

APPENDIX B TARGET NOTES

Target Note number	Approximate grid reference	Description of evidence/feature	Photograph
1	1: NR8192648774	Mammal Target Note: Multiple otter spraints of varying age identified under a bridge located on the proposed access track.	Photo 1  Photo 2



Photo 3



Photo 4



Photo 5



Photo 1

2	1: NR8247849358	TN2 - Mammal Target Note: Multiple scats identified in prominent locations on a bridge	Photo 5 Photo 1
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that passes over a burn along the proposed access track.

Due to the age and decomposition of the scats in photos one and two, it is difficult to identify which species they are from.

Due to the size, location, and content (berries) in the scats in photo three and four, it is likely these are from pine marten.



Photo 2



Photo 3







Photo 4



Photo 5

			 <p>Photo 6</p>  <p>Photo 1</p>
3	NR 82809 50017	Mammal Target Note: Scat located on existing access track. Likely from a member	

		<p>of the <i>Mustelidae</i> family, possibly pine marten, weasel or stoat.</p>	
4	NR8264149584	<p>Mammal Target Note: Scat on rock at culvert. Possible otter.</p> <p>Due to the age and decomposition of the scats in photos, it is difficult to identify which species they are from but likely a member of the <i>Mustelidae</i> family, probably an otter or pine marten.</p>	<p>Photo 1</p>  <p>Photo 2</p>

			
5	NR8274549545	Mammal Target Note: David Butler (land agent for the Executors of the Late Barry Atkinson) commented that red squirrel are often seen in this area of woodland. No dreys were seen after a search of the area.	Photo 1 
6	1: NR8284550280	Mammal Target Note: Crossaig substation - relatively new, rectangular shape, well-sealed substation building. Corrugated metal structure. Roof and walls well sealed throughout. Possibly entry point for bats through air vents located on all sides of the	Photo 1

building. No droppings observed under either vent.

Photo 7 shows the inaccessible area of the existing Crossaig substation.

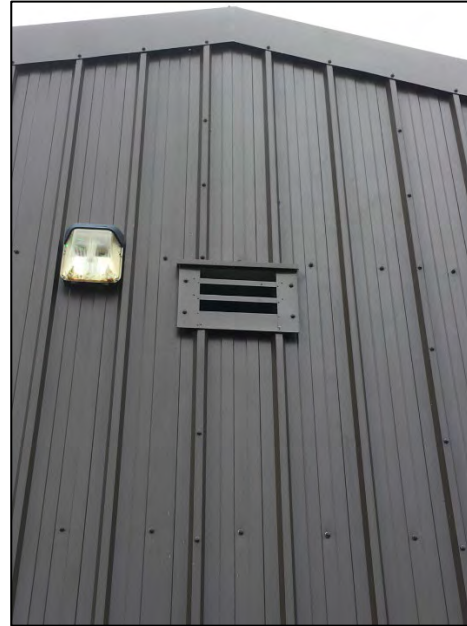


Photo 2



Photo 3

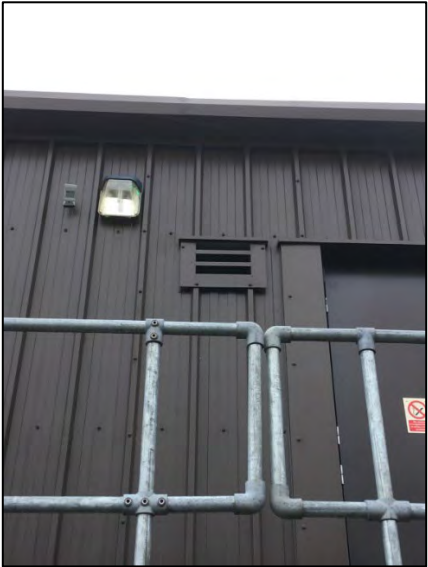


Photo 4

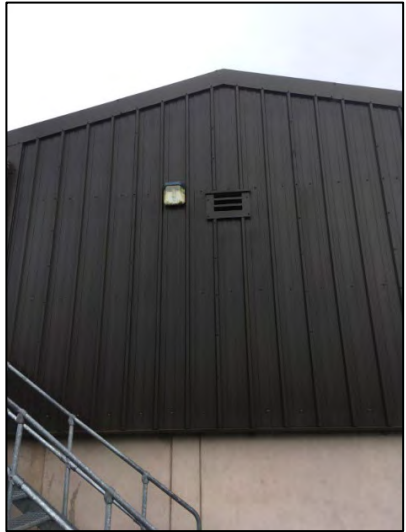




Photo 5



Photo 6



			<p>Photo 7</p> 
7	NR8279950305	<p>Mammal Target Note: Small building in Crossaig substation footprint. The structure was noisy. At two ends of the structure there were overhanging lips as shown in Photo 1. The lips had air vents with mesh lining as show in Photos 2, 3 and 4. As shown in these photos, there are gaps present around the mesh lining which would be accessible for bats. No droppings identified around the building.</p>	<p>Photo 1</p>  <p>Photo 2</p>

