Newlands Corner

and

Merrow Downs

A survey of the yews

Peter Norton August 2012



INTRODUCTION

The North Downs are a ridge of high ground running parallel to the coast, which extends southwards from the Thames Basin across the counties of Surrey and Kent, from Guildford in the west to the white chalk cliffs of Dover in the east. The North Downs are composed of chalk and slope steeply to the north. With the South Downs, they belong to the Weald system, a geological morphological anticline made of chalk and sandstone.

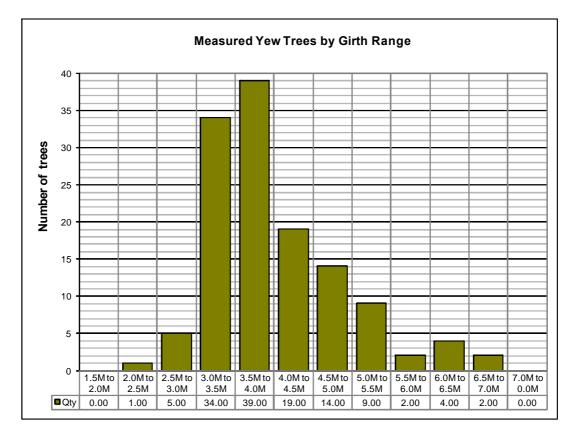
Newland's Corner is located on the Cretaceous Chalk of the North Downs at the northern edge of the Weald. This popular spot by the A25 near Guildford is bounded by the southern edge of Merrow Downs along Merrow Parish Boundary. It is comprised of 260 acres (105 hectares) of open chalk downland set within extensive mixed woodlands which include birch, oak and yew. It is owned by the Albury Estate and managed by Surrey Wildlife Trust under an access agreement between the Estate and Surrey County Council. It also forms part of Surrey Hills Area of Outstanding Natural Beauty (AONB).

Merrow Downs is a registered common of 694 acres (281 hectares). It forms part of the Surrey Hills Area of Outstanding Natural Beauty (AONB) and is also designated as an Area of Great Landscape Value (AGLV), Green Belt and a Site of Nature Conservation Importance (SNCI).

It is owned by Guildford Borough Council, who lease part of the common to Guildford golf club, with the public retaining the right to roam. Most of the common covered by the golf course is chalk downland while other areas are covered by broad leaved woodland. This is predominantly hazel coppice under oak in the older parts of the common, a woodland rich in biodiversity complemented by stands of old yew trees. In the last 100 years the common ceased to be used for grazing and the cutting of hazel, and other tree species such as blackthorn, holly and ash now dominate the landscape, covering areas that were once open grassland.

A complete count of yew numbers was not attempted, however this survey, carried out over six visits, is thought to represent a census of all yews with girths above 3.5m.

129 trees had girths recorded and of these 50 feature in this article. A complete list is found in appendix 1.



Newlands Corner and Merrow Downs – A Forester's View

Situated east of Guildford at map reference TQ040500 on relatively high ground, rising to 150 metres above sea level, this large area of woodland is not classed as ancient. In support of this, the western part is called 'The Roughs', inferring open scrubby habitat.

