

### Appendix 9.1 – Target Notes

The target notes are shown on the Phase 1 Habitat Plan (CA10769-9.1). The abundance of species is given using the DAFOR scale (in brackets), outlined in the table below:

Abundance	Approximate Percentage Cover
Dominant	>50%
Abundant	30-50%
Frequent	Many individuals
Occasional	Few individuals
Rare	Isolated individuals
Local	Distinct populations

1. A small copse of Douglas Fir planted within a shallow hole in the ground. The copse is approximately 20m by 10m in size and has a steep bank.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Hawthorn	O	Elder	O
Dog Rose	O	Douglas Fir	A
<b>Forbs</b>			
Bindweed, hedge	O	Pineappleweed	R
Buttercup, creeping	O	Common nettles	O
Dock, broad-leaved	O	Thistle species	O
Dead-nettle, white	O		
<b>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</b>			
Cock's foot	O	Yorkshire fog	O

2. A narrow strip of young mixed woodland plantation is located along the footpath and bridleway leading to Wykham Farm Cottage. The majority of trees comprised stems of less than 20cm in diameter. A ditch and bank are located along the centre of the plantation between the bridleway and footpath. The ditch is dry and approximately 0.5m deep and 1m wide. On the bank are some older specimens that show signs of being laid and may indicate that a hedgerow used to be present but a substantial time ago.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Hawthorn	F	Blackthorn	O
Dog rose	O	Silver birch	O

Field maple	F	Scot's pine	O
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### Hedgerow Target Notes

H1. This hedgerow can be split into 2 distinct sections.

The eastern end of hedgerow is intact, stock proof and shows signs of being clipped. The hedgerow is approximately 2m tall and 1.5m wide at its eastern end. Hawthorn is the most abundant hedgerow species. There are three hedgerow trees, two elder and one ash, within this section. The 1m wide field margin is mostly yellow oat-grass (A) and hedge bindweed (A).

The western section of hedgerow is not stockproof and is leggy with a dense canopy. There are signs of some parts being laid in the past. It is approximately 3.5m tall and 1m wide with a tree line behind. There is a small dry ditch on its northern side approximately 0.5m deep and 1.5m wide. There is also approximately 10m of post, rail and wire fencing associated with the eastern edge of this hedgerow. Blackthorn is the most abundant hedgerow species. The hedgerow is situated on an earth bank approximately 0.5m higher than the field. The field margin is narrow (<0.25m) and is mostly common nettles (A) and bindweed (A).

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Hawthorn	F	Wych Elm	O
Bramble	O	Blackthorn	A
Dog Rose	O	Ash	O
Field maple	F	Hazel	R
Elder	O	Sycamore	O
Pedunculate Oak	O		
<b>Forbs</b>			
Hedge bindweed	F-A	Ivy	A
Ground ivy	O	Perforate St John's Wort	R
Vetch sp.	R	Lesser Burdock	O
Mullein	O	Common nettles	A
Common cleavers	O	Creeping thistle	O
Hogweed	O	Russian comfrey	R
Umbellifer sp.	O		
<b>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</b>			
Perennial rye grass	O	Yellow oat-grass	F

Cock's foot	O		
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Figure 1: Left shows well maintained eastern section of H1, RHS shows unmaintained eastern end.

H2. This hedgerow is not stock proof due to a number of gaps along its length but is dense in other sections. There are a number of mature trees along its length. For most of its length the hedgerow is 1.5m tall and 1.5m wide with signs of flailing and signs of being laid in the past. The hedgerow is situated on a wide shallow bank (approximately 0.75m tall and 2.5m wide). One section, approximately 10m long is protected by a double section of post and rail fencing. However the southern part has not been managed and is approximately 4m tall and is dominated by elder and sycamore trees. On both sides there is a wide field margin (approximately 1.5m) dominated by common nettles.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Elder	D	Sycamore	O
Dog rose	O	Blackthorn	O
Hawthorn	A	Ash	R
<b>Forbs</b>			
Ivy	F	Umbellifer sp.	F
Common Cleavers	A	Hedge bindweed	A
Lords & Ladies	R	Cut leaved crane's bill	R
Hogweed	O	Lesser burdock	R
Colt's foot	O		
<b>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</b>			
Perennial rye grass	O	Yellow oat grass	F



