

Appendix 8.2 – Phase 1 Habitat Survey Target Notes

TN No.	Comments
1	Dune vegetation behind sea wall. <i>Ammophila arenaria</i> dominant with occasional <i>Silene uniflora</i> , <i>Lymus arenarius</i> , <i>Plantago lanceolata</i> , <i>Festuca rubra</i> , <i>Galium</i> sp. and <i>Galium verum</i> . A range of neutral/mesotrophic herbs were also present including occasional <i>Taraxacum officinalis</i> agg., <i>Dactylis glomerata</i> , <i>Cirsium arvense</i> , <i>Senecio jacobaea</i> and rarely <i>Achillea millefolium</i> and <i>Trifolium</i> sp.. <i>Rubus fruticosus</i> agg. was occasional overall but frequent locally. Rabbit warrens were occasionally noted. Escaped garden plants were rarely noted including red hot poker plant.
2	The width of the dune was markedly reduced at this point owing to squeezing between the campsite to the west and the sea wall to the east. Vegetation was dominated by <i>Lymus arenarius</i> with abundant <i>Festuca rubra</i> and occasional <i>Tripleurospermum</i> sp. Garden compost waste was occasionally noted.
3	Rocks and sand dominant in this area. <i>Festuca rubra</i> frequent, <i>Coronopus squamatus</i> and <i>Honckenya peploides</i> locally abundant with <i>Carex arenaria</i> , <i>Ammophila arenaria</i> , <i>Lymus arenarius</i> and <i>Tripleurospermum</i> sp. occasional.
4	Thornton Burn. Small rocky stream of approximately 5m in width with a moderate fast water flow less than 0.5m deep. Stream banks with patches of mown grassland dominated by <i>Lolium perenne</i> and occasional <i>Bellis perennis</i> close to the coast. Further upstream bankside vegetation was more structurally complex and included a mixture of ruderal, wetland and scrub species such as frequent <i>Cirsium arvense</i> , <i>Silene dioica</i> , <i>Equisetum palustre</i> , <i>Galium aparine</i> and occasional <i>Rubus fruticosus</i> agg., <i>Sambucus nigra</i> , <i>Ulex europeus</i> , <i>Urtica dioica</i> , <i>Epilobium</i> sp., <i>Sonchus asper</i> , <i>Cirsium vulgare</i> and <i>Anchusa arvensis</i> . <i>Oenanthe crocata</i> was rarely noted. Within the stream channel <i>Glyceria fluitans</i> was locally frequent and <i>Veronica beccabunga</i> and <i>Rorippa naturtum-aquaticum</i> were occasional with <i>Juncus buffonis</i> occasional at the water shore.
5	Area of dense continuous scrub with abundant <i>Ulex europeus</i> and <i>Cytisus scoparius</i> and frequent <i>Salix</i> sp. Stream banks with grassy vegetation dominated by <i>Agrostis stolonifera</i> and <i>Holcus lanatus</i> w with frequent <i>Urtica dioica</i> , <i>Cirsium arvense</i> , <i>Epilobium</i> sp. and <i>Rumex obtusifolius</i> . <i>Hirundo rustica</i> , <i>Riparia riparia</i> , <i>Sylvia communis</i> , <i>Delichon urbica</i> and <i>Prunella modularis</i> all noted foraging/singing. Good potential for an otter holt/shelter in this area.
6	Single otter spraint on in-stream bolder. Fresh appearance but partly washed out owing to recent rain.
7	Small patch of riparian woodland on north stream bank dominated by <i>Salix</i> sp.. Ground flora dominated by <i>Poa</i> sp. and with frequent <i>Urtica dioica</i> , <i>Galium aparine</i> , <i>Stellaria media</i> and occasional <i>Oenanthe crocata</i> and <i>Arctium minus</i> . Stream banks steep sided, approximately 1.5 - 2.0m in height and of sandy/gravel composition. Several concrete blocks flytipped and small gravel bar/island within stream channel.
8	Field of wheat cultivated to within 4m of stream. No buffer strip present, however, area directly adjoining stream not cultivated owing to steep sided/vertical banks.
9	Bare earth track linking field with road. Annual and disturbance tolerant plants present in this area comprised of occasional <i>Fumaria officianlis</i> , <i>Plantago lanceolata</i> and <i>Tripleurospermum</i> sp.
10	Rank grassland/tall ruderal road verge leading downslope to stream. Dominated by <i>Festuca rubra</i> with abundant <i>Epilobium</i> sp. frequent <i>Anthriscus sylvestris</i> , <i>Plantago lanceolata</i> , <i>Equisetum</i> sp. and <i>Centaurea nigra</i> occasional <i>Cirsium arvense</i> , <i>Achillea millefolium</i> , <i>Vicia hirsutam</i> , <i>Lathyrus pratensis</i> , <i>Heracleum sphondylium</i> , <i>Fraxinus excelsior</i> saplings and <i>Tusilago farara</i> . <i>Rubus fruticosus</i> agg. locally abundant.
11	Moderately species-rich grassland road verge of approximately 2-3m width. Abundant <i>Festuca rubra</i> and <i>Arrhenatherum elatius</i> , frequent <i>Equisetum</i> sp., <i>Plantago lanceolata</i> and <i>Anthriscus sylvestris</i> , occasional <i>Dactylis glomerata</i> , <i>Poa</i> sp., <i>Lathyrus pratensis</i> , <i>Vicia sepium</i> , <i>Heracleum sphondylium</i> and <i>Centaurea nigra</i> . Dense scrub dominated steep bank leading away from road to arable field with abundant <i>Rubus fruticosus</i> agg., frequent <i>Crateagus monogyna</i> , <i>Buddleja davidii</i> and occasional <i>Rosa</i> sp. and <i>Fraxinus excelsior</i> . In places scrub thinned out and <i>Chamerion angustifolium</i> was dominant.
12	Rank neutral grassland on steeply sloping hillside with frequent bare earth. Abundant <i>Poa</i> sp. and <i>Dactylis glomerata</i> with frequent <i>Centauraea nigra</i> and occasional <i>Heracleum sphondylium</i> , <i>Cruciata laevipes</i> , <i>Primula veris</i> , <i>Louts corniculatus</i> , <i>Veronic chamaedrys</i> , <i>Plantago lanceolata</i> . At the base of the slope grassland graded into a tall ruderal community with scattered scrub with <i>Urtica dioica</i> abundant, <i>Ulex europeus</i> frequent and <i>Crataegus monogyna</i> and <i>Sambucus nigra</i> occasional. Rabbit warrens were frequently noted in this area. Badger setts may be present within the grassland although no setts or field signs were noted. Moving seawards along steep bank and beyond a fence adjacent to the radio mast the vegetation was of a similar composition but was much ranker/grass dominant with bare earth only rarely noted. The following additional species which are locally frequent to occasional: <i>Silene dioica</i> , <i>Silene latifolia</i> , <i>Galium verum</i> , <i>Urtica dioica</i> , <i>Ranunculus repens</i> , <i>Rumex acetosa</i> , <i>Rumex obtusifolius</i> and <i>Primula vulgaris</i> .
13	Rabbit warren with several entrances large enough to accommodate badger. No badger field signs noted. Entrances overgrown with overhanging vegetation indicate infrequent use.
14	Arable weed community in small linear band of bare earth (approx. width 1.5m) at field edge. The following species were occasional: <i>Fumaria officianalis</i> , <i>Anchusa arvensis</i> , <i>Chaemopodium</i> sp., <i>Equisetum</i> sp. and <i>Aphanes arvensis</i> .
15	Mosaic of arable weeds and disturbance tolerant vegetation in a band (approx. width 3m) which separated coastal vegetation from arable field. The following species were frequent to occasional: <i>Anchusa arvensis</i> , <i>Papaver rhoeus</i> , <i>Papaver dubium</i> , <i>Cirsium arvense</i> , <i>Silene latifolia</i> , <i>Stellaria media</i> , <i>Tripleurospermum</i> sp., <i>Urtica dioica</i> , <i>Heracleum sphondylium</i> , <i>Reseda luteola</i> , <i>Ononis repens</i> and <i>Matricaria discoidea</i> .
16	Mosaic of coastal grassland and dune vegetation. The coastal grassland included abundant <i>Festuca rubra</i> with occasional <i>Ononis repens</i> , <i>Galium verum</i> , <i>Achillea millefolium</i> and <i>Carex arenaria</i> . Sand dune vegetation was co-dominated by <i>Ammophila arenaria</i> and <i>Lymus arenarius</i> .
17	See TN23.

18	Patch of dense, planted scrub in a matrix of rank grassland. The following scrub species were all frequent: <i>Pinus</i> sp., <i>Rosa</i> sp., <i>Rubus fruticosus</i> agg. and <i>Acer pseudoplatanus</i> . Grassland was dominated by <i>Arrenatherum elatius</i> and <i>Dactylis glomerata</i> . Arable weeds were noted along the field edge similar to TN14 but also including occasional <i>Lamium amplexicaule</i> .
19	Mosaic of rank grassland, tall ruderal vegetation and dense scrub along verge in between arable field and road. Grassland of similar composition to TN11 but with occasional <i>Potentilla reptans</i> , <i>Cirsium arvense</i> , <i>Lotus corniculatus</i> and <i>Festuca arundinacea</i> . Close to the road the grassland was closely mown and <i>Festuca rubra</i> was the dominant species and not <i>Arrenatherum elatius</i> . Tall ruderal vegetation was dominated by <i>Chamerion angustifolium</i> . Dense scrub was dominated by <i>Rosa</i> sp. and <i>Rubus fruticosus</i> agg.
20	Small stream crossing an arable field. Approximate stream dimensions of 1.5m width and <0.5m depth. Cultivation to within approximately 1.5m of the stream. Stream banks fairly densely vegetated with rank grassland, tall ruderal and scattered scrub frequently overshading the channel. The following bankside species were noted: <i>Arrenatherum elatius</i> was dominant with frequent <i>Iris pseudacorus</i> , <i>Urtica dioica</i> , <i>Epilobium</i> sp., and occasional <i>Crataegus monogyna</i> , <i>Sambucus nigra</i> and <i>Rubus fruticosus</i> agg.
21	Area of rank grassland dominated by <i>Arrenatherum elatius</i> and broadly of similar composition to TN11 (though without scrub as per TN11) with occasional, scattered <i>Ulex europeus</i> scrub.
22	Area of rank grassland dominated by <i>Arrenatherum elatius</i> and broadly of similar composition to TN11 (though without scrub as per TN11) with occasional, scattered <i>Ulex europeus</i> scrub.
23	Area of coastal grassland mainly dominated by grasses but with abundant forbs. The following species were recorded: Abudant <i>Festuca rubra</i> and locally abundant <i>Dactylis glomerata</i> frequent <i>Lotus corniculatus</i> , <i>Achillea millefolium</i> , <i>Plantago lanceolata</i> , <i>Veronica chamaedrys</i> , <i>Holcus lanatus</i> , <i>Ononis repens</i> and <i>Poa</i> sp. with locally frequent <i>Galium Verum</i> and <i>Thalictrum minus</i> . The following species were occasional but widespread in the sward: <i>Silene dioica</i> , <i>Silene vulgaris</i> , <i>Centaura nigra</i> , <i>Ulex europeus</i> scrub, <i>Ranunculus bulbosus</i> , <i>Ranunculus acris</i> , <i>Primula vulgaris</i> , <i>Veronic persica</i> , <i>Ammophilia arenaria</i> , <i>Vicia sativa</i> , <i>Heracleum sphondylium</i> , <i>Trisetum flavescens</i> and <i>Potentilla</i> repen.
24	Small stream draining from arable farmland to the east to the coast through a steep rocky gully. The gully is partially vegetated with coastal grassland of similar composition to TN23 but with occasional <i>Armeria maritima</i> and with occasional <i>Rubus fruticosus</i> and <i>Sambucus nigra</i> scrub.
25	Semi-improved, occasionally mown neutral grassland road verge with stone wall at boundary between verge and arable field. <i>Festuca rubra</i> dominant to abundant with <i>Lotus corniculatus</i> , <i>Trifolim dubium</i> , <i>Plantago lanceolata</i> , <i>Trifolium repens</i> and <i>Achillea millefolium</i> frequent. The following species were recorded occasionally: <i>Dactylis glomerata</i> , <i>Centaurea nigra</i> and <i>Taraxacum officianale</i> . The following species were rarely noted: <i>Crepis vesicaria</i> and <i>Cirsium vulgare</i> . Towards the stone wall where the verge was uncut <i>Arrhenatherum elatius</i> was locally abundant and <i>Urtica dioica</i> locally frequent.
26	As per TN25 but poorer in diversity/abundance of herbaceous species and greater abundance of <i>Arrenatherum elatius</i> possibly owing to lack of mowing.
27	Rank grassland as per TN27 either side of a mossy farm track. The following species were recorded on the farm track itself: locally abundant <i>Sedum</i> sp. with frequent <i>Rhytidadelphus squarrosum</i> . At the edges of the cropped area of the arable field a fairly typical weed community was noted including frequent <i>Papaver rhoes</i> and <i>Anisantha sterilis</i> .