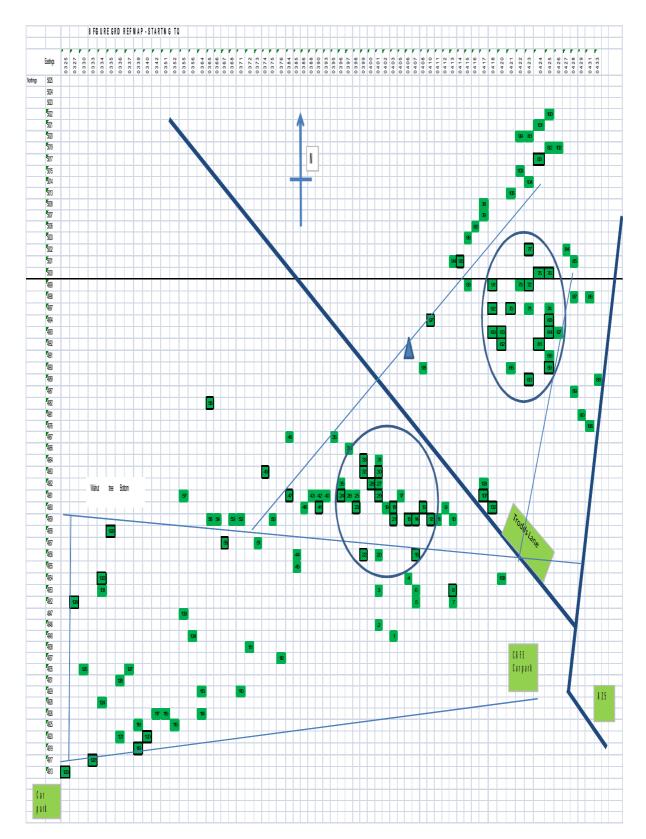
Newlands Corner is a very popular area for visitors, an extensive car park is provided on the Drove Road, an ancient trackway. But the habitat is not rich because of former mineral extraction, which has left large holes in the ground across most of the area. However, by way of natural amelioration, in the last 50 years or so the whole area has regenerated to a high amenity area of Birch and Oak.

The only old trees to be found are Yew in the north and west, which surely pre-date the mineral extraction. This infers the area was once downland Wood Pasture, dominated by Yews. Perhaps not all the Yews were retained when the mineral was removed.

Merrow Downs, further to the north, has greater biodiversity. The geology changes to a more calcareous nature and habitat is characterised by a patchy underwood of Hazel with Ash and Field Maple further north. There are many groups of Yew, which again infers the area was formerly Yew dominated Wood Pasture.

Hugh Milner, 9th August 2012.

The map and table below use an 8 fig grid ref giving Eastings (horizontal) and Northings (vertical). Each yew is represented by a numbered green cell, which is the first column in the Observations table. The 50 trees featuring in this report are indicated by cells highlighted with a thick border. Also marked are Trodds Lane, the A25, Newlands Corner Cafe and the major footpaths indicated by the Ordnance Survey map. The areas within the blue circles contain some of the most interesting yews.