Figure 2: Hedgerow H2

H3. This hedgerow is not stockproof with many gaps. However the canopy is dense suggesting the hedgerow has been clipped in the past. A 1m tall post and barbed wire fence is associated with this hedgerow. The hedgerow itself is varied in height but is, on average 3m tall and 1.5m wide. There are a number of mature shrubs and mature trees along its length. The small field margin (<0.25m wide) is dominated by nettles.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Sycamore	A	Hawthorn	O
Elder	D	Bramble	O
Ash	O		
<b>Forbs</b>			
Common nettles	D	Ground elder	O
Common cleavers	A		



Figure 3: Hedgerow H3

H4. The hedgerow is not intact along its whole length but gaps have filled with dense bramble and nettle scrub. The hedgerow is dense and shows signs of being clipped. There are a number of semi-mature trees along its length. The hedgerow is approximately 2m tall and 1m wide. The hedgerow is situated on an earth bank approximately 0.5m in height. The field margins are narrow (<1m wide) with abundant nettles and hedge bindweed.

<b>Species</b>	<b>Abundance</b>	<b>Species</b>	<b>Abundance</b>
<b><i>Trees / Shrubs</i></b>			
Hawthorn	A	Dog rose	O
Elder	A	Ash	O
Wych Elm	O	Beech	R
Bramble	F	Wild Cherry	O
Blackthorn	O	Pedunculate oak	R
Field maple	R		
<b><i>Forbs</i></b>			
Common nettles	A	Common cleavers	O
Hedge bindweed	A	Poppy	R
Umbellifers	O	White campion	R
<b><i>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</i></b>			
Soft brome	F	Perennial Rye Grass	F





Figure 4: Hedgerow H4

H5. This hedgerow is approximately 2.5m tall and 1m wide. It is stockproof and shows signs of being clipped. On the western edge is an associated post and rail fence approximately 0.6m tall. The field margin is approximately 1m wide and dominated by common nettles.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Hawthorn	D	Field maple	O
Spindle	O	Wayfaring tree	L A
<b>Forbs</b>			
Creeping thistle	F	Field Forget-me-not	R
Common nettles	D		
<b>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</b>			
False oat grass	F	False brome	O



Figure 5: Hedgerow H5

H6. This hedgerow is situated along the southernmost boundary of the site adjacent to Wykham Lane. The hedgerow is approximately 2m high and 1.5m wide and is defunct and gappy. An approximately 5m wide field margin comprising bare earth is located at the base of the hedgerow with an approximately 0.5-1m wide vegetation strip.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Blackthorn	R	Field maple	R
Elder	D	Hazel	R
Elm sp.	R	Sycamore	LF
<b>Forbs</b>			
Common cleavers	O	Common nettle	A - D
White campion	O	Fumitory sp.	O
Creeping thistle	O	Red campion	O



Figure 6: Hedgerow H6

H11. This hedgerow is situated in a 3m corridor between two post and wire fences. The hedgerow is 1.5m tall and approximately 1m wide. It is dense and stockproof and there are no obvious signs of a bank, ditch or old management techniques.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Pedunculate Oak	R	Ash	O
Elder	A	Hawthorn	A
<b>Forbs</b>			
Black nightshade	R	Common nettle	F
White dead nettle	A	Poppy	R
Sow thistle	O	White campion	O
Woody nightshade	R	Mullein	O
Hawkbeard sp.	O	Common cleavers	A
Colt's foot	O	Field speedwell	O
<b>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</b>			
Perennial rye grass	O	Yellow oat grass	O
Cock's foot	O		





Figure 6: Hedgerow H11

H12. This hedgerow is situated on the western boundary of the site adjacent to the road. There is a 2m wide verge adjacent to the road, a 1m wide ditch and then a bank up to the hedgerow with a post, rail and wire fence on the side adjacent to the field. The verge is dominated by perennial rye grass and ribwort plantain. The dry, 1m deep ditch is dominated by willowherb species. The bank is mostly bramble scrub. The hedgerow itself is approximately 3m tall and 1.5m wide, it is leggy but with a dense canopy and no signs of recent management. Much of this field boundary comprises semi-mature and mature trees.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Hawthorn	F	Ash	O
Pedunculate Oak	O	Horse chestnut	R
Lime	A	Sycamore	O
Blackthorn	O	Bramble	F
<b>Forbs</b>			
Ivy	F	Sow thistle	O
Common Nettles	F	Lesser burdock	O
Colt's foot	O	White clover	O
Spear thistle	O	Water forget-me-not	O
Creeping buttercup	O	Mullein	O
Hawkbeard	O	Hogweed	O
White dead nettle	O	Woody nightshade	R

