

Tree Survey Report 2019

The Warren

South Harting

1.0 Introduction

- 1.1 Trees and shrubs are living organisms, the health, condition and safety of which can change rapidly. Trees should be checked on a regular basis, preferably at least once a year; conclusions and recommendations in this report are valid for a period of 1 year. This period of validity may be reduced in the event of any change in conditions in proximity to the trees or after severe weather events.
- 1.2 Trees protected by a tree preservation order should not be worked on without first gaining any necessary permission, or if in a conservation area giving six weeks notice of the intended works to the local planning authority.

2.0 Instructions

- 2.1 I have been instructed by the Clerk to Harting Parish Council to complete a hazard survey of trees within the areas known as the South Gardens and The Warren, South Harting. Areas to be included in the survey have been shaded red on a supplied copy of the deed map and paths around the south garden ponds on an annotated ordnance survey map dated 05/07/2017. The survey report should include:
- remedial tree work recommendations
 - a map showing approximate position of individually numbered trees
 - a schedule listing details of individually surveyed trees.

3.0 Methodology

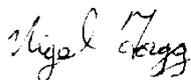
- 3.1 Visited on: 11th/12th February 2018
By: Nigel Fagg Dip. Arb.(RFS), ND Arb., M.Arbor.A., Cert. Ed., Tech. IOSH.
- 3.2 The areas were accessed on foot to conduct a visual tree assessment from ground level.
- 3.3 Only those Ash trees within falling distance of the public highway (B2146) were individually surveyed and tagged. The approximate position of tagged trees is shown on the tree survey map ref: *The Warren TS June 2019* dated 02/07/2019. Aluminium numbered tree tags were attached to the western side of tree stems, where accessible, at approximately 1.8m; tags have also been emphasised with yellow paint spots.

4.0 Tree Schedule

- 4.1 Information relating to individually numbered trees is recorded on the attached tree schedule, appendix 1.
- 4.3 An explanation of the terms and abbreviations used in the survey schedule is included at appendix 2.

5.0 Discussion and Management Recommendations

- 5.1 The tree schedule provides recommendations for individually tagged and numbered trees.
- 5.2 All Ash trees within the site appeared to be affected by Ash Dieback Disease (ADB). The number of trees displaying symptoms has substantially increased since my last survey in March 2018. The severity of crown dieback has also increased, those showing early symptoms during March 2018 now being significantly defoliated and those that had no obvious symptoms now showing at least partial defoliation.
- 5.3 Ash trees are the dominant species bordering public footpaths that run approximately north south through the site that link to the South Downs Way. The greater risk from Ash tree failures is to highway users along the B2146 but the public footpaths through the site appear to be well used and risks to pedestrians need to be considered.
- 5.4 Continued decline of the Ash tree population is to be expected in the next 12 to 24 months. Targeted removal of only the worst affected trees will be technically more difficult and further removals are expected to be necessary within 12 months. Removal of all Ash trees as soon as reasonably practical will provide a comprehensive, safe and economic resolution.
- 5.5 In addition to the individually surveyed trees a programme to remove all Ash trees within the site should be implemented. Further deterioration in tree condition and onset of secondary decay increases the risk of tree failure events and will also present additional risks to contractors engaged to undertake tree removals.



Nigel Fagg Dip. Arb.(RFS), ND Arb., M.Arbor.A., Cert. Ed., Tech. IOSH
2nd July 2019