					Girth			
Tree Ident	Grid Loc	Area	Sex	Ft	Ins	Mtrs	Height measured	Comments
8	TQ0413149530	Newlands	Male	16	8	5.080	1'	2 leaders from a 5' break of crown. Major layering evident. 1 embedded nail
12	TQ0410449596	Newlands	Male	15	7	4.750	Root crown	Large cavity, internal growth, hollowing branches, major layer though host branch has withered
13	TQ0408649609	Newlands	Male	14	9	4.496	Root crown	Hollow but no internal stem
14	<u>TQ0407849595</u>	Newlands	Female	10	9	3.277	Root crown	Loss of outer shell
15	TQ0406549593	Newlands	Female	22	4	6.807	2'	Hollow and fragmented, many seedlings, 3 embedded nails
16	TQ0407349560	Newlands	Female	15	5	4.699	1'	7' break of crown
18	TQ0403849605	Newlands	Male	18	6	5.639	Root crown	Very sparse foliage, 2 embedded nails
21	TQ0403249592	Newlands	Male	14	4	4.369	Root crown	Loss of outer shell, internal growth.
22	TQ0399049562	Newlands	Male	19	9	6.020	Root crown	Possibly hollow, 3 embedded nails
23	TQ0398749603	Newlands	Male	16	8	5.080	Root crown	5' break of crown, hollowing branches
24	TQ0396849615	Newlands	Male	17	1	5.207	6"	Hollow but no internal stem
27	<u>TQ0401949627</u>		Male	14	11	4.547	1'	was this one tree and fragmented into 3 although 2 are one tree 9' 3" the second was 7' 6". Girth around all recorded 14' 11" at 1'
28	TQ0400749624	Newlands	Female	15		4.572	1'	Sparse foliage, Cavities in the upper bole, tree close by dead
29	TQ0401549617	Newlands	?	16	2	4.928	1'	Possibly dead, no foliage, unable to determin sex
30	TQ0401949633	Newlands	Female	17	11	5.461	Root crown	Hollow, internal stems, many seedlings. 2nd visit revealed a whitebeam growing from the canopy with roots having reached the ground through the bole of the yew
32	TQ0399549633	Newlands	Male	14	9	4.496	1'	Fragmenting, hollow, branches hollowing
33	TQ0399049631	Newlands	Male	11	9	3.581	6"	Twin bole, loss of outer shell, hollow, 7 major layers
41	TQ0390049609	Newlands	Female	15	5	4.699	Root crown	Splitting into 2 halves, hollow, growing on a boundary bank
47	TQ0384349616	Newlands	Male	17	11	5.461	Root crown	3' bole
49	TQ0374149632	Newlands	Female	12	5	3.785	Root crown	Hollow with small internal stem
55	<u>TQ0367249574</u>	Newlands	Male	14	1	4.293	Root crown	
58	TQ0365449822	Newlands	Female	13	8	4.166	Root crown	This hollow yew is found just west of the footpath before crossing the minor road
59	TQ0425649900	Merrow	Male	19	1	5.817	Root crown	8' break of crown, hollowing (rotting stem at the break of crown - may be the whitebeam)
60	TQ0423749890	Merrow	Female	13	1	3.988	Root crown	Very sparse foliage, fragmenting, hollow
61	TQ0424949923	Merrow	Male	20	10	6.350	2'	2 halves, hollow, no sign of internal growth, also recorded 21' 5" at root crown
62	TQ0420749933	Merrow	Male	17		5.182	2'	Loss of major branch, fragmenting, some foliage
63	TQ0420949930	Merrow	Male	14	4	4.369	Root crown	Hollowing
64	TQ0425249948	Merrow	Male	20	2	6.147	Root crown	Missed on previous visit, Large internal root
68	<u>TQ0425649942</u>	Merrow	Female	14	2	4.318	Root crown	Many lost branches
69	<u>TQ0418649937</u>	Merrow	Male	16	6	5.029	Root crown	12' break of crown,4 leaders, hollowing, fragmenting
70	TQ0421449971	Merrow	Male	20		6.096	6"	Sparse foliage,
72	TQ0423349996	Merrow	Female	15	3	4.648	Root crown	hollowing, fragmented, sparse foliage
75	TQ0424150002	Merrow	Female	10	9	3.277	Root crown	Hollowing, internal stem
76	TQ0424450005	Merrow	Male	16		4.877	Root crown	Hollowing, fragmented, sparse foliage
77	TQ0423850022	Merrow	Female	15	2	4.623	Root crown	Hollowing
83	TQ0424350174	Merrow	Male	13	10	4.216	1'	
91	TQ0418749992	Merrow	Female	10	8	3.251	1'	Large amount of rot - smaller yew in similar state close by
92	<u>TQ0418249976</u>	Merrow	Male	14	6	4.420	Root crown	has had the ability to grow new bark underneath the old bark and rotted cambion. FC (AH) to be contacted to confirm if this has been noted before
95	TQ0414150016	Merrow	Female	13	1	3.988	1'	Note the mass of broken seed - In all probability this is a larder hoard for a wood mouse
97	TQ0410449942	Merrow	Female	15	11	4.851	1'	
105	TQ0421950139	Merrow	Male	16	10	5.131	Root crown	Large basal cavity, totally hollow. Cramped space to take photographs
107	<u>TQ0417549616</u>	Merrow	Female	22	10	6.960	Ground	Roadside yew, Difficult to measure due to lower twiggy growth, girth recorded should only be used as an indicator
132	TQ0418849615	Merrow	Male	17	8	5.385	Root crown	Roadside yew, hollow with loss of outer bole, no internal stem, 2 small basal cavities close to the ground.
119	<u>TQ0339149194</u>	Newlands	Female	15	5	4.699	Root crown	Um shape, hollow and in 3 sections, large central stem that girthed 4' 2" at 1' 6" from the ground. 2 embedded nails, grows close to footpath
120	TQ0340849202	Newlands	Female	11	11	3.632	Root crown	Hollow, major loss of outer bole, no internal stem
122	<u>TQ0333349176</u>	Newlands	Male	15	7	4.750	Root crown	Major branch loss, fragmented with 2 main sections, grows on the linear bank (parish boundary) Undulating tape to get min girth.
123	TQ0325649138	Newlands	Male	12	6	3.810	1' 6"	3 segments, hollow, close to the west carpark
128	TQ0327449526	Newlands	Male	13	7	4.140	Root crown	
120		-					1	These next 3 are from a group of several yew on the south
	T00335340590	Nowlands	Malo	10	2	3 724	Root crown	These flext 3 are norm a group of several yew on the south
120 129 130	<u>TQ0335349589</u> TQ0334549547	Newlands Newlands	Male Male	12 13	3 11	3.734 4.242	Root crown Root crown	side of the track