28	Dense scrub dominated by <i>Crataegus monogyna</i> with occasional <i>Rosa</i> sp. and <i>Sambucus nigra</i> . Directly adjacent to the road was a thin band of semi-improved, neutral grassland dominated by <i>Festuca rubra</i> and as per TN25 .
29	Conifer shelter belt dominated by <i>Pinus</i> sp. with occasional <i>Acer pseudoplatanus</i> .
30	Dense scrub dominated by <i>Crataegus monogyna</i> grading into semi-improved neutral grassland moving west along road.
31	Defunct hedgerow of approximately 1.5m height, 1m width and with a well maintained wire fence against one side. Hedgerow dominated by <i>Crataegus monogyna</i> and with frequent <i>Rosa</i> sp.
32	Tarmaced/gravelled path running parallel to southern edge of arable field. Typical arable field edge weed community with <i>Anisantha steialis</i> dominant, <i>Bromus hordeaceus</i> frequent, <i>Papaver rhoes</i> and <i>Viola arvensis</i> locally abundant and <i>Sinapis arvensis</i> frequent. Separating arable field from road verge a defunct but fairly dense hedgerow of approximately 1.5m high and 1m wide was noted. Hedgerow dominated by <i>Crataegus monogyna</i> and with occasional <i>Rosa</i> sp. and <i>Sambucus nigra</i> and with <i>Fagus sylvatica</i> rarely noted. Road verge and tussocky grassland up against hedgerow and road edges with <i>Arrenatherum elatius</i> and <i>Festuca rubra</i> co-dominant and with a similar assemblage of species to TN25 but with occasional <i>Trifolium campestre</i> and <i>Vicia hirsuta</i> and rarely recorded <i>Tragapogon pratensis</i> agg.
33	Path along edge of arable field with a stone wall with tussocky grassland/scrub at base. <i>Rubus fruticosus</i> dominant to abundant with <i>Arrenatherum elatius</i> abundant, <i>Anthriscus sylvestris</i> frequent and <i>Cirsium arvense</i> occasional.
34	Potato arable field with typical arable weed community at field edges. Defunct hedgerow of approximately 1.5m height and 1m width. <i>Crataegue monogyna</i> and <i>Rosa</i> sp. co-dominant with <i>Rubus fruticosus</i> agg. occasional and <i>Sambucus nigra</i> rarely noted.
35	Rank grassland road verge on a steep bank sloping away and downhill from road. Dominated by <i>Arrhenatherum elatius</i> , <i>Festuca rubra</i> abundant and with the following occasional to rarely noted species: <i>Taraxacum officinale</i> agg., <i>Vicia hirsuta</i> , <i>Lotus corniculatus</i> , <i>Plantago lanceolata</i> , <i>Trifolium dubium</i> , <i>Dactylis glomerata</i> , <i>Trifolium pratense</i> , <i>Urtica dioica</i> , <i>Anthriscus sylvestris</i> and <i>Centaurea nigra</i> .
36	Arable cultivation to within 1m of field edge where a very small band of rank grassland dominated by <i>Arrenatherum elatius</i> was recorded with locally frequent <i>Myrrhis odorata</i> .
37	Small watercourse of approximately 1m width with water depth <50cm. Sluggish/slow flow of water in channel. Channel heavily overgrown with <i>Epilobium</i> sp. with occasional <i>Iris pseudacorus</i> and locally abundant <i>Impatiens glandulifera</i> and scattered <i>Crataegus monogyna</i> and <i>Rosa</i> sp. Watercourse sunken approximately 1m below surface of arable field. Rank grassland banks leading down to water course dominated by <i>Arrenatherum elatius</i>

	and <i>Dactylis glomerata</i> .
38	Small stream running exiting culvert under road and running through linear plantation woodland/shelter belt. Stream approximately 2m wide and <50cm deep. Bankside vegetation with frequent <i>Urtica dioica</i> , <i>Cirsium arvense</i> and <i>Arrhenatherum elatius</i> with locally abundant <i>Ranunculus repens</i> and <i>Agrostis stolonifera</i> and locally frequent <i>Epilobium</i> sp. The following species were noted occasionally <i>Glyceria</i> sp. (within water at stream edge), <i>Impatiens glandulifera</i> , <i>Arctium minus</i> and <i>Rumex obtusifolius</i> . The shelter belt was comprised of mature <i>Pinus</i> sp. and <i>Fagus sylvatica</i> which were co-dominant and cast a heavy shade leaving a very sparse ground flora.
39	Plantation/shelter belt with the following frequent scrub/semi-mature tree species: <i>Crataegus monogyna</i> , <i>Fraxinus excelsior</i> , <i>Pinus</i> sp., <i>Prunus</i> sp. and <i>Betula pendula</i> .
40	Lower reaches of the Dry Burn north of the A1. Stream moderate flowing and of approximate width 4m and depth 0.3m. Stream flows through a culvert of approximately 50m in length under the A1 and exits into a area of steep banks which are covered with a mosaic of vegetation types often displaying signs of relatively recent disturbance. The following habitat types were noted along the stream corridor: rank grassland, tall ruderal vegetation often incorporating casual species, dense and scattered scrub and areas of bare earth. The banks of the burn are reinforced in several places with piles of large boulders, concrete blocks and stone filled gabions. Scrub species include the following occasional to locally frequent species: <i>Pinus</i> sp., <i>Betula pendula</i> , <i>Ulex europeaus</i> , <i>Alnus glutinosa</i> , <i>Cytisus scoparius</i> and <i>Rubus fruticosus</i> agg.. Rank grassland was dominated by <i>Arrhenatherum elatius</i> with abundant <i>Holcus lanatus</i> , frequent <i>Dactylis glomerata</i> , occasional <i>Rumex acetosa</i> and occasional to locally abundant <i>Urtica dioica</i> . A fairly diverse herb community was noted which was intermixed within the rank grassland but also exploited patches of bare earth. The following species which are all occasional or locally frequent: <i>Cruciata laevis</i> , <i>Dipsacus fullonum</i> , <i>Reseda luteola</i> , <i>Vicia hirsuta</i> , <i>Cirsium arvense</i> , <i>Ononis repens</i> , <i>Tussilago farfara</i> , <i>Medicago lupulina</i> , <i>Rumex obtusifolius</i> , <i>Stachys sylvatica</i> , <i>Epilobium</i> sp. <i>Filipendula ulmaria</i> and locally frequent <i>Impatiens glandulifera</i> and locally abundant <i>Dryopteris affinis</i> agg. The following species were locally frequent close to the culvert entrance under the A1: <i>Sonchus oleraceus</i> , <i>Centaurea nigra</i> , <i>Primula veris</i> and <i>Lynis flos-cuculi</i> . Submerged aquatic vegetation was generally lacking. However, marginal aquatic plants were occasional to locally frequent including: <i>Myosotis laxa</i> , <i>Veronica beccabunga</i> , <i>Rorippa nasturtium-aquaticum</i> and <i>Iris pseudacorus</i> . <i>Ranuculus repens</i> was frequent and <i>Holcus lanatus</i> were abundant close to the stream channel. Areas of young planted <i>Betula pendula</i> occupied the bank adjacent to the neighbouring landfill site.
41	Several piles of otter spraint recorded in culverted stream under A1. Spraint mainly located on small concrete shelf located approximately 0.5m from the base of the culvert. Stream channel has numerous piles of rocks and dense scrub which would be ideal for otter holt/shelter construction.
42	Area sunken below the surface of the road with semi-improved neutral grassland, patches of which were heavily grazed by rabbit. <i>Arrhenatherum elatius</i> and <i>Holcus lanatus</i> co-dominant with frequent <i>Veronica chamaedrys</i> and ruderal species such as <i>Urtica dioica</i> and <i>Senecio jacobaea</i> . Banks sloping up from the grassland to the road were dominated by <i>Crataegus monogyna</i> scrub or <i>Chamerion angustifolium</i> tall ruderal vegetation. Grassy verges directly adjacent to the road were rank and dominated by <i>Arrhenatherum elatius</i> (similar to TN 35) or mown and dominated by <i>Festuca rubra</i> (similar to TN25).
43	Group of mature trees including <i>Fraxinus excelsior</i> with a dense covering of <i>Hedera helix</i> , <i>Ulmus</i> sp. and <i>Acer pseudoplatanus</i> . Road verges in this vicinity were mainly dominated by a rank sward of <i>Arrhenatherum elatius</i> with frequent <i>Urtica dioica</i> , <i>Anthriscus sylvestris</i> , <i>Ranunculus repens</i> and occasional <i>Myrrhis odorata</i> . <i>Rubus fruticosus</i> agg. and <i>Cirsium arvense</i> were both locally frequent. Hedges in this general vicinity were dominated by <i>Crataegus monogyna</i> with locally abundant <i>Rosa</i> sp. and occasional lines of <i>Acer pseudoplatanus</i> . Hedges were mostly intact and of approximately 1.5m high and 1m wide but with frequent gaps.
44	Verges at junction of road dominated by <i>Festuca rubra</i> with a moderate diversity of herb species similar to TN25 . Hedgerows south of this location are co-dominated by <i>Crataegus monogyna</i> and <i>Rosa</i> sp. and are more or less intact with occasional gaps.
45	Gappy hedgerow dominated by <i>Crataegus monogyna</i> . Road verge rank grassland as per TN43 but without <i>Myrrhis</i> and with abundant <i>Holcus lanatus</i> .
46	Localised area where road verge is 4-5m wide as opposed to more typical 2-3m. Verge recently mown. However, semi-improved, neutral grassland broadly as per TN43 but more diverse with additional species such as occasional <i>Centaurea nigra</i> , <i>Trifolium pratense</i> , <i>Leucanthemum vulgare</i> , <i>Lathyrus pratensis</i> , <i>Heracleum sphondylium</i> , <i>Vicia sepium</i> and <i>Stachys sylvatica</i> .
47	Group of semi-mature <i>Ulmus</i> sp. with abundant cover of <i>Hedera helix</i> . Corner of arable field with rank grassland as per TN43 which extends along in-field stone wall as a verge of approximately 1.5m width.
48	Group of mature trees including <i>Quercus robur</i> , <i>Fagus sylvatica</i> and <i>Acer pseudoplatanus</i> . Road verge is approximately 2m in width and comprises rank grassland as per TN43 but with abundant <i>Cirsium arvense</i> . A hedgerow dominated by <i>Ligustrum ovalifolium</i> was noted.
49	Road verge 3-4m wide at this location of similar vegetational composition to TN43 .
50	Dry Burn south of culvert under A1. Broadly similar vegetational community as per TN40 but much grassier with <i>Arrhenatherum elatius</i> dominant on upper banks with frequent <i>Urtica dioica</i> and <i>Heracleum sphondylium</i> . Nearer to the stream <i>Myosotis laxa</i> and <i>Ranunculus repens</i> with <i>Holcus lanatus</i> abundant to frequent. Plantation, broad-leaved woodland dominated by <i>Acer pseudoplatanus</i> was noted on the northern shore of the Burn.
51	Ditch at field edge dominated by <i>Urtica dioica</i> and <i>Rubus fruticosus</i> agg. with scattered <i>Fraxinus excelsior</i> , <i>Ligustrum ovalifolium</i> and <i>Sambucus nigra</i> , <i>Salix</i> sp. and <i>Ulmus</i> sp. scrub. Stream flow slow to imperceptible. Channel mainly not visible owing to scrub/vegetation cover.
52	Hedgerow with frequent gaps comprised of frequent <i>Symporicarpos</i> sp., <i>Rubus fruticosus</i> agg., <i>Rosa</i> sp. and scattered mature <i>Fraxinus excelsior</i> and <i>Quercus robur</i> . Further north from this location hedgerow thickens, has fewer gaps and includes occasional <i>Crataegus monogyna</i> , <i>Ulmus</i> sp. <i>Alnus</i> sp. and <i>Sambucus nigra</i> . Road verge of approximately 2-2.5m in width dominated by <i>Arrhenatherum elatius</i> .
53	Amenity grassland verge of approximately 4m wide with a treeline of <i>Salix</i> sp. and an intact hedgerow of <i>Ulmus</i> sp., <i>Fagus sylvatica</i> and <i>Crataegus monogyna</i> . To north of this location an intact hedgerow was recorded which included frequent <i>Prunus</i> sp., <i>Prunus laurocerasus</i> , <i>Cotoneaster</i> sp. and <i>Ligustrum ovalifolium</i> .
54	Grassland road verge of approximately 2m and dominated by <i>Arrhenatherum elatius</i> .

55	Field of arable crops with hedgerow along eastern edge separating field from woodland beyond. Hedgerow more or less intact and comprised of frequent <i>Symporicarpos</i> sp., <i>Crataegus monogyna</i> with occasional <i>Ilex aquifolium</i> .