Tree Survey Schedule South Gardens and The Warren, South Harting

Tree No.	Common Name	Stems	Height (m)	Stem Diam. Class	Crown Radius (m)	Adjacent Features	Life Stage	Condition					Comments	Recommendations
								Overall	Branches	Leaf/Buds	Roots	Stem		
1896	Common Ash	1	18	Medium	8	Public Highway	Mature	Poor	Minor dead wood	50% dead / absent	No visual defects	Old pruning wounds		Fell to ground level
1897	Common Ash	1	20	Medium	16	Public Highway	Mature	Poor	Minor dead wood	25% dead / absent	No visual defects	No visual defect	ADB symptoms; majority of crown towards highway.	Fell to ground level
1898	Common Ash	4	15	Small	8	Public Highway	Mature	Fair	Minor dead wood	Small / sparse	No visual defects	Leaning	Early ADB symptoms; leans towards highway.	To 0.5m stumps
558	Common Ash	1	20	Large	11	Public Highway	Mature	Poor	Minor dead wood	25% dead / absent	No visual defects	Leaning	ADB symptoms; leans towards & overhangs highway. Consider felling as part of other works.	Fell to ground level
559	Common Ash	1	20	Medium	10	Public Highway	Mature	Poor	Minor dead wood	50% dead / absent	No visual defects	Leaning	ADB symptoms; leans towards and overhangs highway.	Fell to ground level
1900	Common Ash	1	21	Medium	14	Public Highway	Mature	Fair	Minor dead wood; Epicormic growths	Small / sparse	No visual defects	Leaning	Leans towards and overhangs highway. Early ADB symptoms; consider removal as part of other works.	Fell to ground level
1901	Common Ash	1	21	Medium	8	Public Highway	Mature	Fair	Minor dead wood	Small / sparse	No visual defects	No visual defect	Early ADB symptoms; consider removal as part of other works.	Fell to ground level
1902	Common Ash	1	14	Small	7	Public Highway	Semi-mature	Poor	Minor dead wood	50% dead / absent	No visual defects	Leaning	Small suppressed tree with severe lean towards highway.	Fell to ground level
1903	Common Ash	1	21	Medium	8	Public Highway	Mature	Fair	Minor dead wood	Small / sparse	No visual defects	No visual defect	Early ADB symptoms; consider removal as part of other works.	Fell to ground level
1904	Common Ash	1	22	Large	14	Public Highway	Mature	Fair	Minor dead wood	Small / sparse	No visual defects	No visual defect	Overhangs highway. Early ADB symptoms; consider removal as part of other works. Remove small stems near base.	Fell to ground level
1905	Common Ash	1	21	Medium	8	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead / absent; Small / sparse	No visual defects	No visual defect		Fell to ground level
1906	Common Ash	1	20	Medium	10	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	50% dead / absent; Small / sparse	No visual defects	Leaning	ADB symptoms; leans towards and overhangs highway.	Fell to ground level

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1907	Common Ash	1	22	Medium	10	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead / absent	No visual defects	No visual defect		Fell to ground level
1908	Common Ash	1	20	Medium	10	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	Leaning	Severe lean towards highway.	Fell to ground level
1910	Common Ash	1	22	Medium	14	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Overhangs highway.	Fell to ground level
1911	Common Ash	1	22	Medium	15	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect		Fell to ground level
1912	Common Ash	1	22	Medium	16	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	ADB symptoms; majority of crown towards highway.	Fell to ground level
1913	Common Ash	1	22	Medium	17	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Early ADB symptoms; leans towards highway.	Fell to ground level
1914	Common Ash	4	12	Small	8	Public Highway	Semi-mature	Poor	Minor dead wood	50% dead / absent	No visual defects	Multi stemmed	ADB symptoms; leans towards & overhangs highway. Consider felling as part of other works.	Coppice to 0.5m stumps
1915	Common Ash	1	16	Small	6	Public Highway	Mature	Fair	Minor dead wood	25% dead / absent	No visual defects	Leaning	ADB symptoms; leans towards and overhangs highway.	Fell to ground level
1899	Common Ash	1	22	Various	10	Public Highway	Mature	Poor	Minor dead wood	All dead / absent	No visual defects	No visual defect	Leans towards and overhangs highway. Early ADB symptoms; consider removal as part of other works.	Fell to ground level
1916	Common Ash	2	22	Medium	9	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	All dead / absent	No visual defects	No visual defect	Early ADB symptoms; consider removal as part of other works.	Fell to ground level