TQ0413149530 M 16' 8" at 1' 2 leaders from a 5' break of crown, major layering evident, 1 embedded nail



TQ0410449596M15' 7" at root crownLarge cavity, internal growth, hollowing branches, major layer though host branch has withered



TQ0408649609 M 14' 9" at root crown Hollow but no internal stem



TQ0407849595 F 10' 9" at root crown Loss of outer shell has reduced girth



TQ0406549593F22' 4" at 2'Hollow and fragmented, girth includes buttress remnant, many seedlings, three embedded nails







TQ0403849605 M 18' 6" at root crown

Sparse foliage, appears to be hollowing. Two embedded nails at the height measured. Looking closely at the third photograph, new flow of wood up to a foot thick has almost covered the remains of a cut branch resulting in this bulbous appearance. This flow of wood is noted on many of the Urn shaped yews.





TQ0403249592M14' 4" at root crownUrn shaped with loss of outer shell, small internal growth



TQ0399049562 M 19' 9" at root crown Possibly hollow, sparse foliage and again note the cut branch and the flow of new wood in the third photograph





TQ0398749603 M 16' 8" at ground Hollowing branches from a 5' break of crown



TQ0396849615 M 17' 1" at 6" Hollow but no internal stem



TQ0401949627 M 14' 11" at 1' Fragmented in 3 sections



TQ0401549617 16' 2" at 1' Possibly dead, no foliage, unable to sex



TQ0401949633 F 17' 11" at root crown

Hollow, internal stems, many seedlings. Whitebeam grows from the canopy on the main leader with roots having reached the ground through the bole of the yew. Third photograph shows the yew roots on the right while those on the left are from the whitebeam. Fourth photograph indicates a cut branch being covered with new wood.



TQ0399549633 M 14' 9" at 1' Hollow, fragmenting with branches hollowing



TQ0399049631 M 11' 9" at 6" Twin bole, loss of outer shell, hollow, 7 major layers



TQ0390049609 F 15' 5" at root crown Splitting into two halves, hollow, growing on the parish boundary bank along with others





TQ0374149632 F 12' 5" at root crown Hollow with small internal stem



TQ0367249574 M 14' 1" at root crown





TQ0425649900M19' 1" at root crownHollowing, having an 8' break of crown along with sparse foliage



TQ0423749890 F 13' 1" at root crown

Hollow and fragmented along with sparse foliage. Note the cut branch and flow of new wood in the second photograph.