56	Plantation mixed woodland on steep slopes down to a small stream comprised of frequent <i>Acer pseudoplatanus</i> , <i>Larix decidua</i> , and occasional <i>Picea</i> sp. and <i>Fraxinus excelsior</i> (probably natural and not planted) and rarely <i>Quercus robur</i> as canopy species which cast a heavy shade over the woodland floor. Understorey comprised of occasional <i>Ulmus</i> sp., <i>Prunus laurocerasus</i> , <i>Ribes</i> sp. and <i>Ilex aquifolium</i> . Ground flora comprised of frequent bare earth with locally frequent <i>Dryopteris affinis</i> agg., <i>Dryopteris</i> sp., <i>Galium aparine</i> and <i>Alium ursinum</i> and occasional <i>Hyacinthoides non-scripta</i> , <i>Geum urbanum</i> and locally abundant <i>Hedera helix</i> . Various species of moss were locally frequent. A small stream of approximately 1.5m in width was in the centre of the woodland which was heavily overshadowed and with no aquatic vegetation. <i>Buteo buteo</i> was heard calling frequently at low level. Possible nest site.
57	Plantation mixed woodland but less diverse in species than TN56 but with occasional rather than frequent bare soil and several different ground flora species recorded including occasional <i>Veronica officinalis</i> , <i>V. Chamaedrys</i> and <i>Silene dioica</i> . In addition, <i>Urtica dioica</i> , <i>Galium aparine</i> and <i>Alium ursinum</i> were locally abundant
58	Semi-improved, neutral grassland with abundant <i>Holcus lanatus</i> and occasional <i>Lotus corniculatus</i> , <i>Plantago lanceolata</i> and <i>Veronica chamaedrys</i> and occasional <i>Cirsium vulgare</i> . Field could not be inspected in detail owing to an electric fence.
59	Path through plantation mixed woodland. Vegetation either side of path fairly lush and comprised of frequent to abundant <i>Sambucus nigra</i> , <i>Silene dioica</i> , <i>Ranuculus repens</i> , <i>Geranium robertum</i> , <i>Urtica dioica</i> , <i>Cirsium arvense</i> and <i>Galium aparine</i> .
60	Semi-improved neutral grassland of moderately high species diversity.
61	Patch of semi-improved neutral grassland dominated by <i>Festuca rubra</i> and occasional <i>Cynosurus cristatus</i> with a range of herb species including occasional <i>Vicia sepium</i> , <i>Trifolium repens</i> and <i>Lotus corniculatus</i> .
62	Line of mature <i>Tilia x europaea</i> <i>Quercus robur</i> .
63	Grassland road verges but with a more woodland ride character. <i>Geranium robertum</i> was noted frequently and <i>Ranunculus repens</i> and <i>Dactylis glomerata</i> were frequent to occasional.
64	Small stream within an area of plantation broad-leaved woodland. Stream was approximately 1m in width and <0.1m in depth. The woodland canopy was comprised of frequent <i>Acer pseudoplatanus</i> with occasional <i>Picea</i> sp., <i>Pinus</i> sp. and <i>Fagus sylvatica</i> . Understorey vegetation was comprised of occasional <i>Symporicarpos</i> sp., <i>Crataegus monogyna</i> and <i>Ulmus</i> sp. Owing to heavy over-shading no aquatic vegetation was present. Woodland ground flora included frequent <i>Ranunculus ficaria</i> with abundant bare earth.
65	A cultivated strip of land/game cover strip at the edge of an arable field with <i>Lolium</i> sp. dominant, <i>Poa</i> sp. and <i>Festuca</i> sp. abundant and <i>Trifolium repens</i> frequent. Along woodland edge <i>Urtica dioica</i> and <i>Rumex obtusifolium</i> frequent.
66	Defunct hedgerow of approximately 1.5m height and 1m width dominated by <i>Crataegus monogyna</i> and with frequent <i>Sambucus nigra</i> sp.
67	Broad-leaved plantation woodland with a fairly semi-natural appearance and structure. Canopy of <i>Fraxinus excelsior</i> , <i>Larix decidua</i> , <i>Fagus sylvatica</i> , <i>Ulmus glabra</i> , <i>Picea</i> sp. and <i>Acer pseudoplatanus</i> all of which were occasional to frequent. Understorey of <i>Crataegus monogyna</i> , <i>Ulmus glabra</i> , <i>Ilex aquifolium</i> , <i>Taxus baccata</i> , <i>Symporicarpus albus</i> and canopy tree saplings all of which were occasional to rare. Ground flora of abundant <i>Urtica dioica</i> and <i>Galium aparine</i> . Locally abundant <i>Dryopteris filix-mas</i> and locally dominant <i>Hedera helix</i> . Frequent species included <i>Silene dioica</i> , <i>Geum urbanum</i> , <i>Moehringia trinervia</i> , <i>Rubus fruticosus</i> , <i>Ranunculus repens</i> , <i>Rumex sanguineus</i> and <i>Veronica chamaedrys</i> , <i>Geranium robertum</i> . Occasional species include <i>Carex sylvatica</i> , <i>Hyacinthoides non-scripta</i> and <i>Stachys sylvatica</i> . Rarely noted in this area include <i>Ruscus aculeatus</i> and <i>Neottia nidus-avis</i> .
68	Moderately herb rich patch of marshy grassland either side of a small stream of approximate width 1m and depth <0.2m. Ground noted to be boggy indicating water-logging at this point. The following species were abundant <i>Ranunculus repens</i> with frequent <i>Epilobium</i> sp., <i>Equisetum palustre</i> , <i>Lathyrus pratensis</i> , <i>Cardamine pratensis</i> and <i>Holcus lanatus</i> . The following species were noted occasionally: <i>Filipendula ulmaria</i> , <i>Ranunculus acris</i> , <i>Juncus effusus</i> , <i>Caltha palustris</i> , <i>Myosotis laxa</i> , <i>Rumex</i> sp. and <i>Carex hirta</i> . Moving away from the stream and upslope, species diversity decreased and the community was noted to change to a rank grassland dominated by <i>Arrhenatherum elatius</i> , frequent <i>Urtica dioica</i> and <i>Cirsium arvense</i> with scattered <i>Ulex europeus</i> .
69	Small linear woodland with canopy species including <i>Acer pseudoplatanus</i> and <i>Fraxinus excelsior</i> and understorey species including <i>Ulmus</i> sp. and <i>Crataegus monogyna</i> . A dense, tussocky, partly marshy, ground flora was present dominated by <i>Arrhenatherum elatius</i> with frequent <i>Rubus fruticosus</i> agg., <i>Dactylis glomerata</i> , <i>Equisetum</i> sp., <i>Holcus lanatus</i> and occasional <i>Geum urbanum</i> , <i>Veronica chamaedrys</i> , <i>Urtica dioica</i> , <i>Myosotis sylvatica</i> , <i>Geranium robertum</i> , <i>Cirsium palustre</i> and <i>Deschampsia cespitosa</i> . <i>Dryopteris filix-mas</i> agg. and <i>Juncus effusus</i> were both abundant locally (in different places).
70	Patch of rank grassland at road junction with frequent ruderal/casual species indicative of recent soil disturbance. <i>Arreheatherum elatius</i> abundant to locally dominant, <i>Poa trivialis</i> abundant with frequent <i>Matricaria discoidea</i> and occasional <i>Bromus hordeaceus</i> . The following species were rarely noted: <i>Epilobium</i> sp. and <i>Sonchus oleraceus</i> .
71	Woodland with canopy dominated by <i>Fraxinus excelsior</i> . A dense scrub layer was noted with frequent <i>Ulmus</i> sp. and occasional <i>Rubus fruticosus</i> agg. and <i>Crataegus monogyna</i> with <i>Betula pendula</i> rarely noted. <i>Lonicera periclymenum</i> was frequent on both canopy trees and scrub. A grassy woodland ground flora was noted with bare soil rarely noted and <i>Dactylis glomerata</i> abundant. <i>Galium odoratum</i> and <i>Dryopteris filix-mas</i> agg. were both locally abundant (in different places) with occasional <i>Geum urbanum</i> , <i>Geranium robertum</i> , <i>Silene dioica</i> , <i>Sanicula europaea</i> and <i>Anthriscus sylvestris</i> .
72	More-or-less intact hedges of approximately 1.5m in height and 1.5m in width. Mainly dominated by <i>Crataegus monogyna</i> .

73	Field drain/stream channel of approximately 1m in width with and <0.5m in depth. Rank grassland was recorded on the banks with abundant <i>Arrhenatherum elatius</i> and frequent <i>Lathyrus pratensis</i> and <i>Rumex obtusifolius</i> but near to the stream channel frequent species characteristic of wet conditions such as abundant <i>Juncus effusus</i> and <i>Holcus lanatus</i> with frequent <i>Ranunculus repens</i> and occasional <i>Myosotis laxa</i> and <i>Epilobium</i> sp. were noted. <i>Oenanthe crocata</i> was locally frequent with occasional scattered <i>Salix</i> sp. scrub. A more-or-less intact hedgerow dominated by <i>Crataegus monogyna</i> (approximately 1m high and wide) was noted along the northern bank of the stream.
74	Small stream of similar character to TN73 but with locally frequent <i>Veronica beccabunga</i> . At this location the grassy verge opposite the road was mown to <5cm on the side of Woodhall Farm. Hedgerows were noted either side of the road. On the side opposite Woodhall Farm the hedgerow was relatively diverse with <i>Ulex europeus</i> , <i>Cytisus scoparius</i> , <i>Rosa</i> sp., <i>Crataegus monogyna</i> , <i>Ilex aquifolium</i> and <i>Rubus fruticosus</i> all frequent to occasional. The hedgerow was approximately 2m in height and 1.5m in width and more-or-less intact. The hedgerow on the side of Woodhall Farm was more heavily managed, of similar dimensions but dominated by <i>Fagus sylvatica</i> .
75	Line of mature <i>Fagus sylvatica</i> grading into scrub dominated by <i>Salix</i> sp. and <i>Crataegus</i> sp.
76	Gappy hedgerow dominated by <i>Crataegus monogyna</i> with frequent <i>Rubus fruticosus</i> agg. of approximate height <1m situated on top of a steep grassy bank comprised of rank <i>Arrhenatherum elatius</i> dominated grassland with a moderate diversity of herb species. Stream heavily overshadowed by hedgerow scrub spp. and <i>Urtica dioica</i> at this location.
77	Grazed improved grassland pasture dominated by <i>Lolium perenne</i> with locally abundant <i>Cirsium arvense</i> and <i>Urtica dioica</i> indicative of local eutrophication perhaps by cattle dunging.
78	Broad-leaved plantation woodland on steep slopes either side of a road with frequent conifers. <i>Fagus sylvatica</i> , <i>Fraxinus excelsior</i> and <i>Acer pseudoplatanus</i> both frequent with occasional <i>Picea</i> sp. and <i>Larix decidua</i> . Ground flora mostly dominated by <i>Holcus mollis</i> and/or <i>Poa nemoralis</i> with locally abundant <i>Urtica dioica</i> and <i>Dryopteris filix-mas</i> agg. (in different places). <i>Oxalis acetosella</i> , <i>Anthriscus sylvestris</i> and <i>Galium aparine</i> were locally frequent (in different places) with <i>Geum urbanum</i> occasional. Mosses were frequent throughout.
79	Expanse of improved grassland pasture dominated by <i>Lolium perenne</i> with frequent <i>Cynosurus cristatus</i> and occasional <i>Cerastium fontanum</i> , <i>Dactylis glomerata</i> , <i>Veronica chamaedrys</i> , <i>Bellis perennis</i> , <i>Cirsium arvense</i> and rarely noted <i>Taraxacum officianale</i> agg.
80	Small stream/spring under electricity pylon route at bottom of valley. The stream was mostly not flowing and the water table was below ground with occasional pooling of water at the ground surface. The valley floor was comprised of marshy grassland dominated <i>Holcus lanatus</i> with frequent <i>Juncus effusus</i> , <i>Urtica dioica</i> and <i>Rumex obtusifolius</i> and <i>Ranunculus repens</i> . In wetter areas, <i>Juncus effusus</i> was abundant with frequent <i>Juncus acutiflorus</i> and locally frequent <i>Caltha palustris</i> , and <i>Metha aquatica</i> and occasional <i>Cardamine pratensis</i> , <i>Ranunculus acris</i> , <i>Anothonanthum odoratum</i> and <i>Rumex acetosa</i> . <i>Glyceria</i> sp. was locally abundant where pooling of water occurred. Stands of <i>Carex disticha</i> were also locally abundant in wetter areas. The moss <i>Calliergonella cuspidata</i> was occasional amongst areas of <i>Juncus effusus</i> .
81	Dense scrub dominated by <i>Ulex europeus</i> on northern slope of valley. Amongst gorse where occasional grassy glades where acid grassland was noted. Acid grassland was dominated by <i>Festuca ovina</i> with frequent <i>Galium saxatile</i> , <i>Agrostis capillaris</i> and <i>Holcus lanatus</i> . <i>Rumex acetosella</i> and <i>Digitalis purpurea</i> were noted occasionally and rarely noted were <i>Pilosella officinarum</i> , <i>Veronica officinalis</i> and <i>Leontodon autumnalis</i> .
82	Line of mature <i>Fagus sylvatica</i> .
83	Grassland verge alongside road of semi-improved, neutral grassland. <i>Festuca rubra</i> and <i>Holcus lanatus</i> abundant with frequent <i>Anoxanthum odoratum</i> and <i>Ranunculus repens</i> . <i>Rumex acetosa</i> and <i>Juncus effusus</i> occasional with <i>Ulex europaeus</i> rare.
