

Appendix 7.4 NVC Survey Target Notes

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Appendix 7.4 NVC Survey Target Notes

Target Notes

Target Note	Grid Reference	Description
1	NS 68922 10164	A small ridge area. NVC Community U6 on raised dry areas with M20 and areas of rush on the lower topography.
2	NS 69034 09755	A small area of swamp. Dominated by a mix of water horsetail (<i>Equisetum fluviatile</i>) and a large sedge, probably bottle sedge (<i>Carex rostrata</i>) with sheep's sorrel (<i>Rumex acetosa</i>), marsh thistle (<i>Cirsium palustre</i>), Yorkshire fog (<i>Holcus lanatus</i>), marsh bedstraw (<i>Galium palustre</i>). Bryophyte was noted to be poor.
3	NS 69057 10056	Expanse of NVC Community M20; flat on deep peat. Some areas were noted to be more species diverse with deergrass (<i>Trichophorum germanicum</i>), bog asphodel (<i>Narthecium ossifragum</i>), round leaved sundew (<i>Drosera rotundifolia</i>), cross-leaved heath (<i>Erica tetralix</i>), and heather (<i>Calluna vulgaris</i>), in addition to wetter areas with bottle sedge. A reasonable coverage of <i>Sphagnum capillifolium</i> was recorded with less coverage of <i>Sphagnum papillosum</i> in addition to hummocks of <i>pleurocarps</i> .
4	NS 69199 10576	Large expanse of NVC Community M23.
5	NS 69273 10913	Rank sward of soft rush (<i>Juncus effusus</i>) with Yorkshire fog and tufted hair grass (<i>Deschampsia cespitosa</i>). Species-poor. This areas shows up on aerial as pale patches; possibly due to burning or ploughing. No bryophyte cover.
6	NS 69378 11716	Patchwork hillside. Areas of rush pasture dominated by sharp-flowered rush (<i>Juncus acutiflorus</i>) and more rank areas with soft rush plus patches of purple moor-grass (<i>Molinia caerulea</i>) and heath rush (<i>Juncus squarrosus</i>). Grazed hard. Species-poor.
7	NS 69380 09916	Upper valley within site boundary. South facing slope on steepest slope supports areas of species-rich and neutral to base-rich flushed areas, NVC Community CG10b with fairy flax (<i>Linum catharticum</i>), heath grass (<i>Danthonia decumbens</i>), common dog violet (<i>Viola riviniana</i>), common butterwort (<i>Pinguicula vulgare</i>), flea sedge (<i>Carex pulicaris</i>), thyme (<i>Thymus polytrichus</i>), sheep's fescue (<i>Festuca ovina</i>), common sedge (<i>Carex flacca</i>), common cat's ear (<i>Hypochaeris radicata</i>), selfheal (<i>Prunella vulgaris</i>) and localised wefts of <i>Palustriella commutata</i> . Otherwise the south-facing slope stands as a good example of NVC Community U5a. The north-facing slope supports NVC Community U5b. A few self-set conifers were recorded surviving on the slopes.
8	NS 69446 09945	Marshy grassland below fence is notably more species-rich than generally seen on the site with mild base influence.
9	NS 69575 11106	Lower valley, very steep sides with cliffs and rock exposures. Scattered rowan (<i>Sorbus aucuparia</i>), downy birch (<i>Betula pubescence</i>) and mature aspen trees (<i>Populus tremula</i>). Thin skeletal soil with dry heath, probably H10 but too

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		steep to investigate. Stands of lemon scented fern. Likely to be botanically interesting but would need surveyed from valley bottom.
10	NS 69694 10091	Complex of soft rush dominated flush and marshy grassland. Generally species-poor.
11	NS 69903 10715	NVC Community M20. Still species poor but wetter with some cranberry (<i>Vaccinium oxycoccus</i>), cross leaved heath, deergrass and round leaved sundew.
12	NS 69981 09634	Deep peat and wetter. NVC Community M20 but has greater cover of <i>Sphagnum capillifolium</i> and <i>Sphagnum papillosum</i> . Occasional plants of bog asphodel and cross leaved heath is more frequent. Hare's tail cotton grass (<i>Eriophorum vaginatum</i>) is still tussocky and dominant with bilberry (<i>Vaccinium myrtillus</i>) and wavy hair grass (<i>Deschampsia flexuosa</i>) and <i>pleurocarpous</i> mosses. Deergrass is present in wetter areas and <i>Sphagnum magellanicum</i> is present but rare.
13	NS 70507 09750	NVC Community M20 in slight hollow with better bog assemblage including cranberry. Odd patch of <i>Shagnum papillosum</i> and <i>Shagnum capillifolium</i> .
14	NS 70564 09763	NVC Community M20 but a bit wetter and flatter.
15	NS 70567 10595	Typical NVC Community M20. Species-poor. Heavy grazing. Dry. Peat over 0.5m (probed).
16	NS 70728 11110	Valley downstream of bridge. Steep sided with thin soils. On the north facing slope there are areas of lemon scented fern (<i>Oreopteris limbosperma</i>) vegetation NVC Community U19. On the south-facing slope there are areas of species-rich heath with a shrub layer of heather and bell heather (<i>Erica cinerea</i>) with thyme, bird's foot trefoil (<i>Lotus corniculatus</i>), common cat's ear with fine grasses. Some landslips present becoming vegetated with NVC Community U1. Scattered hawthorn (<i>Crataegus monogyna</i>) and rowan.
17	NS 70862 10200	NVC Community M20. Limited diversity. Gentle slope with regular moor grips.
18	NS 71002 10006	Common lizard (<i>Zootoca vivipara</i>).
19	NS 70676 10362	Duck flighting pond. Soft rush margins. Species-poor. No margins or other aquatic species of value recorded.