TQ0424949923 M 20' 10" at 2' Splitting into two halves, hollow, no sign of internal growth, also recorded 21' 5" at root crown





TQ0420749933 M 17' at 2' Loss of major branch, fragmenting, some foliage TQ0420949930 M 14' 4" at root crown Hollowing



TQ0425249948M20' 2" at root crownLarge internal stem









TQ0418649937M16' 6" at root crown12' break of crown, 4 leaders, hollowing, fragmenting, also note the cut branch and flow of new wood



TQ0421449971M20' at 6"Sparse foliage also another example of a cut branch and new wood



TQ0423349996 F 15' 3" at root crown Hollowing, fragmented, sparse foliage



TQ0424150002F10' 9" at root crownHollowing, internal stem, cut branch and new wood





TQ0424450005 M 16' at root crown Hollowing, fragmented, sparse foliage, loss of branches, small internal roots



TQ0423850022 F 15' 2" at root crown Hollowing



TQ0424350174 M 13' 10" at 1'



TQ0418749992 F 10' 8" at 1' Large amount of rot, loss of outer shell - smaller yew in similar state close by



TQ0418249976M14' 6" at root crownOne branch has grown new bark underneath the old bark and rotted cambium



TQ0414150016 F 13' 1" at 1' Note the mass of broken seed - probably a larder hoard for a wood mouse



TQ0410449942 F 15' 11" at 1'



TQ0421950139 M 16' 10" at root crown Major loss of outer shell and totally hollow



TQ0417549616 F 22' 10" at ground

Roadside yew, difficult to measure due to lower twiggy growth, tape was threaded behind but girth recorded can only be used as an indicator



TQ0418849615 M 17' 8" at root crown

Roadside yew, hollow with loss of outer shell, no internal stem and 2 small basal cavities close to the ground



TQ0339149194 F 15' 5" at root crown

Urn shape, hollow and in 3 sections, large central stem that girthed 4' 2" at 1' 6" from the ground, 2 embedded nails, grows close to footpath





TQ0340849202 F 11' 11" at root crown Hollow, major loss of outer shell, no internal stem



TQ0333349176M15' 7" at root crown and groundMajor branch loss, fragmented with 2 main sections, undulating tape to get minimum girth, grows on thelinear bank (parish boundary)