84	Wide grassy verge with species composition as per TN83 but with frequent <i>Cynosurus cristatus</i> and occasional <i>Agrostis</i> sp. and additional herb species including occasional <i>Bellis perennis</i> , <i>Conopodium majus</i> and <i>Trifolium repens</i> .
85	Plantation <i>Fagus sylvatica</i> woodland with area which are alternatively dominated by <i>Picea</i> sp. or <i>Larix decidua</i> with <i>Acer pseudoplatanus</i> occasional. Localised areas of clearfell were noted. Under the woodland canopy bare earth was abundant with <i>Holcus mollis</i> frequent, <i>Oxalis acetosella</i> occasional and <i>Calluna vulgaris</i> rare. In areas of clearfell the ground flora was grassy and dominated by <i>Deschampsia flexuosa</i> with frequent to locally abundant <i>Pteridium aquilinum</i> and occasional <i>Calluna vulgaris</i> , <i>Digitalis purpurea</i> , <i>Galium saxatile</i> , <i>Rubus fruticosus</i> agg., <i>Carex binervis</i> and <i>Carex pillulifera</i> . The following species were very locally abundant <i>Juncus squarrosum</i> and <i>Luzula sylvatica</i> (in different places).
86	Coniferous woodland dominated by <i>Picea</i> sp. with a sparse ground flora.
87	Improved grassland dominated by <i>Lolium perenne</i> with occasional herbs of slightly more unimproved conditions such as <i>Plantago lanceolata</i> , <i>Lotus corniculatus</i> and <i>Bellis perennis</i> .
88	Stream banks moderately diverse including both acidic and neutral indicators such as <i>Festuca ovina</i> dominant, <i>Plantago lanceolata</i> frequent, <i>Veronica officinalis</i> , <i>Leontodon autumnalis</i> , <i>Potentilla erecta</i> , <i>Galium saxatile</i> , <i>Trifolium repens</i> and <i>Cynosurus cristatus</i> occasional.
89	Rush mire at bottom of Weatherly Burn valley. Valley relatively small with approximately 5-10m elevation from top to bottom. Target note covers vegetation recorded between this location and 250m upstream on both of the two tributaries. <i>Juncus effusus</i> abundant to dominant with <i>Juncus acutiflorus</i> locally abundant, abundant <i>Holcus lanatus</i> with frequent <i>Ranunculus repens</i> and <i>Rumex acetosa</i> with occasional <i>Cynosurus cristatus</i> , <i>Anoxanthum odoratum</i> , <i>Ranunculus acris</i> , <i>Equisetum palustre</i> , <i>Caltha palustris</i> , <i>Myosotis scorpioides</i> , <i>Cardamine pratensis</i> , <i>Carex nigra</i> and <i>Conopodium majus</i> . Occasional to rarely noted <i>Ranunculus flammula</i> . <i>Chrysosplenium oppositifolium</i> was locally frequent. Mid and upper slopes of stream valley were dominated by <i>Pteridium aquilinum</i> with occasional to locally dominant <i>Ulex europaeus</i> . Stream channel itself was stoney bottomed and 1-2m wide and water flow was slow and dried out moving upstream. Signs of cattle grazing and poaching were frequent either side of the stream.

90	Rush mire on plateau area at top of slope but less diverse than TN89 . <i>Juncus effusus</i> and <i>J. acutiflorus</i> co-dominant with frequent <i>Rumex acetosa</i> , <i>Holcus lanatus</i> , <i>Anoxanthum odoratum</i> and occasional <i>Cirsium arvense</i> , <i>C.palustris</i> , <i>Ranunculus repens</i> , <i>Lathyrus pratensis</i> , <i>Cardamine pratensis</i> and <i>Urtica dioica</i> .
91	Rush mire similar in composition to TN89, however, of slightly lower diversity and with a number of different herb species such as occasional <i>Veronica beccabunga</i> , <i>Geranium pratense</i> and <i>Galium palustre</i> . <i>Salix</i> sp. scrub very locally frequent to the south of this location.
92	Plantation wit <i>Abies</i> sp. and <i>Larix decidua</i> . Sparse understorey dominated by bare earth and with rarely noted <i>Hyacinthoides non-scripta</i> . Either side of stream an area with no conifers (possibly a felled area) was noted and was dominated by <i>Pteridium aquilinum</i> and <i>Rubus fruticosus</i> agg. with occasional <i>Digitalis purpurea</i> .
93	Heath community with abundant <i>Calluna vulgaris</i> , frequent <i>Juncus squarrosum</i> and <i>Molinia caerulea</i> , occasional <i>Vaccinium myrtillus</i> , <i>Erica tetralix</i> , <i>Potentilla erecta</i> , <i>Trichophorum cespitosum</i> , <i>Deschampsia flexuosa</i> , <i>Nardus stricta</i> and <i>Cladonia</i> sp. and rarely noted <i>Empetrum nigrum</i> ssp. <i>nigrum</i> , <i>Carex pilulifera</i> , <i>Polygala serpyllifolia</i> , <i>Luzula multiflora</i> and <i>Dactylorhiza maculata</i> . Bryophytes were abundant overall including: <i>Spaghnum capillifolium</i> which was occasional to locally abundant, <i>Pleurozium schreberi</i> and <i>Rhytidadelphus squarrosum</i> which were frequent and <i>Hypnum jutlandicum</i> , <i>Hylocomium splendens</i> , <i>Spaghnum fallax</i> and <i>Rhytidadelphus loreus</i> which were occasional.
94	Improved grassland with dominant to abundant <i>Lolium perenne</i> , frequent <i>Ranunculus repens</i> and <i>Holcus lanatus</i> , occasional <i>Urtica dioica</i> , <i>Juncus effusus</i> and <i>Rumex acetosa</i> . East across fence where grazing and/or fertilising less prevalent is a mosaic of marshy grassland dominated by <i>Juncus effusus</i> and acid grassland dominated by <i>Juncus squarrosum</i> or <i>Nardus stricta</i> with frequent to occasional <i>Galium saxatile</i> , <i>Potentilla erecta</i> , <i>Anoxanthum odoratum</i> , <i>Vaccinium myrtillus</i> , <i>Rumex acetosa</i> , <i>Deschampsia flexuosa</i> and mosses. Evidence of cattle poaching, dunging and grazing on both sides of fence.
95	Acid grassland either side of stream channel with evidence nutrient flushing as indicated by presence less acid loving species. <i>Nardus stricta</i> dominant with frequent <i>Holcus lanatus</i> and <i>Cirsium palustre</i> , <i>Ranunculus repens</i> , <i>Trifolium repens</i> , <i>Juncus effusus</i> all occasional to frequent. Where ground steepest <i>Pteridium aquilinum</i> abundant with occasional patches of <i>Festuca ovina</i> dominated acid grassland with frequent <i>Galium saxatile</i> .
96	Fine mosaic with vegetation changing over a distance of approximately 100m. <i>Pteridium aquilinum</i> dominant on stream valley slopes then decreasing in abundance abruptly and becoming dry heath/acid grassland community dominated by <i>Juncus squarrosum</i> with frequent to abundant <i>Vaccinium myrtillus</i> on plateau.
97	Moderately species-rich rush mire along land either side of stream gully base. Both <i>Juncus effusus</i> and <i>J.acutiflorus</i> abundant and the following occasional to frequent species: <i>Cirsium palustre</i> , <i>Galium palustre</i> , <i>Lysimachia nemorum</i> , <i>Myosotis scorpioides</i> , <i>Viola palustis</i> , <i>Ranunculus repens</i> , <i>Cardamine pratensis</i> , <i>Calliergonella cuspidata</i> , and rarely noted <i>Montia fontana</i> and <i>Epilobium palustre</i> . Stream is mostly dry in this area with occasional pooling of water.
98	Sides of gullies in this general vicinity have locally abundant scrub dominated by <i>Juniperus communis</i> with occasional <i>Sorbus aucuparia</i> an occasional understorey of <i>Pteridium aquilinum</i> and more rarely <i>Oreopteris limbosperma</i> .
99	Sloping ground increasing in elevation to the north. An intricate mosaic of several vegetation types was noted: 1) Rush mire with affinities to TN97 but much less diverse, dominated by <i>Juncus effusus</i> with far fewer herb species; 2) acid grasslands dominated by <i>Nardus stricta</i> or <i>Festuca ovina</i> - these areas were of limited extend and usually associated with better drainage such as on rocky outcrops or hummocks; 3) <i>Juncus effusus</i> dominated vegetation with acid grassland indicators frequent such as <i>Galium saxatile</i> , <i>Nardus stricta</i> and <i>Anoxanthum odoratum</i> ; 4) dense and scattered <i>Pteridium aquilinum</i> ; 5) very localised acid flushes with <i>Juncus effusus</i> and <i>Spaghnum fallax</i> co-dominant; 6) hummocks
100	Area of semi-improved acid grassland with abundant <i>Festuca ovina</i> but only occasional <i>Galium saxatile</i> and <i>Potentilla erecta</i> and other species which were occasional to frequent suggesting more neutral conditions including: <i>Lolium perenne</i> , <i>Trifolium repens</i> and <i>Cynosurus cristatus</i> . Farmer observed liming or fertilising soils within this general area on day of survey.
101	Rush mire either side of stream within small, fairly steep sided gully. Broadly similar vegetation composition to TN97 but notably less species-rich. Signs of heavy poaching and grazing noted. Stream not flowing, however, localised pooling/puddling of water. On steeper banks of gully acid grassland dominated by <i>Festuca ovina</i> and with frequent <i>Galium saxatile</i> recorded with additional species indicative of more neutral conditions (e.g. <i>Lotus corniculatus</i>) presumably a result of flushing or improvement.
102	Small area of mossy/heathy acid grassland dominated by <i>Festuca ovina</i> and <i>Agrostis capillaris</i> but with <i>Nardus stricta</i> locally abundant and with frequent <i>Galium saxatile</i> , <i>Potentilla erecta</i> , occasional <i>Vaccinium myrtillus</i> and <i>Carex panacea</i> . <i>Calluna vulgaris</i> was occasional to locally frequent. Small rush mires following low undulations in micro-topography in this location dominated by <i>Juncus effusus</i> and or <i>Juncus acutiflorus</i> . Moving south and west from this location a transition to an area of improved and heavily grazed sward was noted. The improved sward contained acid indicator species such as occasional to rare <i>Galium saxatile</i> and <i>Festuca ovina</i> . However, of much greater abundance were species of more neutral conditions such as <i>Cynosurus cristatus</i> , <i>Lolium perenne</i> , <i>Trifolium repens</i> and <i>Ranunculus repens</i> . In addition, <i>Juncus effusus</i> and <i>Urtica dioica</i> were locally frequent and <i>Cirsium palustre</i> and <i>Cirsium vulgare</i> were occasional to rare. Small isolated tussocks of <i>Nardus stricta</i> were recorded and were noticeable as more ungrazed than the remaining sward area.
103	Intricate mosaic of different vegetation types in valley bottom under pylon route. In this area patches of rush mire were noted with both <i>Juncus effusus</i> and <i>J.acutiflorus</i> abundant and with occasional species such as <i>Potentilla palustris</i> and <i>Lychnis flos-cuculi</i> noted. Small areas of acid flush were also noted intermixed with rush mire vegetation with abundant <i>Spaghnum fallax</i> , frequent <i>Carex rostrata</i> , occasional <i>C. nigra</i> and rarely noted <i>C. curta</i> . In close proximity to the rush mire and acid flush habitats a small area of blanket bog was noted. This comprised abundant to dominant <i>Eriophorum vaginatum</i> with differing amounts of <i>Spaghnum papillosum</i> , <i>S. capillifolium</i> , <i>S. fallax</i> , <i>Calluna vulgaris</i> , <i>Deschampsia cespitosa</i> and a number of non-spahgnous moss species.
104	Area of wet modified bog under pylon route. <i>Eriophorum vaginatum</i> dominant to abundant, <i>Molinia caerulea</i> , <i>Spaghnum falax</i> and <i>Pleurozium schreberii</i> frequent to abundant with <i>Carex nigra</i> , <i>Potentilla erecta</i> frequent and <i>Luzula multiflora</i> , <i>Vaccinium myrtillus</i> , <i>Cladonia</i> sp., <i>Nardus stricta</i> , <i>Juncus effusus</i> , <i>Deschampsia flexuosa</i> and <i>Spaghnum capillifolium</i> occasional. <i>Galium saxatile</i> was very locally frequent. <i>Stellaria alsine</i> and <i>Epilobium</i> sp. were rarely noted
105	At this location, moving north and west towards the road from TN104 bog vegetation was noted to diminish as indicated by the decreasing frequency of <i>Eriophorum vaginatum</i> . <i>Carex nigra</i> was especially abundant in this

	general area with frequent <i>Deschampsia flexuosa</i> and <i>Molinia caerulea</i> and occasional <i>Juncus effusus</i> , <i>Polytrichum commune</i> , <i>Pleurozium schreberii</i> , <i>Nardus stricta</i> and rarely <i>Galium saxatile</i> .