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1917	Common Ash	1	22	Medium	8	Public Highway	Mature	Fair	Minor dead wood	50% dead / absent	Fungus or decay; Soil heave	No visual defect	Small suppressed tree with severe lean towards highway.	Fell to ground level
1918	Common Ash	1	20	Small	6	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Early ADB symptoms; consider removal as part of other works.	Fell to ground level
1919	Common Ash	1	22	Medium	14	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	All dead / absent	No visual defects	No visual defect	Overhangs highway. Early ADB symptoms; consider removal as part of other works. Remove small stems near base.	Fell to ground level
1920	Common Ash	2	20	Small	7	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	50% dead / absent	No visual defects	No visual defect	75% dieback.	Fell to ground level
1921	Common Ash	1	20	Small	9	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	ADB symptoms; leans towards and overhangs highway.	Fell to ground level
1922	Common Ash	1	22	Large	17	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	More than 75% dead.	Fell to ground level
1923	Common Ash	1	22	Large	16	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Severe lean towards highway.	Fell to ground level
1924	Common Ash	1	22	Medium	8	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Overhangs highway.	Fell to ground level
1925	Common Ash	1	22	Medium	16	Public Highway	Mature	Fair	Minor dead wood	25% dead / absent	No visual defects	No visual defect	Consider removal as part of other works.	Fell to ground level
1926	Common Ash	1	22	Large	16	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	50% dead / absent	No visual defects	Stress marks / slime flux	ADB symptoms; majority of crown towards highway.	Fell to ground level

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1927	Common Ash	1	22	Medium	16	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Early ADB symptoms; leans towards highway.	Fell to ground level
1928	Common Beech	1	24	Medium	20	Public Highway	Mature	Fair	Minor dead wood; Damage / wounding	Normal	No visual defects	Bifurcated; Weak fork	ADB symptoms; leans towards & overhangs highway. Consider felling as part of other works.	Fell to ground level
1929	Common Ash	1	22	Medium	17	Public Highway	Dead	Poor	Minor dead wood; Major dead wood	All dead / absent	No visual defects	No visual defect	ADB symptoms; leans towards and overhangs highway.	Fell to ground level
1930	Common Ash	1	18	Medium	14	Public Highway	Mature	Fair	Minor dead wood	Small / sparse	No visual defects	No visual defect	Leans towards and overhangs highway. Early ADB symptoms; consider removal as part of other works.	Fell to ground level
1931	Common Ash	1	22	Medium	12	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Early ADB symptoms; consider removal as part of other works.	Fell to ground level
1932	Common Ash	1	22	Medium	9	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Small suppressed tree with severe lean towards highway.	Fell to ground level
1933	Common Ash	1	22	Medium	16	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	50% dead / absent	Fungus or decay	Cavities	Early ADB symptoms; consider removal as part of other works.	Fell to ground level
1934	Common Ash	1	22	Medium	16	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Overhangs highway. Early ADB symptoms; consider removal as part of other works. Remove small stems near base.	Fell to ground level
1935	Common Ash	1	15	Small	7	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	75% dieback.	Fell to ground level
1936	Common Ash	3	22	Medium	15	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	ADB symptoms; leans towards and overhangs highway.	Fell to ground level