TQ0325649138M12' 6" at root crown3 segments, hollow, close to the west car park





TQ0327449526 M 13' 7" at root crown





TQ0335349589M12' 3" at root crown



TQ0334549547 M 13' 11" at root crown





Appendix 1 – List of all 134 yews observed

8 10041314950 Newlands Female 10 8 5.080 1 embedded nail embedded nail 9 TQ0412149608 Newlands Female 12 7 3.835 Root crown Major loss of branches, partially hollow - many seed 10 TQ0411749597 Newlands Female 12 3 3.734 Root crown Intergraphic set oabove, branches hollowing branches, m though host branch has withered 11 TQ0406464969 Newlands Male 14 9 4.496 Root crown Large cavity, internal growth, hollowing branches, m though host branch has withered 114 TQ0406549693 Newlands Female 10 9 3.277 Root crown Loss of outer shell 15 10 10.3023 1'6'' T break of crown Small stand of 10 yew all similar girths 16 TQ0406549601 Newlands Female 9 11 3.023 1'6'' Fallen and rotting, still flourishing 17 TQ0406549601 Newlands Female 9 3.866 2'6'' Fallen and						Girth		1	
2 TOQ401484680 Newlands Mate 11 6 3.480 Root crown 4 bide with 5 stems 4 TOQ406048543 Newlands Female 12 11 3.937 Root crown 14 bide with 5 stems 5 TOQ40748529 Newlands Male 9 10 2.997 1° c* 7 TOQ413148523 Newlands Male 9 10 2.997 1° c* 8 TOQ413148523 Newlands Male 11 10 3.607 3° Alao recorded 12 1* at 1*- smallar yew close by 6' 9 TOQ413148523 Newlands Male 12 7 3.835 Root crown Inage cable, international provides in the second cove, provides in the second coven, provides in the second cove		Grid Loc	Area	Sex	Ft	Ins	Mtrs	Height measured	Comments
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4 TOQ406049643 Newlands Female 11 51 3480 Root crown 14 bits with 5 54 6 TOQ407046932 Newlands Male 9 10 2.997 1' 6" 7 TOQ413146953 Newlands Male 9 10 2.997 1' 6" 2! leaders from a 5' treak of crown. Major layering e 9 TOQ413146953 Newlands Male 12 3.807 3'' Rato recorded 12.1'' at 1''- smaller yew close by 8'' 10 TOQ4131469530 Newlands Male 12 7 3.835 Root crown major loss of branches, partially hollow - many seet 10 TOQ41346950 Newlands Male 15 7 4.750 Root crown Large cavly, internal growth, hollowing branches, m 13 TOQ40649600 Newlands Female 12 3 3.734 Root crown Large cavly, internal stem 14 TOQ40649609 Newlands Female 19 3.277 Root crown Large cavly, internal stem 10									
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14 TQ0407849595 Newlands Female 10 9 3.277 Root crown Loss of outer shell 15 TQ0400549933 Newlands Female 22 4 6.807 2' Hollow and fragmented, many seedlings, 3 embedd 16 TQ04007349600 Newlands Female 15 5 4.699 1' 7' Teak of crown 17 TQ0403249614 Newlands Marele 18 6 5.639 Root crown Very sparse foliage, 2 embedded nails 19 TQ0403249505 Newlands Female 0 0.000 Fallen and rotting, still flourishing 20 TQ0401849660 Newlands Male 14 4 4.399 Root crown So outer shell, internal growth. 21 TQ0399049562 Newlands Male 16 8 5.080 Root crown S' break of crown, hollowing branches 24 TQ0398749603 Newlands Male 17 5.207 6° Hollow but no internal stem 28 TQ0398749604 N	13	TQ0408649609	Newlands	Male	14	9	4.496	Root crown	Hollow but no internal stem
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47 TQ0384349616 Newlands Male 17 11 5.461 Root crown 3' bole	47	TQ0384349616	Newlands	Male	17	11	5.461	Root crown	3' bole

