road

Assessed by: Marc Higgie, Consultant Arborist, 4 April 2013

History:

No history known at this stage.

Visual Comments:

- Great structured tree. Great network of branches.
- Heavy acorn crop present.
- Memorial seat built very close to base of trunk, may be an issue, in 15 years or more, when the trunk grows.
- Good clearance from 1100Kv and 400v power lines.
- Past pruning wounds sealing nicely.



Tree # 90 *Quercus robur*
 Full Tree Evaluation Score Sheet

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	15
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	27
Subtotal Points						81

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	9
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	27
Role	Minor	Moderate	Important	Significant	Major	9
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						69

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						3
• Form						9
Historic						
• Age 100+						9
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						21
Total Points						181



STEM Evaluation for Wanganui Protected Trees

Tree Number 91 – *Quercus robur*

(English Oak)

Exotic

Location: 165a Great North Road

Assessed by: Marc Higgle, Consultant Arborist, 24 June 2013

History:

None known at this stage.

Visual Comments:

- This row of eight trees is situated on the boundary and function as noise pollution and vehicle pollution filters. They also shelter the property.
- They all have some deadwood present within the canopy.
- Most of them have ivy and asparagus vine growing at their base. This has been cut off the tree when it starts growing up the trunk.
- The trees have been planted too close together to achieve well balanced mature trees and some have thus been suppressed by the more dominant.
- All trees have very healthy and undamaged lower trunks and root-plates.

Tree 1:

- A multi-leadered tree from 1.5m.
- There are some old pruning wounds but no cavities or decay.

Tree 2:

- The tree has a large trunk diameter at ground level.
- It is multi-leadered from 3m.
- It has a healthy canopy although there are some large branches rubbing against each other.

Tree 3:

- This tree is very short and spindly and is being pushed out by Tree 2.
- There are the beginnings of two cavities on the lower trunk.

Tree 4:

- This is a well-shaped tree being pushed out by a large multi-leadered totara on the roadside.
- There are poor pruning cuts from lifting branches off the garden. This has left stubs that are dying back.

Tree 5:

- This is a well-shaped and structured tree growing on a lean from 7m.
- It is single-leadered.
- There are some stubs and deadwood present in the canopy.
- Some lower branches are slightly obstructing a road sign.

Tree 6:

- This tree is spindly and growing on a lean from being suppressed by its neighbours.

Tree 7:

- This is an impressive tree situated at the entrance to the property.
- The tree has great structure and is in excellent health.
- The canopy is heavier over the road.
- This is easily the best tree in this group.

Tree 8:

- This tree has great character.
- Its trunk has grown twisted because it has been suppressed by Tree 7.
- It would benefit from a light crown thin.

Recommendations:

- All of the trees would benefit from a deadwood and formative prune.
- Tree 5 should be pruned off the road sign that it is obstructing.



Trees 8 (left) and 7.

Tree #91 Quercus robur 1/8
 Full Tree Evaluation Score Sheet

Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	9
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	15
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	21
Subtotal Points						75

Amenity Evaluation

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	15
Role	Minor	Moderate	Important	Significant	Major	9
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						45

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						0
Total Points						120

2/8

Full Tree Evaluation Score Sheet

Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	9
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	15
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	21
Subtotal Points						75

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	15
Role	Minor	Moderate	Important	Significant	Major	9
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						51

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						0
Total Points						126

3/8

Full Tree Evaluation Score Sheet

Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	3
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
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						51

Amenity Evaluation

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	15
Role	Minor	Moderate	Important	Significant	Major	3
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points						33

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						0
Total Points						84

4/8

Full Tree Evaluation Score Sheet

Condition Evaluation

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

Amenity Evaluation

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	15
Role	Minor	Moderate	Important	Significant	Major	3
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points						33

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						0
Total Points						102

5/8
Full Tree Evaluation Score Sheet

Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	15
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	15
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	21
Subtotal Points						81

Amenity Evaluation

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	15
Role	Minor	Moderate	Important	Significant	Major	9
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						45

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						0
Total Points						126

6/8

Full Tree Evaluation Score Sheet

Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	9
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	21
Subtotal Points						63

Amenity Evaluation

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	15
Role	Minor	Moderate	Important	Significant	Major	3
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						39

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						0
Total Points						102

7/8

Full Tree Evaluation Score Sheet

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	21
Function	Minor	Useful	Important	Significant	Major	15
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	21
Subtotal Points						87

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	15
Role	Minor	Moderate	Important	Significant	Major	15
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						57

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						3
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						3
Total Points						147

8/5 Full Tree Evaluation Score Sheet

Condition Evaluation

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

Amenity Evaluation

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	15
Role	Minor	Moderate	Important	Significant	Major	15
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						51

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						0
Total Points						120





Tree 8 (left) and Tree 7.

From left: Tree 5, 6, 7 and 8 (obscured).



From left: Trees 1, 2, 3 and 4.

From left: Trees 1, 2, 3 and 4.



Showing Tree 3's lean in relation to Tree 2 (left).

STEM Evaluation for Wanganui Protected Trees

Tree Number 92 – *Metrosideros excelsa*

(Pohutukawa)

Native

Location: 193 Great North Road

Assessed by: Marc Higgie, Consultant Arborist, 7 May 2013

History:

None known at this stage.

Visual Comments:

- Well shaped Pohutukawa with a great network of leaders and branches.
- Good garden and further out, lawn, protecting the root-plate.
- There are remnants of an old tree hut attached in the lower branch unions.
- There are lots of aerial roots in the main union.
- There are some past small branch failures and a hanger above the footpath.
- The tree is encroaching on the service lines but only needs a minor prune to get good clearance.

Recommendations:

- Clear service lines.
- Remove hanger.
- Thinning out some of the lower epicormic growth and a light footpath lift is not a priority but could be done at the same time as line clearance.



Tree # 92 *Metrosideros excelsa*
 Full Tree Evaluation Score Sheet

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	21
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	21
Subtotal Points						81

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	21
Role	Minor	Moderate	Important	Significant	Major	9
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						57

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						9
Historic						
• Age 100+						
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						9
Total Points						177



STEM Evaluation for Wanganui Protected Trees

Tree Number 120 – *Fagus sylvatica* 'Purpurea'

(Copper Beech)

Exotic

Location: 59 Great North Road

Assessed by: Marc Higgie, Consultant Arborist, 7 May 2013

History:

None known at this stage.

Visual Comments:

- Impressive triple leadered tree.
- Huge trunk diameter.
- The tree is reasonably short, probably due to wind exposure.
- It is growing within 0.5m of the drive on one side.
- Some branches are rubbing on each other which could be removed but is not a concern.
- There are some smaller dead branches lower over the drive.
- There is some bamboo growing around it.

Recommendations:

- Tidy up rubbing branches and deadwood. This is not a priority.



Tree #120 *Fagus sylvatica* 'Purpurea'
 Full Tree Evaluation Score Sheet

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 (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	27
Subtotal Points						81

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	21
Role	Minor	Moderate	Important	Significant	Major	9
Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						57

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						3
• Form						9
Historic						
• Age 100+						9
• Association						
• Commemoration						
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						21
Total Points						159