106	Rush mire vegetation with <i>Juncus effusus</i> and <i>J. acutiflorus</i> both abundant to dominant. Moving closer to stream a <i>Carex</i> spp. were noted to increase in abundance locally exceeding the abundance of <i>Juncus</i> sp. This included <i>Carex disticha</i> abundant to dominant with frequent to occasional <i>C. nigra</i> and <i>C. rostrata</i> . Where sedges were abundant the soil was noted to be more heavily water logged. A number of herbs were noted in these areas scattered throughout sedge and rush dominated areas including occasional to locally frequent <i>Caltha palustris</i> , <i>Mentha aquatica</i> , <i>Equisetum palustre</i> , <i>Stellaria alsine</i> , <i>Galium uliginosum</i> , <i>Ranunculus repens</i> , <i>R. acris</i> , <i>Myosotis scorpioides</i> , and rarely <i>Lychnis flos-cuculi</i> .
107	Area of marshy grassland noted broadly around base of wind turbine with <i>Deschampsia cespitosa</i> and <i>Juncus effusus</i> co-dominant.
108	Area of acid grassland dominated by <i>Nardus stricta</i> and with occasional <i>J. squarrosum</i> and <i>Potentilla erecta</i> . In this general vicinity, very localised patches of bog vegetation surrounded by acid grassland were also noted. These were dominated by <i>Eriophorum vaginatum</i> . A number of small patches of heath vegetation where <i>Calluna vulgaris</i> was frequent and <i>Trichophorum cespitosum</i> occasional were also noted possibly indicative of a former more extensive area of wet heath/bog mosaic.
109	Steeply sloping bank leading down to Weatherly Burn. Short turf grassland with calcareous indicator species. <i>Festuca ovina</i> was abundant to dominant with <i>Trifolium repens</i> , <i>Thymus polytrichus</i> , <i>Achillea millefolium</i> , <i>Cynosurus cristatus</i> and <i>Plantago lanceolata</i> were frequent, <i>Crepis capillaris</i> , <i>Lolium perenne</i> , <i>Hypochaeris radicata</i> , <i>Pilosella officinarum</i> , <i>Lotus corniculatus</i> , <i>Galium verum</i> and <i>Rumex acetosa</i> were occasional and <i>Centaurea nigra</i> was rare. Calcareous grassland patches were found in close association with acid grassland approximating NVC U4 <i>Festuca ovina</i> - <i>Agrostis capillaris</i> - <i>Galium saxatile</i> in this area.
110	Relatively species-rich area of marshy grassland (approximating NVC M23b) at head of Boonslie Burn. Frequent tall herbs present including <i>Potentilla palustris</i> , <i>Lychnis flos-cuculi</i> , <i>Caltha palustris</i> , <i>Galium plastrum</i> , <i>Eleocharis</i> sp., <i>Ranunculus acris</i> , <i>Myosotis secunda</i> and occasional <i>Carex curta</i> and <i>C. rostrata</i> .
111	Rough location of buzzard nest. NT 68885, 71930. Stick nest seen approximately 5m high in a larch tree with single adult bird circling and calling overhead. Droppings frequent around nest site.
112	A small colony of <i>Neottia nidus-avis</i> was recorded at the edge of plantation/ancient woodland near to a road through a campsite. Approximately 15 flowering spikes were noted under <i>Fagus sylvatica</i> .
113	Several old spraints in cavity which extends back under rocks. Possible otter holt.
114	Single entrance on bank on stream large enough and of a shape likely to have been excavated by badger but with no other field signs (tracks, hairs etc.)
115	Two old otter spraints on rock in stream.
116	Two old otter spraints and a single slightly more recent (not fresh) spraint on an in stream rock.
117	Otter holt at bottom of rock embankment in cavity in between rocks. Approximately 7 piles of otter spraint of different ages (mostly old).
118	Badger tracks in mud at edge of small stream channel. Mammal path leading upslope from stream across road and into adjacent woodland where a single badger latrine was recorded.
119	Single potential badger outlier sett. Entrance of suitable size to accommodate badger but no other field signs (e.g. hairs, latrines) located.
120	Two separate in-stream rocks both with otter spraint on recorded at this location within bankside willow woodland. Approximately two old spraints on each rock.
121	One relatively fresh spraint on an in stream rock in the Tay Burn.
122	Old spraint on rock in stream channel. Small fish frequently observed in pools within the stream channel in this general area.
123	Semi-improved neutral grassland with abundant <i>Agrostis capillaris</i> and <i>Festuca ovina</i> , frequent <i>Holcus lanatus</i> and <i>Anoxanthum odoratum</i> and occasional <i>Juncus effusus</i> , <i>Rumex acetosa</i> , <i>Poa pratensis</i> and occasional to rare <i>Ranunculus repens</i> . There were few other forb species.
124	Mosaic of marshy grassland (approx. to M23a) and acid grassland (approx. to U4) with very localised acid flushes dominated by <i>Juncus effusus</i> with abundant <i>Spaghnum palustre</i> . Acid grassland characterised by abundant <i>Festuca ovina</i> with frequent <i>Holcus lanatus</i> , <i>Deschampsia flexuosa</i> , <i>Potentilla erecta</i> , <i>Galium saxatile</i> and <i>Agrostis capillaris</i> , locally frequent <i>Carex nigra</i> and occasional <i>Luzula multiflora</i> and <i>Nardus stricta</i> with occasional to rarely noted <i>Cirsium palustre</i> . The bryophyte flora included frequent to abundant <i>Pleurozium schreberii</i> and <i>Polytrichum commune</i> . Acid grassland dominated by <i>Juncus squarrosum</i> was also very locally abundant in this area approximating NVC type U6 with frequent <i>Polytrichum commune</i> and <i>Spaghnum fallax</i> .
125	Vegetation fairly varied but mainly dominated by marshy grassland approximating NVC M23b. This vegetation was not especially species-rich with <i>Juncus effusus</i> and/or <i>Juncus acutiflorus</i> dominant with occasional to frequent <i>Ranunculus acris</i> , <i>Cardamine pratensis</i> and <i>Deschampsia cespitosa</i> . Small pockets of acid grassland dominated by <i>Nardus stricta</i> and also acid grassland dominated by <i>Festuca ovina</i> and <i>Agrostis capillaris</i> with occasional <i>Galium saxatile</i> were also noted. Very small areas of acid flush with <i>J. effusus</i> , <i>J. acutiflorus</i> , <i>Carex echinata</i> and <i>Spaghnum palustre</i> were noted.
126	Three separate hare noted in this general location.
127	Area of improved grassland dominated by <i>Lolium perenne</i> with frequent <i>Trifolium repens</i> , <i>Cynosurus cristatus</i> and occasional <i>Urtica dioica</i> , <i>Juncus effusus</i> , <i>Ranunculus repens</i> , <i>Cirsium vulgare</i> and <i>C. arvense</i> .

128	Improved grassland as per TN127 but with <i>Juncus effusus</i> now frequent.
129	Marshy grassland (approximate to M23b) with <i>Juncus effusus</i> and <i>J. acutiflorus</i> dominant to abundant, <i>Holcus lanatus</i> abundant and with frequent <i>Rumex acetosa</i> and occasional <i>Lychnis flos-cuculi</i> , <i>Caltha palustris</i> , <i>Pedicularis palustris</i> , <i>Cardamine pratensis</i> , <i>Myosotis</i> sp., <i>Ranunculus repens</i> .
130	Marshy grassland (approximate to M23b) with <i>Juncus effusus</i> and <i>J. acutiflorus</i> dominant to abundant, <i>Holcus lanatus</i> abundant and with frequent <i>Rumex acetosa</i> and occasional <i>Lychnis flos-cuculi</i> , <i>Caltha palustris</i> , <i>Pedicularis palustris</i> , <i>Cardamine pratensis</i> , <i>Myosotis</i> sp., <i>Ranunculus repens</i> .
131	As per TN130 but with <i>Juncus effusus</i> dominant over <i>Deschampsia cespitosa</i> and <i>Galium palustre</i> frequent.
132	Grassland with very few forbs. <i>Holcus lanatus</i> abundant with <i>Deschampsia cespitosa</i> , <i>Deschampsia flexuosa</i> and <i>Agrostis capillaris</i> frequent with <i>Juncus effusus</i> and <i>Ranunculus repens</i> occasional. Bare soil with occasional to frequent in this area.
133	Marshy grassland as per surrounding areas but with a slightly different assemblage of species including occasional to frequent <i>Rumex acetosa</i> , <i>Deschampsia cespitosa</i> , <i>Equisetum palustre</i> and locally abundant <i>Carex disticha</i> .
134	Small plot of plantation <i>Fraxinus excelsior</i> , <i>Fagus sylvatica</i> and <i>Aesculus hippocastanum</i> .
135	<i>Centuarea cyanus</i> rarely noted. Along boundary with large garden of a farmhouse. Probable introduced/naturalised rather than archeophyte origin.
D1	Semi-natural broadleaved woodland dominated by <i>Acer pseudoplatanus</i> with abundant <i>Hedera helix</i> comprising much of the ground flora. Also abundant <i>Galium aparine</i> . Suitable habitat for bat foraging and may also provide roost sites.
D2	Old farm buildings with high bat potential and also opportunities for nesting birds, including barn owl.
D3	Private driveway flanked by large trees
D4	Dense scrub, approaching woodland status, comprising abundant <i>Acer pseudoplatanus</i> and <i>Crataegus monogyna</i> , frequent <i>Fraxinus excelsior</i> , <i>Sorbus aucuparia</i> , <i>Pinus sylvestris</i> , <i>Rosa canina</i> , and <i>Ligustrum vulgare</i> . Ground flora dominated by <i>Agrostis capillaris</i> and also includes abundant <i>Cirsium arvense</i> , <i>Geranium robertianum</i> and <i>Vicia hirsuta</i> . Frequent spp include <i>Vicia sativa</i> and <i>Urtica dioica</i> .
D5	Road verge dominated by <i>Anthriscus sylvestris</i> , <i>Arrhenatherum elatius</i> and <i>Festuca rubra</i> . Abundant <i>Holcus lanatus</i> , frequent <i>Dactylis glomerata</i> , occasional <i>Vicia cracca</i> and <i>Cirsium vulgare</i> . Also remnant patches of a former hedgerow dominated by <i>Crataegus monogyna</i> , with adjacent verge of approximately 1.5m width comprising abundant <i>Plantago lanceolata</i> , Occasional <i>Urtica dioica</i> , <i>Ranunculus repens</i> and rare <i>Achillea millefolium</i> .
D6	Potato crop.
D7	Line of <i>Acer pseudoplatanus</i> .
D8	Defunct hedgerow dominated by <i>Crataegus monogyna</i> also occasional <i>Sambucus nigra</i> , <i>Rosa canina</i> and <i>Rubus fruticosus</i> .
D9	Residential properties with amenity lawns and ornamental borders.
D10	Semi-improved neutral grassland (SING) dominated by <i>Arrhenatherum elatius</i> with locally abundant <i>Dactylis glomerata</i> , abundant <i>Ranunculus repens</i> , <i>Achillea millefolium</i> , <i>Cirsium arvense</i> , <i>Lotus corniculatus</i> , <i>Centaurea</i> sp., <i>Taraxacum</i> sp., and <i>Plantago lanceolata</i> . Frequent spp include <i>Agrostis capillaris</i> , <i>Trifolium repens</i> , and <i>Vicia sativa</i> . Occasional spp. include <i>Bromus hordeaceus</i> , <i>Heracleum sphondylium</i> , <i>Urtica dioica</i> , <i>Tussilago farfara</i> and <i>Lathyrus aphaca</i> .
D11	SING on road verge D by <i>Festuca rubra</i> with LA <i>Vicia hirsuta</i> , F <i>Medicago lupulina</i> , <i>Bellis perennis</i> and <i>Plantago lanceolata</i> . O spp include , <i>Dactylis glomerata</i> , <i>Taraxacum</i> sp., <i>Achillea millefolium</i> and <i>Vicia cracca</i> .
D12	SING forming a thin strip approximately 1m wide between arable field and road. Dominated by <i>Arrhenatherum elatius</i> with abundant <i>Dactylis glomerata</i> , <i>Centaurea</i> sp., <i>Anthriscus sylvestris</i> , and locally abundant <i>Elymus repens</i> . Frequent <i>Vicia cracca</i> , and occasional <i>Cirsium arvense</i> , <i>Heracleum sphondylium</i> and <i>Galium aparine</i> and rare <i>Thlaspi arvense</i> .
D13	SING as per target note D12 with a more complex structure and good opportunities for supporting reptiles. Also patches of scrub and tall ruderal vegetation below MMU dominated by <i>Rubus fruticosus</i> and <i>Chamerion angustifolium</i> respectively. A stone wall borders the edges of the former road. The grassland supported a great number of herbs in addition to target note D12 including locally abundant <i>Epilobium</i> sp. and <i>Taraxacum</i> sp. Also frequent <i>Vicia hirsuta</i> and locally frequent <i>Urtica dioica</i> . Occasional spp numerous and include <i>Papaver rhoeas</i> , <i>Malva sylvestris</i> , <i>Ranunculus repens</i> , <i>Bromus hordeaceus</i> , <i>Sonchus oleraceus</i> , <i>Poa trivialis</i> , <i>Artemisia absinthium</i> , <i>Sinapis arvensis</i> , <i>Stellaria media</i> , and <i>Rumex crispus</i> .
