

# Appendix 7.3 Phase 1 Habitat Survey Target Notes

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Target Note	Date	Phase 1 Habitat Type / Feature	Description
1	24/08/2011	Marshy grassland / acid grassland mosaic	<p>Mosaic of swards of wet spp in flatter areas and acid spp along slopes and edges of water course. Occasional patchy swards of mat-grass (<i>Nardus stricta</i>) dominated acid grassland mixed into marshy grassland. Some neutral species present along track.</p> <p>Marshy grassland dominate spp: soft rush (<i>Juncus effuses</i>), sharp-flowered rush (<i>Juncus acutiflorus</i>).</p> <p>Acid grassland dominant/abundant spp: wavy-hair grass (<i>Deschampsia flexuosa</i>), tormentil (<i>Potentilla erecta</i>), heath bedstraw (<i>Galium saxatile</i>), mat-grass.</p>
2	24/08/2011	Marshy grassland / acid grassland mosaic	Mosaic of marshy grassland and acid grassland with <i>Sphagnum</i> spp. other moss spp ( <i>Polytrichum commune</i> and <i>Pleurozium Schreberi</i> ).
3	24/08/2011	Blanket bog	Dominated by hare's-tail cotton grass ( <i>Eriophorum vaginatum</i> ). Abundant matt grass, wavy-hair grass. Frequent heather ( <i>Calluna vulgaris</i> ), cross-leaved heath ( <i>Erica tetralix</i> ). Occasional cranberry ( <i>Vaccinium oxyoccos</i> ) and bog asphodel ( <i>Narthecium ossifragum</i> )
4	24/08/2011	Marshy grassland / acid grassland mosaic	Swards of marshy grassland dominated by soft rush and sharp-leaved rush with some frequent tufted-hair grass ( <i>Deschampsia cespitosa</i> ) and patch swards of acid species with dominant wavy hair grass and tormentil. Moss species present <i>Polytrichum commune</i> and some <i>Sphagnum</i> spp.
5	24/08/2011	Blanket bog	Large area of blanket bog dominated by hare's-tail cotton grass. Frequent heather, cross-leaved heath, bilberry ( <i>Vaccinium mytilus</i> ). Carpets of <i>Sphagnum</i> dominated moss species frequent <i>Polytrichum commune</i> and <i>Pleurozium Schreberi</i> .
6	24/08/2011	Blanket bog	Less ericoid species in this area and acid species become more abundant with species present such as wavy hair grass and tormentil. Hare's-tail cotton grass is dominant in this area with abundant <i>Sphagnum</i> species such as <i>S. angermanicum</i> .
7	24/08/2011	Blanket bog	Good quality blanket bog with hares-tail cotton grass and <i>Sphagnum</i> dominant in the area. Other species regularly occurring include heather, wavy-hair grass, cranberry and cross-leaved heath. Bog asphodel is present in the area but rare.

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8	25/08/2011	Marshy grassland	The track side, in and around Libry Moor Wood is marshy grassland, dominated by <i>Juncus</i> spp. particularly soft rush. Tufted-hair grass, sweet vernal grass ( <i>Anthoxanthum odoratum</i> ) and Yorkshire fog ( <i>Holcus lanatus</i> ) are the dominant grass species in the area with frequent stands of marsh thistle ( <i>Cirsium palustre</i> ) present.
9	25/08/2011	Marshy grassland / neutral grassland mosaic	Bank and surrounding area of water course comprises a mosaic of marshy grassland, neutral grassland and tall ruderals.
10	25/08/2011	Marshy grassland	Marshy grassland, dominated by soft and sharp-flowered rush with an under layer of moss and Sphagnum species. <i>Polytrichum commune</i> is dominant in the area.
11	25/08/2011	Blanket bog	Hares-tail cotton grass is the dominant species throughout this area with frequent identification of deergrass ( <i>Trichophorum cespitosum</i> ) cranberry, heather cross-leaved heath, <i>Sphagnum</i> species, bog asphodel and bilberry. Heath milkwort ( <i>Polygala serpyllifolia</i> ) was also identified within the area but less regularly.
12	25/08/2011	Blanket bog	Large area of blanket bog divided by thin patches of Sphagnum and soft rush approximately every 20 m. Bog areas are dominated by hares-tail cotton grass with an abundance of bilberry. Presence of cranberry, heather and cross-leaved heath and wavy-haired grass are frequent with occasional presence of tormentil.
13	25/08/2011	Wet modified bog	Hares-tail cotton grass is present within the area but is <i>Sphagnum</i> poor with other moss species present. Acid grass species are frequent such as: tormentil, wavy-hair grass and Purple-moor grass ( <i>Molinia caerulea</i> ). Sharp-leaved rush is also present throughout.
14	25/08/2011	Blanket bog / wet modified bog mosaic	Blanket bog is the dominant habitat type within the mosaic. Two habitat species fluctuate to high-low species and vary from <i>S. papillosum</i> , <i>S. capillifolium</i> and <i>S. magellanicum</i> . Hare's-tail cotton grass is dominant throughout with frequent identification of tormentil, wavy-hair grass and bilberry.
15	25/08/2011	Wet modified bog	As above with additional identification of crowberry and cross-leaved heath. Purple-moor grass was identified sparingly in the area.
16	25/08/2011	Possible Grouse Leking Site	Area heavily grazed cairn or stone structure at top in piles. Potential grouse lek in open area with grouse faeces on stones.

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17	25/08/2011	Blanket bog	Area of blanket bog which is flat but quite damp. The area is dominated with wavy-hair grass with other species frequently identified such as: heather, cranberry, cross-leaved heath and abundant <i>S. capillifolium</i> and <i>S. magellanicum</i> .
18	25/08/2011	Blanket bog	Large areas of blanket bog with patches of wet modified bog and large narrow flush areas with <i>Sphagnum</i> species abundant and cranberry frequent.
19	25/08/2011	Blanket bog	Blanket bog with patches of wet modified bog around land drains.
20	25/08/2011	Blanket bog	Blanket bog with patches of wet modified bog around land drains.
21	25/08/2011	Flush	Areas of flush within and around tributaries to main water course.
22	25/08/2011	Flush	Flush areas of <i>Juncus</i> species and <i>Sphagnum</i> species. The bank/ slope of the water course is acid grassland dominated by tormentil and heath bed straw.

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