Test Ord Loc Area Bas Ins Mars Height measures Comments 48 TOQ34440671 Newlands Male 1 10 5.607 Root crown Tiles to the tool, trice at the new was 9 °1' 40 TOQ37446801 Newlands Male 1 10 4.216 Root crown Malow with small inclusion with small inclus with small inclus with small inclusion with small i					Girth				
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58 TQ0375849591 Newlands Main 1.1 4.216 Root orwn Many stems emerging the 32 bit has grown gringint 10 TQ03745979 Newlands Female 12 9 3.886 1' 1'from top of slope, tall columner 21 TQ0374599 Newlands Male 11 0 5.655 1' 21 TQ037549574 Newlands Male 14 0 3.655 1' 21 TQ038549589 Newlands Male 14 0 3.655 Rot crown 21 TQ038549589 Newlands Male 13 3 4.038 Rot crown Triss was the fast tree recorded along the main tootpath fast tree recorded along the footpath fast was or tecture are further away, returned along the footpath much later Triss index much fast tree recorded along the main tootpath fast fast tree recorded along the footpath much later Triss index much fast tree recorded along the main tootpath fast fast fast fast fast fast fast fast	48	TQ0384949671	Newlands	Male	11	10	3.607	Root crown	Tree to the front, tree at the rear was 9' 5"
90 100376449391 Newlands Name 13 10 4.216 Koot crown Initing proving straight. 91 T00337144599 Newlands Male 11 10 3.607 1' I'non top of alops, tall columer 91 T0038644964 Newlands Male 11 6 3.503 Rot crown 91 T00385449547 Newlands Male 11 6 3.503 Rot crown 91 T00385449182 Newlands Famale 8 6 2.501 Z This ballow yee is found just weet of the footpath before crown 91 T00385449182 Newlands Fernale 13 1 5.817 Root crown This ballow yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found just weet of the footpath before crown and yee is found	49	TQ0374149632	Newlands	Female	12	5	3.785	Root crown	
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st TO0366249590 Newlands Male 11 6 3.505 Root crown st TO0366249574 Newlands Male 11 4.293 Root crown Evidence of fire damage to the lower bole, loss of outer bark st TO0356249518 Newlands Female 13 3 4.039 Root crown Evidence of fire damage to the lower bole, loss of outer bark st TO0356249512 Newlands Female 13 8 4.166 Root crown This was the last tree excorted along the main footpath helore crossing the minor road cost TO0425264900 Merrow Male 19 1 5.817 Root crown The should along the foot path much later cost TO042549900 Merrow Male 19 1 5.817 Root crown Yery sparse folising rementing, holow cost TO042549900 Merrow Male 10 6.350 2' Strakt of crown, holow of internal growth, also recorded 21 coot22749890 Merrow Male 14 4 4.569 Root crown Holowing Holowin	52	TQ0371149599	Newlands	Male	11	10	3.607	1'	
55 T02087249574 Newlands Male 14 1 4.233 Root crown Evidence of fre damage to flow point, loss of outer bark, for 00385449822 67 T003856449822 Newlands Female 8 6 2.591 2" This was the last free recorded and the main footpath before crossing the minor road 69 T00425649822 Newlands Female 13 8 4.166 Root crown Crown crown bark of crown, hollowing (roting stem at the break of crown) hollowing (roting stem at the break of crown, hollowing (roting trown hollowing (roting stem at the break of crown) hollowing (roting trown holes 63 T00425749933 Merrow Male 17 5.182 2'	53	TQ0368049594	Newlands	Female	12		3.658	1'	
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	92	<u>TQ0418249976</u>	Merrow			6	4.420		has had the ability to grow new bark underneath the old bark and rotted cambion. FC (AH) to be contacted to confirm if
94 TQ0413550012 Merrow Male 14 8 4.470 Root crown									
	94	TQ0413550012	Merrow	Male	14	8	4.470	Root crown	