D14	Tall ruderal vegetation dominated by <i>Chamerion angustifolium</i> , also scattered scrub dominated by <i>Rubus fruticosus</i> with occasional <i>Crataegus monogyna</i> , <i>Sambucus nigra</i> and <i>Acer pseudoplatanus</i> .
D15	Scattered scrub dominated by <i>Rubus fruticosus</i> with occasional <i>Crataegus monogyna</i> , <i>Sambucus nigra</i> , <i>Rosa canina</i> and young <i>Fraxinus excelsior</i> . Also patches of SING as per target note D13.

D16	A complex mosaic of SING as per target note D13 with patches of tall ruderal vegetation dominated by <i>Chamerion angustifolium</i> and also scattered scrub dominated by <i>Rubus fruticosus</i> with occasional <i>Rosa canina</i> and <i>Crataegus monogyna</i> .
D17	Tall ruderal dominated by <i>Chamerion angustifolium</i> and scattered grassland and scrub species as per target notes D13- D16.
D18	Scattered scrub along burn dominated by <i>Ulex europeaus</i> and F <i>Sambucus nigra</i> .
D19	Potato crop.
D20	Scattered scrub along brook dominated by <i>Crataegus monogyna</i> represents the remnants of previous hedgerow.
D21	Tall ruderal vegetation along brook at edge of farm yard. Locally abundant spp include <i>Rubus fruticosus</i> , <i>Chamerion angustifolium</i> and <i>Urtica dioica</i> plus abundant <i>Anthriscus sylvestris</i> . Frequent spp include <i>Cirsium arvense</i> and <i>Dactylis glomerata</i> , with occasional <i>Arctium minus</i> , <i>Rumex obtusifolius</i> , <i>Silene dioica</i> , and rare <i>Stachys sylvatica</i> .
D22	SING dominated by <i>Dactylis glomerata</i> with locally abundant <i>Bromus sterilis</i> , frequent <i>Ranunculus repens</i> , <i>Potentilla reptans</i> and occasional <i>Fumaria officinalis</i> .
D23	SING with abundant <i>Lathyrus aphaca</i> , <i>Equisetum</i> sp., <i>Dactylis glomerata</i> , <i>Vicia sativa</i> , <i>Poa trivialis</i> , <i>Tusilago farfara</i> <i>Dactylorhiza incarnata</i> (subsp.) <i>pulchella</i> ., and <i>Festuca rubra</i> . Frequent spp include <i>Plantago lanceolata</i> , <i>Ranunculus repens</i> , <i>Rumex crispus</i> , <i>Heracleum sphondylium</i> and <i>Cirsium arvense</i> . Occasional spp include <i>Holcus lanatus</i> , <i>Potentilla reptans</i> , <i>Stellaria media</i> and <i>Trifolium repens</i> . Rare spp include <i>Iris pseudacorus</i> and <i>Vicia cracca</i> . This habitat merges with the tall ruderal vegetation described in target note D24.
D24	Tall ruderal vegetation dominated by <i>Chamersion angustifolium</i> with occasional <i>Rubus fruticosus</i> and locally frequent <i>Silene dioica</i> .
D25	SING along road verge between 3 and 6m wide. Dominated by <i>Arrhenatherum elatius</i> with abundant <i>Festuca rubra</i> , locally abundant <i>Plantago lanceolata</i> , <i>Poa pratensis</i> and <i>Convolvulus arvensis</i> . Frequent spp include <i>Dactylis glomerata</i> , <i>Fumaria officinalis</i> , <i>Cirsium arvense</i> , <i>Trifolium repens</i> and <i>Galium aparine</i> . Occasional sp include <i>Vicia hirsuta</i> , <i>Senecio jacobaea</i> , <i>Cerastium fontanum</i> and <i>Heracleum sphondylium</i> and also rare <i>Bromus hordeaceus</i> .
D26	SING along edge of rail track as per target note D25. Also patches of dense scrub dominated by <i>Rubus fruticosus</i> and tall ruderal vegetation dominated by <i>Chamerion angustifolium</i> , <i>Cirsium arvense</i> and <i>Urtica dioica</i> .
D27	Linear belt of <i>Pinus</i> sp. along edge of road. Many specimens in poor condition and of little ecological value.
D28	SING dominated by <i>Festuca rubra</i> and <i>Arrhenatherum elatius</i> on a south facing slope provide excellent repile potential. This is enhanced further by low level scattered scrub dominated by <i>Rubus fruticosus</i> . Other spp within the grassland include abundant <i>Vicia hirsuta</i> , frequent <i>Vicia sativa</i> and locally frequent <i>Poa pratensis</i> .
D29	A linear belt of semi-natural mixed woodland. Some of the species appear to be planted, although the woodland structure and species composition generally suggest a semi-natural nature. <i>Fagus sylvatica</i> and <i>Pinus sylvestris</i> dominate the canopy with an understorey of occasional <i>Crataegus monogyna</i> and rare <i>Ulmus</i> sp. A small burn along the western edge supports minimal aquatic vegetation but the banks are dominated by <i>Arrhenatherum elatius</i> with abundant <i>Urtica dioica</i> , locally abundant <i>Myrrhis odorata</i> , and occasional <i>Poa trivialis</i> , and <i>Impatiens glandulifera</i> .
D30	Scattered scrub along burn includes frequent <i>Crataegus monogyna</i> , occasional <i>Rosa canina</i> and rare <i>Sambucus nigra</i> and <i>Ribes sanguineum</i> . A SING margin approximately 3-4m wide, between the burn and the arable crop includes species as per target note D29with the addition of occasional <i>Stachys sylvatica</i> , and <i>Alliaria petiolata</i> .
D31	A belt of linear woodland dominated by <i>Acer pseudoplatanus</i> with an understoey comprising a <i>Crataegus monogyna</i> dominated hedgerow which emeres from the woodland to the east. The woodland is situated on a steep sloping embankment adjacent to the road. The ground flora comprises abundant <i>Geum urbanum</i> and <i>Geranium robertianum</i> . Locally abundant spp include <i>Ranunculus repens</i> , <i>Urtica dioica</i> , <i>Anthriscus sylvestris</i> and <i>Heracleum sphondylium</i> . Also frequent <i>Dryopteris felix-mas</i> and occasional <i>Lamium album</i> and <i>Poa pratensis</i> .
D32	Intact hedgerow dominated by <i>Crataegus monogyna</i> along the edge of the road with a thin grassland verge with spp as per target note D31.
D33	Recently constructed stone wall.
D34	Defunct hedgerow dominated by <i>Crataegus monogyna</i> also occasional <i>Rosa canina</i> .
D35	Semi-natural mixed woodland with abundant <i>Pinus sylvestris</i> , <i>Acer pseudoplatanus</i> and <i>Fagus sylvatica</i> . Also locally abundant <i>Alnus glutinosa</i> and occasional <i>Fraxinus excelsior</i> and <i>Larix decidua</i> . The understorey comprises locally abundant <i>rubus fruticosus</i> , frequent <i>Crataegus monogyna</i> , locally frequent <i>Rhododendron ponticum</i> and occasional <i>Ulmus</i> sp. The ground flora is locally diverse with several ancient woodland indicators present. Species include abundant <i>Geranium robertianum</i> , <i>Dryopteris dilatata</i> and <i>Athyrium filix-femina</i> , also frequent <i>Urtica dioica</i> , <i>Galium aparine</i> , and <i>Brachypodium Sylvaticum</i> . Occasional spp include <i>Sanicula europaea</i> , <i>Conopodium majus</i> , <i>Silene dioica</i> , <i>Allium ursinum</i> , <i>Veronica</i> sp. <i>Digitalis purpurea</i> , <i>Deschampsia cespitosa</i> and <i>Aegopodium podagraria</i> .
D36	Defunct hedgerow dominated by <i>Crataegus monogyna</i> .
D37	As per target note D36.

D38	Semi-natural broadleaved woodland along the steep slopes of a small burn, with frequent <i>Acer platanoides</i> , <i>Acer pseudoplatanoides</i> , <i>Carpinus betula</i> , <i>Ulmus</i> sp., <i>Fagus sylvatica</i> and <i>Crataegus monogyna</i> . Also occasional <i>Fraxinus excelsior</i> and rare <i>Taxus baccata</i> . Ground flora includes locally abundant <i>Urtica dioica</i> , <i>Allium ursinum</i> and <i>Veronica chamaedrys</i> , also abundant <i>Dryopteris felix-mas</i> , <i>Dryopteris dilatata</i> and <i>Sanicula europaea</i> and occasional <i>Brachypodium sylvaticum</i> . The burn provides opportunities for otter movement, foraging and shelter.
D39	Road verge approximately 2m wide with abundant <i>Anthriscus sylvestris</i> , <i>Dactylis glomerata</i> , <i>Poa pratensis</i> and occasional <i>Sanicula europaea</i> .
D40	Semi-natural mixed woodland with similar species composition as target note D38 with locally abundant <i>Picea</i> sp. and locally frequent <i>Larix decidua</i> .
D41	Semi-natural broadleaved woodland dominated by <i>Fraxinus excelsior</i> and <i>Acer pseudoplatanus</i> with occasional <i>Aesculus hippocastanum</i> and rare <i>Quercus robur</i> . The understorey includes abundant <i>Symporicarpos albus</i> and frequent <i>Crataegus monogyna</i> . The ground flora includes abundant <i>Sanicula europaea</i> , <i>Veronica chamaedrys</i> , <i>Heracleum sphondylium</i> , <i>Geum urbanum</i> and <i>Deschampsia cespitosa</i> . Frequent species <i>Dryopteris felix-mas</i> , occasional <i>Silene dioica</i> , <i>Rumex sanguinea</i> and <i>Urtica dioica</i> .
D42	Semi-natural broadleaved woodland as per target note D41 with the addition of frequent <i>Quercus robur</i> and <i>Fagus sylvatica</i> . Adjacent verge along road edge includes abundant <i>Centaurea</i> sp., <i>Hedera helix</i> , <i>Carex nigra</i> , <i>Festuca rubra</i> , <i>Arrhenatherum elatius</i> , locally abundant <i>Lathyrus aphaca</i> and frequent <i>Poa pratensis</i> <i>Lolium perenne</i> and <i>Dactylis glomerata</i> . In addition, occasional <i>Filipendula ulmaria</i> , <i>Achillea millefolium</i> , <i>Plantago lanceolata</i> and <i>Sonchus oleraceus</i> , also <i>Trifolium repens</i> , <i>Holcus lanatus</i> , <i>Vicia sativa</i> , <i>Medicago lupulina</i> and <i>Chaerophyllum temulentum</i> .
D43	Defunct hedgerow D by <i>Crataegus monogyna</i> with occasional <i>Rosa canina</i> . The verge narrows to less than 1m in width with abundant <i>Ranunculus repens</i> , <i>Anthriscus sylvestris</i> , and <i>Brachypodium sylvaticum</i> . Also, frequent <i>Silene dioica</i> and occasional <i>Chaerophyllum temulentum</i> , <i>Rumex obtusifolius</i> , <i>Geranium robertianum</i> and <i>Geum urbanum</i> .
D44	Semi-natural broadleaved woodland with abundant <i>Acer pseudoplatanus</i> and occasional <i>Fraxinus excelsior</i> and <i>Quercus robur</i> . Ground flora similar to previous target notes (D41 and D42) including dominant <i>Dactylis glomerata</i> , abundant <i>Geum urbanum</i> , <i>Urtica dioica</i> and <i>Anthriscus sylvestris</i> , plus frequent <i>Heracleum sphondylium</i> . Several of the trees are large with potential to support bats.
D45	Improved pasture dominated by <i>Lolium perenne</i> , with locally abundant <i>Poa trivialis</i> , abundant <i>Tifolium pratense</i> and frequent <i>Cirsium arvense</i> .
D46	Section of stone wall along south edge of road approximately 100m in length.
D47	Semi-natural broadleaved woodland dominated by <i>Acer pseudoplatanus</i> with occasional <i>Fagus sylvatica</i> and <i>Fraxinus excelsior</i> , plus rare <i>Pinus sylvestris</i> . The scrubby understorey includes occasional <i>Crataegus monogyna</i> , <i>Ulmus</i> sp and <i>Sambucus nigra</i> . Ground flora dominated by <i>Dactylis glomerata</i> with abundant <i>Anthriscus sylvestris</i> , <i>Galium aparine</i> and <i>Urtica dioica</i> , plus frequent <i>Silene dioica</i> and <i>Geum urbanum</i> .
D48	Defunct hedgerow dominated by <i>Crataegus monogyna</i> , with occasional <i>Sambucus nigra</i> , along both side of the road. A road verge between 1-2m wide is dominated by <i>Arrhenatherum elatius</i> with abundant <i>Dactylis glomerata</i> , <i>Anthriscus sylvestris</i> , locally abundant <i>Urtica dioica</i> and <i>Cirsium arvense</i> , frequent <i>Heracleum sphondylium</i> and occasional <i>Lathyrus aphaca</i> .