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								Overall	Branches	Leaf/Buds	Roots	Stem		
1937	Common Ash	2	22	Medium	9	Public Highway	Mature	Poor	Minor dead wood	50% dead / absent	No visual defects	No visual defect	More than 75% dead.	Fell to ground level
1938	Common Ash	1	16	Small	5	Public Highway	Mature	Poor	Minor dead wood	25% dead / absent	No visual defects	No visual defect	Severe lean towards highway.	Fell to ground level
1939	Common Ash	1	22	Medium	17	Public Highway	Mature	Fair	Minor dead wood	25% dead / absent	No visual defects	No visual defect	Overhangs highway.	
1940	Common Ash	1	23	Medium	17	Public Highway	Mature	Poor	Minor dead wood	50% dead / absent	No visual defects	No visual defect		Fell to ground level
1941	Common Ash	1	23	Medium	16	Public Highway	Mature	Poor	Minor dead wood	50% dead / absent	No visual defects	Ivy covered	ADB symptoms; majority of crown towards highway.	Fell to ground level
1942	Common Ash	1	22	Medium	15	Public Highway	Mature	Poor	Major dead wood; Minor dead wood	75% dead absent	No visual defects	Cavities	Early ADB symptoms; leans towards highway.	Fell to ground level
1943	Common Ash	1	20	Medium	14	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	Fungus or decay	Fungus or decay	ADB symptoms; leans towards & overhangs highway. Consider felling as part of other works.	Fell to ground level
612	Common Ash	1	20	Medium	17	Public Highway	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	ADB symptoms; leans towards and overhangs highway.	Fell to ground level
1943	Common Ash	1	19	Medium	15	Public Highway	Mature	Fair	Minor dead wood	25% dead / absent	No visual defects	No visual defect	Leans towards and overhangs highway. Early ADB symptoms; consider removal as part of other works.	Fell to ground level
1945	Common Ash	8 group	20	Medium	various	Public Path	Mature	Poor	Minor dead wood; Major dead wood	75% dead absent	No visual defects	No visual defect	Group of trees along boundary boundary to west of South Gardens entrance. Clarify boundary & confirm ownership.	Fell to ground level
1946	White Willow	5	10	Small	9	Public Path	Dead	Poor	Major dead wood; Minor dead wood	All dead / absent	Fungus or decay	Multi stemmed	Dead	Coppice to 0.5m stumps
1947	Ash	1	20	Large	15	Public Path	Mature	Fair	Minor dead wood; Major dead wood	25% dead / absent	No visual defects	No visual defect	ADB symptoms consider removal as part of other works.	Fell to ground level

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1948	Goat Willow	1	17	Medium	10	Adjacent Property	Over Mature	Poor	Damage / wounding; Minor dead wood; Low hanging branches; Weak fork	Normal	No visual defects	Leaning	75% dieback.	Fell to ground level
1949	Common Ash	1	13	Small	9	Public Highway	Mature	Fair	Minor dead wood	25% dead / absent	No visual defects	Leaning	ADB symptoms; leans towards and overhangs highway.	Fell to ground level
1950	Common Ash	1	10	Small	8	Public Highway	Mature	Fair	Minor dead wood	75% dead / absent		Leaning	More than 75% dead.	Fell to ground level
1951	Common Ash	1	18	Medium	14	Public Highway	Mature	Fair	Minor dead wood	25% dead / absent	No visual defects	Leaning	Severe lean towards highway.	Fell to ground level
1952	Whitebeam	3	12	Small	10	Public Highway	Mature	Poor	Minor dead wood	Small / sparse	Soil heave	Leaning	Overhangs highway.	To 0.5m stumps

- a) **Tree No:** refers to the tree identification numbers as shown on the tree survey map.
- b) **Common Name:** self explanatory
- c) **Stems:** the number of stems between ground level and 1.5m.
- d) **Height:** as estimated in metres.
- e) **Stem Diam. Class:** Small 0-300mm; Medium 301-600mm; Large 601-900mm; Extra Large Over 900mm.
- f) **Crown radius:** average spread in metres from the centre of the trunk to the outer edge of the drip line.
- g) **Adjacent Features:** self explanatory.
- h) **Life Stage:** recorded as one of six categories - Young; Middle Aged; Mature; Over Mature; Veteran; Dead.
- i) **Condition: Overall** condition assessed as one of five categories - Poor; Fair; Good; Dead; Ivy (if assessment was prevented by excessive Ivy growth). with additional information for the branches; leaf/buds; roots and stem
- j) **Comments:** self-explanatory
- k) **Recommendations:** self-explanatory