				Girth				
Tree Ident	Grid Loc	Area	Sex	Ft	Ins	Mtrs	Height measured	Comments
95	TQ0414150016	Merrow	Female	13	1	3.988	1'	Note the mass of broken seed - In all probability this is a larder hoard for a wood mouse
96	TQ0415050036	Merrow	Female	11	10	3.607	Root crown	
97	TQ0410449942	Merrow	Female	15	11	4.851	1'	
98	TQ0408149905	Merrow	Female	14	11	4.547	Root crown	Last tree close to footpath and close to trig point. Twin trunk, interesting tree close by with 4 stems in a circle - unable to photograph
	The following 7 yews	s are on or o	close to a	boundary	bank at	the north, s	ame boundary as	
99	TQ0422950208	Merrow	Male	11	1	3.378	Root crown	An 8' break of crown with two main leaders, branches overhanging the path have recently been cut, Unneccesary health and safety
100	TQ0425050221	Merrow	Male	10	10	3.302	1'	Major limb has been lost
101	TQ0424650211	Merrow	Female	12	8	3.861	1'	Typical maiden - height recorded as (84% of 20') 16' 9"
102	TQ0425350191	Merrow	Male	13	9	4.191	1'	8' break of crown with 4 leaders
103	TQ0422550152	Merrow	Male			0.000		Young tree with several basal cavities
104	TQ0423450146	Merrow	Female	10	9	3.277	1'	A lot of dead wood around
105	<u>TQ0421950139</u>	Merrow	Male	16	10	5.131	Root crown	Large basal cavity, totally hollow. Cramped space to take photographs
106	TQ0431149763	Merrow	Male	12		3.658	Root crown	3' break of crown, many low branches
107	<u>TQ0417549616</u>	Merrow	Female	22	10	6.960	Ground	Roadside yew, Difficult to measure due to lower twiggy growth, girth recorded should only be used as an indicator
132	<u>TQ0418849615</u>	Merrow	Male	17	8	5.385	Root crown	Roadside yew, hollow with loss of outer bole, no internal stem, 2 small basal cavities close to the ground.
108	TQ0417349625	Merrow	Male	12	6	3.810	6"	Close to the large female above, major loss of one limb,
	Just the other side of	of the road						
109	TQ0420249540	Newlands	Male	13		3.962	Root crown	In process of shedding a branch, note the internal growth
				er vews t	o the we	st of the ca		r girth - see below for typical yew
	-		1					In the process of layering and amonst a group of some 15
110 111	TQ0371849294 TQ0372549382	Newlands Newlands	Male	10	2	3.099 0.000	Root crown	yews 3 trees close together - regrowth? - another small grove
112	TQ0376749372	Newlands	Fomalo	10	5	3.175	1' 6"	Note all the branches
113	TQ0364949293	Newlands		9	8	2.946	1'6"	Another example of a 45deg branch root
114	TQ0364249266	Newlands	Male	11	5	3.480	1'6"	Within a group of 8 plus a general scene
114	TQ0352849253	Newlands	Female	10	2	3.099	Root crown	Urn shape, hollow with outer loss, 6' break of crown with 3
								leaders, no internal root
116	TQ0351549261	Newlands		11		3.353	1'	45 deg branch layer with succesfull growth
117	TQ0342849265	Newlands		13	4	4.064	Root crown	first side limb ommitted
118 119	TQ0339749255 TQ0339149194	Newlands Newlands		10 15	6 5	3.200 4.699	2' Root crown	Um shape, hollow and in 3 sections, large central stem that girthed 4' 2" at 1' 6" from the ground. 2 embedded nails,
								grows close to footpath
120	TQ0340849202	Newlands	Female	11	11	3.632	Root crown	Hollow, major loss of outer bole, no internal stem
121	TQ0336449200	Newlands	Male	11	10	3.607	Root crown	A mass of epicormic growth, girth measurement an indicator only due to this fact
122	<u>TQ0333349176</u>	Newlands	Male	15	7	4.750	Root crown	Major branch loss, fragmented with 2 main sections, grows on the linear bank (parish boundary) Undulating tape to get min girth.
123	<u>TQ0325649138</u>	Newlands	Male	12	6	3.810	1' 6"	3 segments, hollow, close to the west carpark
	Heading north to joir	n up with the	e foot path	n at Waln	ut Tree B	ottom		
124	TQ0334749287	Newlands	Male	10	11	3.327	Root crown	
125	TQ0330249353	Newlands	Female	11	6	3.505	2'	Side limb ommitted - tree to the rear measured 10' 9" - many saplings close by
126	TQ0336349316	Newlands				0.000		Good example of a major root regeneration
127	TQ0337149354	Newlands	Female	12	6	3.810	2'	Grows on the linear parish boundary
128	TQ0327449526	Newlands		13	7	4.140	Root crown	
	Heading east along			-		-		
129	<u>TQ0335349589</u>	Newlands		12	3	3.734	Root crown	These next 3 are from a group of several yew on the south side of the track
130	TQ0334549547	Newlands	Male	13	11	4.242	Root crown	
131	TQ0334249537	Newlands		10	9	3.581	6"	Measured from the top of the slope
133	TQ0355149475	Newlands		12	4	3.759	1'	3 leaders from a 4' bole, many other yew along this path
134	TQ0356749409	Newlands		11	2	3.404	1'	Hollow with small internal stem
134	1 000001 40400	. tomanus	mais		2	0.404	ļ'	

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References

Introduction:

n: Description of Merrow Downs obtained from Guildford Borough Council web pages Description of Newlands Corner obtained from Surrey Wildlife Trust