D49	Copse of semi-natural broadleaved woodland dominated by <i>Quercus robur</i> with abundant <i>Pinus sylvestris</i> and a ground flora dominated by <i>Dactylis glomerata</i> . An intact hedgerow dominated by <i>Fagus sylvatica</i> separates the woodland from the road verge.
D50	Defunct hedgerow dominated by <i>Crataegus monogyna</i> .
D51	Semi-natural coniferous woodland dominated by <i>Pinus sylvestris</i> with occasional <i>Quercus robur</i> and <i>Acer pseudoplatanus</i> . The understorey includes occasional <i>Ulmus</i> sp. young <i>Acer pseudoplatanus</i> and rare <i>Tilia x europaea</i> . The woodland ground flora is dominated by <i>Rubus fruticosus</i> with abundant <i>Geum urbanum</i> , <i>Urtica dioica</i> , and frequent <i>Dactylis glomerata</i> and <i>Silene dioica</i> .
D52	As per target note D48 with addition of occasional <i>Fagus sylvatica</i> .
D53	SING on road verge of approximately 8m width. Abundant grasses include <i>Bromus sterilis</i> , <i>Poa trivialis</i> , <i>Arrhenatherum elatius</i> , <i>Agrostis capillaris</i> and <i>Holcus lanatus</i> . Also abundant <i>Veronica</i> sp., <i>Rumex obtusifolius</i> , <i>Symphytum officinale</i> and locally abundant <i>Urtica dioica</i> . Occasional spp include <i>Silene dioica</i> , <i>Cirsium arvense</i> , <i>Lapsana communis</i> , <i>Vicia sativa</i> , <i>Matricaria discoidea</i> , <i>Arctium minor</i> , <i>Poa annua</i> , <i>Senecio vulgaris</i> , <i>Papaver rhoeas</i> and <i>Stachys sylvatica</i> .
D54	SING along road verge as per target note D53 merges into tall ruderal vegetation dominated by <i>Urtica dioica</i> with locally dominant patches of <i>Myrrhis odorata</i> . Scattered large trees include frequent <i>Fraxinus excelsior</i> and occasional <i>Quercus robur</i> . Scattered scrub species include frequent <i>Sambucus nigra</i> , occasional <i>Ulmus</i> sp, and young <i>Fraxinus excelsior</i> . Downslope to the north, the scrub and tree species increase and the habitat composition shifts to become semi-natural broadleaved woodland as described in target note D55.
D55	Semi-natural broadleaved woodland dominated by <i>Fraxinus excelsior</i> with occasional <i>Quercus robur</i> and an understorey comprising abundant young <i>Fraxinus excelsior</i> . Also occasional <i>Ulmus</i> sp. and frequent <i>Crataegus monogyna</i> . The ground flora is dominant by <i>Myrrhis odorata</i> with abundant <i>Dactylis glomerata</i> , <i>Arrhenatherum elatius</i> and <i>Urtica dioica</i> . Occasional patches where <i>Mercurialis perennis</i> dominates.
D56	Burn forming a weak shallow trickle across a muddy substrate. Much of the burn channel is overgrown by <i>Rubus fruticosus</i> scrub. Where clearings occur, <i>Veronica beccabunga</i> is frequent with locally abundant <i>Chamerion angustifolium</i> . The burn passes through a pheasant rearing pen which is likely to restrict its potential as a movement corridor for otter.
D57	Young brown hare observed in arable crop before crossing road to south.

D58	Scattered trees over SING comprsied of a complex mosaic of semi-natural broadleaved woodland, plantation broadleaved woodland, semi-improved neutral grassland and scrub habitats, each below the MMU. A scattered tree canopy includes abundant <i>Acer pseudoplatanus</i> , frequent <i>Fraxinus excelsior</i> and occasional <i>Quercus robur</i> . Scrub species include frequent <i>Crataegus monogyna</i> , <i>Ulmus</i> sp, <i>Sambucus nigra</i> , and occasional <i>Ilex europaea</i> . Grassland areas are dominated by <i>Dactylis glomerata</i> and <i>Arrhenatherum elatius</i> .
D59	A large pond measuring approximately 10m x 40m surrounded by semi-improved neutral grassland dominated by <i>Deschampsia cespitosa</i> with frequent <i>Holcus lanatus</i> and occasional <i>Juncus effusus</i> , <i>Filipendula ulmaria</i> and <i>Digitalis purpurea</i> . Aquatic vegetation included frequent broad-leaved pondweed <i>Potamogeton natans</i> and water milfoil <i>Myriophyllum</i> sp. This area provides excellent potential for supporting reptiles.
D60	Semi-natural mixed woodland dominated by <i>Pinus sylvestris</i> with abundant <i>Betula pendula</i> and <i>Acer pseudoplatanus</i> . Also rare <i>Quercus robur</i> and <i>Fraxinus excelsior</i> . The ground flora comprises a sparse grassland dominated by <i>Holcus lanatus</i> with frequent <i>Dactylis glomerata</i> and <i>Dryopteris felix-mas</i> , locally abundant <i>Oxalis acetosella</i> , and occasional <i>Digitalis purpurea</i> , <i>Rubus fruticosus</i> and <i>Stachys sylvatica</i> . The woodland supports many large trees with an open understorey and provides excellent opportunities for nesting raptors.
D61	Intact hedgerow dominated by <i>Crataegus monogyna</i> along the edge of the road. Also occasional <i>Sambucus nigra</i> , <i>Fagus sylvatica</i> and <i>Rosa canina</i> . The verge is typical of those described in previous target notes with the addition of frequent <i>Alopecurus pratensis</i> .
D62	Semi-natural broadleaved woodland which supports abundant <i>Betula pendula</i> , <i>Fraxinus excelsior</i> and <i>Acer pseudoplatanus</i> , plus occasional <i>Fagus sylvatica</i> , <i>Quercus robur</i> and <i>Ulmus</i> sp. The ground flora is dominated by <i>Dactylis glomerata</i> and <i>Mercurialis perennis</i> with abundant <i>Dryopteris felix-mas</i> and <i>Silene dioica</i> , locally abundant <i>Deschampsia cespitosa</i> , frequent <i>Geum urbanum</i> and <i>Geranium robertianum</i> , plus locally frequent <i>Dryopteris dilatata</i> .
D63	Semi-natural broadlaved woodland as per target note D62 but <i>Quercus robur</i> increases to abundant.
D64	Semi-natural broadleaved woodland which suports an excellent array of species, including several ancient woodland indicators. The mature tree species include abundant <i>Fraxinus excelsior</i> and <i>Acer psudoplatanus</i> , occasional <i>Fagus sylvatica</i> and <i>Carpinus betula</i> , and rare <i>Pinus sylvestris</i> . The open canopy allows sunlight to penetrate the ground layer, encouraging sunny glades where marshy grassland includes dominate <i>Equisetum sylvaticum</i> , abundant <i>Mentha aquatica</i> , <i>Caltha palustris</i> , <i>Deschampsia cespitosa</i> and <i>Poa pratensis</i> . Also frequent <i>Juncus effusus</i> , <i>Holcus lanatus</i> and <i>Dryopteris felix-mas</i> plus occasional <i>myosotis</i> sp., <i>Cirsium palustre</i> and <i>Luzula sylvatica</i> . The more heavily shaded areas of ground flora include locally abudnant <i>Urtica dioica</i> , <i>Stachys sylvatica</i> and <i>Galium odoratum</i> . Also abundant <i>Galium aparine</i> , frequent <i>Dactylis glomerata</i> , <i>Silene dioica</i> , <i>Anthriscus sylvestris</i> and <i>Sanicula europaea</i> , and occasional <i>Conopodium majus</i> .
D65	Improved grassland with evidence of heavy grazing and agricultural improvement due to lime spreading. Dominated by <i>Alopecurus pratensis</i> and <i>Cynosaurus cristatus</i> with abundant <i>Rumex obtusifolius</i> and <i>Festuca</i> sp. Also occasional <i>Urtica dioica</i> , <i>Juncus effusus</i> , <i>Anthoxanthum odoratum</i> and <i>Agrostis capillaris</i> .
D66	A tree line comprised of very large veteran <i>Fagus sylvatica</i> . Likely to provide excellent opportunities for bat foraging, commuting and roosting.
D67	Semi-natural broadleaved woodland dominated by <i>Fagus sylvatica</i> forming a linear strip between row of veteran <i>Fagus sylvatica</i> (described in target note D66) and coniferous plantation woodland. The ground flora is rather sparse with a deep leaf litter and localised areas where <i>Oxalis acetosella</i> dominates.
D68	Coniferous plantation woodland dominated by <i>Pinus sylvestris</i> with forestry coups dominated by <i>Larix decidua</i> and <i>Picea</i> sp also present at the edge of the survey boundary. Ground flora within the woodland is dominated by <i>Festuca</i> sp. with abundant <i>Dryopteris dilatata</i> . Ground flora along the edges of the rides includes abudant <i>Anthoxanthum odoratum</i> , <i>Cynosaurus cristatus</i> and <i>Poa trivialis</i> . Also frequent <i>Cirsium palustre</i> , <i>Luzula</i> sp., <i>Potentilla reptans</i> and <i>trifolium</i> sp.
D69	Marshy grassland forming a complex mosaic with patches of semi-improved acid grassland and semi-improved neutral grassland. <i>Juncus effusus</i> is frequent to abundant throughout. Areas with acidic soils include locally abundant <i>Deschampsia flexuosa</i> , locally frequent <i>Galium saxatile</i> , locally frequent <i>Luzulua multiflora</i> , and occasional <i>Digitalis purpurea</i> and <i>Ilex europaea</i> . Areas with less obvious acidic tendencies support locally abundant <i>Dactylis glomerata</i> , frequent <i>Poa</i> sp., <i>Agrostis capillaris</i> , frequent <i>Rubus fruticosus</i> and <i>Dryopteris felix-mas</i> . At first glance the area seems of high suitability for reptiles, although the suitability is likely to be lessened by the north facing aspect.
D70	Marshy grassland as per target note D69 but <i>Juncus effusus</i> is dominant.
D71	Marshy grassland dominated by <i>Juncus acutiflorus</i> with a good assemblage of neutral grasses including abudant <i>Anthoxanthum odoratum</i> , <i>Cynosaurus cristatus</i> , <i>Poa</i> sp. and <i>Ranunculus acris</i> . Also frequent <i>Cardamine pratensis</i> , <i>Trifolium repens</i> , and occasional <i>Alopecurus pratensis</i> and <i>Cirsium palustre</i> .
D72	Improved grassland dominated by <i>Anthoxanthum odoratum</i> and <i>Cynosaurus cristatus</i> with occasional <i>Dactylis glomerata</i> and <i>Lolium perenne</i> , frequent <i>Stellaria media</i> , and <i>Poa annua</i> .
D73	Two rows of hornbeam trees probably representing previous field boundary. Improved grassland in the area includes those species described in target note D72 but <i>Lolium perenne</i> is abundant. Also regular patches of <i>Juncus effusus</i> clumps scattered sporadically within grassland.
D74	Semi-improved acid grassland dominated by <i>Festuca ovina</i> with abundant <i>Rumex acetosella</i> , locally abundant <i>Galium mollugo</i> , locally frequent <i>Dactylis glomerata</i> , frequent <i>Agrostis capillaris</i> and <i>Lolium perenne</i> , and occasional <i>Galium verum</i> and <i>Agrostis canina</i> .
D75	Marshy grassland as per target note D71

D76	Semi-natural broadleaved woodland within a steeply sided gorge. Exposed overhanging cliffs are frequent along the valley. The woodland is dominated by <i>Quercus petraea</i> with an understorey of abundant <i>Corylus avellana</i> . Also abundant <i>Sorbus aucuparia</i> , occasional <i>Prunus avium</i> , <i>Larix decidua</i> and <i>Betula pendula</i> . Ground flora comprises many AWI spp including locally dominant <i>Luzula sylvatica</i> and <i>Mercurialis perennis</i> , locally abundant <i>Allium ursinum</i> , <i>Chrysoplenium oppositifolium</i> and <i>Deschampsia cespitosa</i> . Also locally frequent <i>Oxalis acetosella</i> , <i>Galium odoratum</i> and <i>Potentilla sterilis</i> . The woodland supports a particularly impressive assemblage of bryophytes including many species of fern, especially amongst the exposed rock faces and steep slopes. Species include abundant <i>Dryopteris felix-mas</i> , frequent <i>Asplenium adiantum-nigrum</i> , <i>Asplenium trichomanes</i> , <i>Dryopteris dilatata</i> and <i>Polypodium</i> sp., occasional <i>Phyllitis scolopendriu</i> , <i>Athyrium felix-femina</i> , <i>Polystichum aculeatum</i> and <i>Dryopteris affinis</i> . Within the lower parts of the gorge, close to the burn occasional sedges include <i>Carex laevigata</i> and <i>Carex remota</i> plus occasional <i>Melica uniflora</i> . Upper unshaded slopes are characterised by locally dominant <i>Pteridium aquilinum</i> which forms close association with locally abundant <i>Hyacinthoides non-scripta</i> .