Species List

Common Name	Scientific Name
Velvet bent	<i>Agrostis canina</i>
Common bent	<i>Agrostis capillaris</i>
Creeping bent	<i>Agrostis stolonifera</i>
Early hair grass	<i>Aira praecox</i>
Sweet vernal grass	<i>Anthoxanthum odoratum</i>
Hard fern	<i>Blechnum spicant</i>
Heather	<i>Calluna vulgaris</i>
Cuckoo flower	<i>Cardamine pratensis</i>
Star sedge	<i>Carex echinata</i>
Glaucous sedge	<i>Carex flacca</i>
Common sedge	<i>Carex nigra</i>
Carnation sedge	<i>Carex panicea</i>
Flea sedge	<i>Carex pulicaris</i>
Bottle sedge	<i>Carex rostrata</i>
Marsh thistle	<i>Cirsium palustre</i>
Hawthorn	<i>Crataegus monogyna</i>
Heath grass	<i>Danthonia decumbens</i>
Tufted hair grass	<i>Deschampsia cespitosa</i>
Wavy hair grass	<i>Deschampsia flexuosa</i>
Round leaved sundew	<i>Drosera rotundifolia</i>
Narrow buckler fern	<i>Dryopteris carthusiana</i>
Male fern	<i>Dryopteris felix mas</i>
Marsh willowherb	<i>Epilobium palustre</i>
Water horsetail	<i>Equisetum fluviatile</i>
Cross leaved heath	<i>Erica tetralix</i>

Common Name	Scientific Name
Common cotton grass	<i>Eriophorum angustifolia</i>
Hare's tail cotton grass	<i>Eriophorum vaginata</i>
Eyebright species	<i>Euphrasia agg.</i>
Sheep's fescue	<i>Festuca ovina</i>
Red fescue	<i>Festuca rubra</i>
Marsh bedstraw	<i>Galium palustre</i>
Heath bedstraw	<i>Galium saxatile</i>
Yorkshire fog	<i>Holcus lanatus</i>
Common cat's ear	<i>Hypochaeris radicata</i>
Sharp flowered rush	<i>Juncus acutiflorus</i>
Jointed rush	<i>Juncus articulatus</i>
Soft rush	<i>Juncus effusus</i>
Heath rush	<i>Juncus squarrosus</i>
Bird's foot trefoil	<i>Lotus corniculatus</i>
Heath woodrush	<i>Luzula multiflora</i>
Hairy woodrush	<i>Luzula pilosa</i>
Purple moor grass	<i>Molinia caerulea</i>
Mat grass	<i>Nardus stricta</i>
Bog asphodel	<i>Narthecium ossifragum</i>
Lemon scented fern	<i>Oreopteris limbosperma</i>
Wood sorrel	<i>Oxalis acetosa</i>
Lousewort species	<i>Pedicularis sp.</i>
Ribwort plantain	<i>Plantago lanceolata</i>
Smooth meadow grass	<i>Poa pratensis</i>
Rough meadow grass	<i>Poa trivialis</i>
Milkwort	<i>Polygala serpyllifolia</i>

Common Name	Scientific Name
Tormentil	<i>Potentilla erecta</i>
Bracken	<i>Pteridium aquilinum</i>
Meadow buttercup	<i>Ranunculus acris</i>
Lesser spearwort	<i>Ranunculus flammula</i>
Creeping buttercup	<i>Ranunculus repens</i>
Common sorrel	<i>Rumex acetosa</i>
Broad leaved dock	<i>Rumex obtusifolius</i>
Dandelion	<i>Taraxicum agg.</i>
Wild thyme	<i>Thymus polytrichus</i>
Deer grass	<i>Trichophorum germanicum</i>
Bilberry	<i>Vaccinium myrtillus</i>
Cranberry	<i>Vaccinium oxycoccus</i>
Marsh violet	<i>Viola palustris</i>
Common dog's violet	<i>Viola riviniana</i>
Bryophytes	
	<i>Aulacomium palustre</i>
	<i>Calliergonella cuspidata</i>
	<i>Dicranum majus</i>
	<i>Dicranum scoparium</i>
	<i>Hylocomium splendens</i>
	<i>Palustriella commutata</i>
	<i>Pleurozium schreberi</i>
	<i>Pohlia nutans</i>
	<i>Polytrichum commune</i>
	<i>Polytrichum commune</i>
	<i>Rhytidiadelphus loreus</i>

Common Name	Scientific Name
	<i>Rhytidiadelphus squarrosus</i>
	<i>Sphagnum capillifolium</i>
	<i>Sphagnum denticulatum</i>
	<i>Sphagnum fallax</i>
	<i>Sphagnum magellanicum</i>
	<i>Sphagnum palustre</i>
	<i>Sphagnum palustre</i>
	<i>Sphagnum papillosum</i>
	<i>Sphagnum subnitens</i>