Field speedwell	O	Rosebay willowherb	A
Great willowherb	A		
<b>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</b>			
Cock's foot	F	Yorkshire Fog	F
Perennial Rye Grass	D		



Figure 7: Hedgerow H12

H13. This hedgerow shows signs of regular maintenance by clipping/ flailing. It is dense and stockproof. There are no mature trees or a fence along its length. It is 2-2.5m tall and approximately 2m wide. The hedgerow is on a small bank (<0.5m tall) which slopes towards the field to the west.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Hawthorn	D	Ash	F
Blackthorn	O	Bramble	O
<b>Forbs</b>			
Woody nightshade	R	Mullein	O
Lords & Ladies	R	Hogweed	O
Broad leaved dock	O	Ivy	F
Hawksbeard	O	White dead nettle	O
Cat's ear	O	Lesser burdock	O
Common nettle	F		
<b>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</b>			
Perennial rye grass	F	Annual meadow grass	O

Cock's foot	F	Yorkshire Fog	O
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Figure 8: Hedgerow H13

H14. This hedgerow is approximately 2m tall and 2m wide. There is one mature pedunculate oak along its length. The hedgerow has a dense canopy and is slightly leggy. There are signs of the hedgerow having been cut in the past but not recently. There is virtually no field margin either side of this hedgerow and no ditch, bank or fence associated with this hedgerow.

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Elder	D	English Elm	O
Blackthorn	F		
<b>Forbs</b>			
Common nettles	D	Ground ivy	O
Umbellifers	O	Ivy	F
Nipplewort	R	Herb Robert	R
<b>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</b>			
Perennial Rye Grass	R	Yellow Oat grass	R

H15. This field boundary is a combination of a semi-mature tree line planted on the eastern edge and a hedgerow on the western edge. The trees are situated approximately every 3m and are approximately 6m tall. The hedgerow is approximately 2m tall and 1m wide. It is not stockproof and is slightly leggy with

a dense canopy. There are signs that the hedgerow has been laid in the past. There is a 1m wide field margin either side of the hedgerow. Along some parts of the hedgerow on its western edge is a shallow dry ditch (<0.25m).

Species	Abundance	Species	Abundance
<b>Trees / Shrubs</b>			
Field maple	O	Elder	F
Bramble	O	Blackthorn	F
Dog rose	O	English Elm	O
<b>Forbs</b>			
Common nettles	F	Hogweed	O
Common cleavers	F	Lords & Ladies	R
Umbellifer sp.	O	White dead nettle	O
Ivy	F		
<b>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</b>			
Yellow oat grass	O	Soft brome	R



Figure 9: Hedgerow H15

H16. This hedgerow is very leggy and has many gaps in it. There are no signs of recent management but there are signs of the hedgerow being laid in the past. The hedgerow is 2.5m tall and 0.5m wide. The field margins are approximately 0.5m wide either side of the hedgerow. There is not a ditch or fence associated with this hedgerow. There is a very small half bank sloping down approximately 0.25m to the southern field. From approximately half way along the western end the hedgerow is more like a tree line.



<b>Species</b>	<b>Abundance</b>	<b>Species</b>	<b>Abundance</b>
<b><i>Trees / Shrubs</i></b>			
Pedunculate oak	O	Blackthorn	O
Hawthorn	O	Field maple	F
Elder	O	Wych Elm	O
Dog rose	O		
<b><i>Forbs</i></b>			
Common nettle	A	Common cleavers	A
Cut-leaved crane's bill	O	Umbellifer sp.	O
Creeping thistle	O	Ground ivy	O
Ivy	F	Hogweed	O
Hedge bindweed	R	Lesser Burdock	R
<b><i>Grasses / Sedges / Ferns / Reeds / Rushes / Horsetails</i></b>			
Yellow oat grass	O		