D77	Semi-improved acid grassland in more steeply sloping areas which haven't been directly exposed to lime spreading. Dominated by <i>Festuca ovina</i> with locally abundant <i>Deschampsia flexuosa</i> , <i>Potentilla erecta</i> , <i>Rumex acetosa</i> , <i>Nardus stricta</i> , and abundant <i>Galium mollugo</i> , <i>Juncus squarrosus</i> and <i>Juncus effusus</i> . Also locally frequent <i>Lolium perenne</i> , <i>Trifolium repens</i> and frequent <i>Anthoxanthum odoratum</i> .
D78	Burn is a shallow trickle over exposed rocky substrate. The burn in this area is unshaded with adjacent slopes dominated by <i>Pteridium aquilinum</i> on the western side. The eastern slopes are characterised by acid grassland which merges into dry dwarf shrub heath to the south where <i>Vaccinium myrtillus</i> dominated.
D79	Dry dwarf shrub heath dominated by <i>Vaccinium myrtillus</i> and <i>Deschampsia flexuosa</i> . Some areas include locally abundant <i>Calluna vulgaris</i> . <i>Festuca ovina</i> , <i>Nardus stricta</i> and <i>Juncus squarrosus</i> are frequent where <i>Calluna vulgaris</i> occurs, increasing to abundant where it is absent. <i>Blechum spicant</i> and <i>Danthonia decumbens</i> are rare.
D80	Frequent <i>Juniperus communis</i> is frequent scattered along the west facing steep slopes of the burn valley.
D81	SIAG with abundant <i>Nardus stricta</i> , <i>Festuca ovina</i> , <i>Anthoxanthum odoratum</i> and <i>Potentilla erecta</i> . <i>Galium saxatile</i> is rare to locally frequent. Downslope to the west, <i>Vaccinium myrtillus</i> becomes dominant and the habitats merges to dry dwarf shrub heath with an extensive covering of <i>Pteridium aquilinum</i> . Upslope to the east, typical acidic species are much reduced in frequency with an increase in species characteristic of nutrient enrichment along the road edge, including frequent <i>Urtica dioica</i> , <i>Cirsium arvense</i> and <i>Lolium perenne</i> .
D82	Marshy grassland dominated by <i>Juncus acutiflorus</i> with locally abundant <i>Anthoxanthum odoratum</i> , occasional <i>Cirsium arvense</i> , <i>Potentilla erecta</i> , <i>Ranunculus acris</i> and <i>Filipendula ulmaria</i> , in addition to occasional <i>Rumex acetosa</i> , <i>Cardamine pratensis</i> , <i>Lathyrus aphaca</i> and <i>equisetum</i> sp. Also rare <i>Briza media</i> .
D83	Continuous <i>Pteridium aquilinum</i> over semi-improved acid grassland dominated by <i>Festuca ovina</i> with abundant <i>Potentilla erecta</i> , <i>Anthoxanthum odoratum</i> , <i>Deschampsia flexuosa</i> , <i>Nardus stricta</i> and <i>Rumex acetosa</i> . Also locally abundant <i>Vaccinium myrtillus</i> and locally frequent <i>Calluna vulgaris</i> where the habitat forms small patches of dry dwarf shrub heath. Also occasional <i>Conopodium majus</i> which may be indicative of woodland historically covering the area.
D84	Steep slopes support frequent <i>Juniperus communis</i> .
D85	Exposed rock on steep slopes. Inaccessible for survey due to danger. Inspection using binoculars indicated abundant <i>Festuca ovina</i> also frequent <i>Pilosella officinarum</i> .
D86	SIAG with signs of improvement. Dominated by <i>Festuca ovina</i> and <i>Anthoxanthum odoratum</i> with abundant <i>Potentilla erecta</i> , frequent <i>Luzula multiflora</i> , and occasional <i>Vaccinium myrtillus</i> and <i>Veronica officinalis</i> . As the slope becomes a plateau the frequency of acid species quickly reduces and species typical of nutrient enrichment become dominant as described in target note D87.
D87	Improved grassland with abundant <i>Lolium perenne</i> , <i>Anthoxanthum odoratum</i> and <i>Trifolium repens</i> . Also locally abundant <i>Urtica dioica</i> , with frequent <i>Festuca</i> sp. and occasional <i>Cirsium vulgare</i> , <i>Cirsium arvense</i> , <i>Ranunculus repens</i> and rare <i>Potentilla erecta</i> .
D88	Marshy grassland dominated by <i>Juncus acutiflorus</i> with abundant <i>Juncus effusus</i> . Despite superficially resembling a flush, Sphagnum is largely absent, therefore classified as <i>Marshy grassland</i> . Abundant spp include <i>Potentilla erecta</i> , <i>Rumex acetosa</i> , frequent <i>Anthoxanthum</i> , and <i>Juncus subnodulosus</i> .
D89	The upper plateau is formed of improved grassland as per target note D87. As the topography slopes to the west the habitats merges to SIAG before becoming dry-dwarf shrub heath on the steeply sloping valley sides and eventually marshy grassland within the bottom of the valley adjacent to the burn.
D90	Marshy grassland dominated by <i>Juncus acutiflorus</i> with abundant <i>Anthoxanthum odoratum</i> and <i>Rumex acetosa</i> and locally abundant <i>Equisetum</i> sp. Also frequent <i>Ranunculus repens</i> and <i>Galium palustre</i> . Occasional spp include <i>Potentilla palustris</i> , <i>Cardamine pratensis</i> and <i>Poa pratensis</i> and rare <i>Myosotis secunda</i> .
D91	Common lizard observed basking within base of <i>Juncus</i> sp.
D92	Wet heath/acid grassland mosaic. Heathland areas are dominated by <i>Calluna vulgaris</i> with abundant <i>Molinia caerulea</i> , frequent <i>Vaccinium myrtillus</i> and <i>Deschampsia flexuosa</i> . Grassland areas include abundant to dominant <i>Deschampsia flexuosa</i> with abundant <i>Galium mollugo</i> , <i>Festuca ovina</i> , <i>Potentilla erecta</i> , <i>Anthoxanthum odoratum</i> and <i>Nardus stricta</i> . Also occasional <i>Vaccinium myrtillus</i> and <i>Veronica officinalis</i> .
D93	Wet modified bog interspersed with marshy grassland and wet heath/acid grassland (as per target note D92) forming a complex mosaic. Within areas of wet modified bog <i>Eriophorum vaginatum</i> and <i>Calluna vulgaris</i> dominant with abundant <i>Molinia caerulea</i> . Sphagnum sp. is scarce throughout although other mosses are A including <i>Pleurozium schreberi</i> and <i>Rhytidadelphus loreus</i> .
D94	Wet modified bog dominated by <i>Eriophorum vaginatum</i> and <i>Calluna vulgaris</i> with locally abundant <i>Vaccinium myrtillus</i> and locally frequent <i>Deschampsia flexuosa</i> . Abundant <i>Pleurozium schreberi</i> and <i>Rhytidadelphus loreus</i> . <i>Sphagnum capillifolium</i> is occasional within the ground layer whilst <i>Sphagnum papillosum</i> is rare.

D95	Blanket Bog dominated by <i>Eriophorum vaginatum</i> with abundant <i>Calluna vulgaris</i> and a ground layer comprising occasional <i>Sphagnum fallax</i> and <i>Sphagnum capillifolium</i> .
D96	A complex mosaic of alternating marshy grassland and semi-improved acid grassland. The semi-improved acid grassland habitat comprises dominant <i>Deschampsia flexuosa</i> and abundant <i>Nardus stricta</i> . These species are reduced to frequent in areas of marshy grassland where <i>Juncus acutiflorus</i> is dominant.
D97	Improved grassland dominated by <i>Lolium perenne</i> with abundant <i>Cynosaurus cristatus</i> , <i>trifolium repens</i> and <i>Ranunculus repens</i> . Also locally abundant <i>Anthoxanthum odoratum</i> and frequent <i>Veronica officinalis</i> , <i>Cirsium arvense</i> , <i>Festuca rubra</i> and <i>Holcus lanatus</i> . Occasional species include <i>Stellaria media</i> and <i>Juncus effusus</i> .
D98	Recently felled coniferous plantation woodland with established grassland dominated by <i>Anthoxanthum odoratum</i> , with locally abundant <i>Galium saxatile</i> and <i>Molinia caerulea</i> , and frequent <i>Deschampsia flexuosa</i> .
D99	Wet heath/acid grassland mosaic with abundant <i>Molinia caerulea</i> and <i>Calluna vulgaris</i> interspersed with grassland dominated by <i>Deschampsia flexuosa</i> and <i>Festuca ovina</i> with locally abundant <i>Nardus stricta</i> . Also abundant <i>Galium saxatile</i> in areas where <i>Molinia caerulea</i> frequency is reduced to occasional. Much of the <i>Molinia</i> growth is young and hasn't developed into the typical tussock growth form. Mosses are abundant and include <i>Hylocomnium splendens</i> , <i>Pleurozium schreberi</i> , <i>Rhytidadelphus loreus</i> and occasional <i>Plagiothecium undulatum</i> .
D100	Acid grassland dominated by <i>Nardus stricta</i> and <i>Deschampsia flexuosa</i> , with abundant <i>Juncus squarosus</i> is abundant with frequent <i>Anthoxanthum odoratum</i> and <i>Galium saxatile</i> . <i>Agrostis capillaris</i> is frequent to abundant throughout. Ericoid cover is sparse with occasional <i>Vaccinium myrtillus</i> and <i>Calluna vulgaris</i> . Mosses within the ground layer are dominated by <i>Rhytidadelphus loreus</i> with locally abundant <i>Pleurozium schreberi</i> .
D101	Wet heath/acid grassland mosaic as per target note D99.
D102	Strip of dry heath dominated by <i>Calluna vulgaris</i> between fence line and track.
D103	Acid grassland as per D100.
D104	Marshy grassland on previously disturbed ground. <i>Agrostis capillaris</i> is abundant, as is <i>Juncus effusus</i> . Also occasional <i>Deschampsia cespitosa</i> , <i>Carex</i> sp and <i>Carex echinata</i> .
D105	Dry heath/acid grassland mosaic similar to target note D99 with absence of <i>Molinia caerulea</i> . Also abundant <i>Juncus squarosus</i> and occasional <i>Trichophorum cespitosum</i> .
D106	Marshy grassland with frequent <i>Molinia caerulea</i> and <i>Juncus effusus</i> but more characteristic of acid grassland given abundant <i>Agrostis capillaris</i> , <i>Deschampsia flexuosa</i> and <i>Festuca ovina</i> .
D107	Marshy grassland dominated by <i>Juncus acutiflorus</i> with abundant <i>Deschampsia cespitosa</i> , <i>Anthoxanthum odoratum</i> , <i>Festuca rubra</i> and locally abundant <i>Poa trivialis</i> . Frequent species include <i>Rumex acetosa</i> , <i>Ranunculus acris</i> , <i>Cirsium palustre</i> , and <i>Ranunculus repens</i> with occasional species including <i>Holcus lanatus</i> and <i>Alopecurus pratensis</i> .
D108	Marshy grassland, established following clear fell of previous plantation woodland. The species assemblage is similar to target note D107 but <i>Deschampsia cespitosa</i> dominates with frequent <i>Juncus effusus</i> .
D109	Small block of scattered trees over continuous scrub in corner of arable field. Trees dominated by <i>Fraxinus excelsior</i> with a scrub understorey dominated by <i>Corylus avellana</i> . Also occasional <i>Acer pseudoplatanus</i> trees. Several trees supported potential bat roost features.
D110	Species poor intact hedgerow dominated by <i>Fagus sylvatica</i> with occasional <i>Fraxinus excelsior</i> and <i>Sambucus nigra</i> .
D111	Species poor defunct hedgerow dominated by <i>Crataegus monogyna</i> .
D112	Improved pasture dominated by <i>Lolium perenne</i> , with abundant <i>Tifolium pratense</i> .
D113	Dual fencing between fields separating a 3m wide strip dominated by <i>Arrhenatherum elatius</i> with abundant <i>Dactylis glomerata</i> . Several young tree whips planted throughout.
D114	Semi improved neutral grassland consistent with MG1. Dominated by <i>Arrhenatherum elatius</i> with abundant <i>Alopecurus pratensis</i> and <i>Cirsium arvense</i> and frequent <i>Rumex obtusifolius</i> . Areas adjacent to the watercourse are dominated by <i>Epilobium</i> sp. with locally abundant <i>Impatiens glandulifera</i> , abundant <i>Urtica dioica</i> and occasional <i>Arctium minus</i> . Frequent hawthorn trees occur along the stonewall at the grassland areas western boundary.
D115	Young plantation broadleaved woodland dominated by <i>Fraxinus excelsior</i> with an understorey of occasional <i>Crataegus monogyna</i> , <i>Acer pseudoplatanus</i> , <i>Malus</i> sp., and <i>Alnus glutinosa</i> .
D116	Young tree line / species poor defunct hedgerow likely to have been planted recently. Species include frequent <i>Crataegus monogyna</i> , <i>Fraxinus excelsior</i> , <i>Sambucus nigra</i> , <i>Ulmus</i> sp., <i>Ilex europaea</i> and <i>Sorbus intermedia</i> .