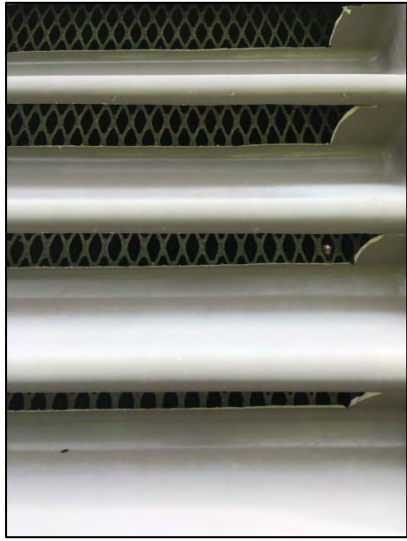


Photo 3



Photo 4

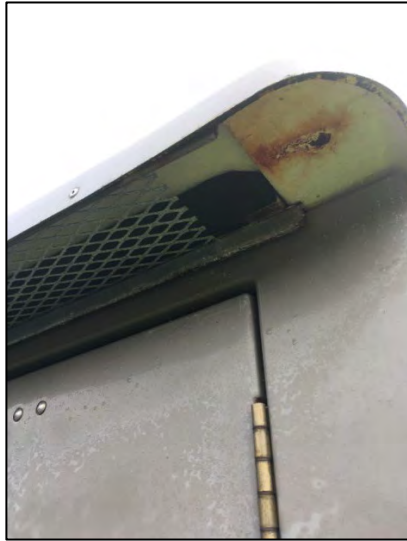




Photo 5



Photo 1

8	NR8261450164	Mammal Target Note: Shipping container located outside the main substation footprint.	

		<p>Well-sealed. No obvious signs of access for bats and no bat droppings around the exterior of the container.</p>	
9	NR8239849798	<p>Habitat Target Note: Wetland area. High potential GWDTE and extremely waterlogged and unstable ground conditions. Local landowner said it was a receptor site for dragonfly reintroduction he is carrying out. Claimed the substation would not impact the area but mapping shows this area is within red area.</p>	<p>Photo 1</p> 
10	1: NR8296250982	<p>Mammal Target Note: Dilapidated farm building with disused drystone walled livestock pens adjacent.</p>	<p>Photo 1</p>

Farm building walls and roof constructed from corrugated metal with a timber frame. The roof was largely missing. There is a dilapidated brick chimney forming one of the buildings walls. The chimney was blocked from the fireplace at the base. The entire building is overgrown with vegetation.

Due to the overgrown vegetation, it was not possible to enter what remained of the structure.

On the outside of the building chimney there was a brick oven exposed to the elements, which was highly dilapidated. There was also a sheep dip trough present, which was full of rainwater and overgrown with rhododendron.

No signs of bat activity were visible.

The livestock pens have a drystone wall structure which in parts have mosses growing over them.

Habitat Target Note: extensive rhododendron, an invasive non-native species.



Photo 2



			Photo 3
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Photo 4



Photo 5



Photo 6





Photo 7



Photo 8





Photo 9

			
11	1: NR7932145888	<p>Mammal Target Note: Large culvert located under the access track. Suitable habitat in the surrounding area to support otters. No field signs of otter identified during the survey.</p>	<p>Photo 1</p>  <p>Photo 2</p>

			 <p data-bbox="1115 751 1196 775">Photo 3</p>  <p data-bbox="1115 1331 1196 1355">Photo 1</p>
12	NR8298150559	Habitat Target Note: Wayleave community is largely rush-dominated marshy grassland.	

		<p>Purple moor grass and wet heath elements are scattered within the wayleave. Rhododendron scattered along wayleave</p>	
13	NR8088445277	Habitat Target Note: Buddleia along track	<p>Photo 1</p> 

14	NR6980644647	<p>Habitat Target Note: Ash with dieback leaning across track. No definite features but ivy may conceal bat roost features.</p>	<p>Photo 1</p> 
15	NR7424943992	<p>Habitat Target Note: Bog with <i>Calluna vulgaris</i>, <i>Dactylis glomerata</i>, <i>Sphagnum capillifolium</i>, <i>Sphagnum papillosum</i>, <i>Sphagnum medium</i>, <i>Erica tetralix</i>, <i>Sphagnum cuspidatum</i>, <i>Sphagnum palustre</i>, <i>Aulacomium palustre</i>,</p>	<p>Photo 1</p> 

16

1: NR6989044642

Mammal Target Note: Broadleaved semi-natural woodland with a running burn located alongside the access track.

The adjacent landowner stated otters are regularly seen using the burn which runs down to the beach. No field signs of otters identified.

Mammal runs present throughout the woodland. The woodland has suitable habitat to support badger setts, however, no field signs of badger setts were identified.

The woodland is bordered by farmland which is delineated by metal stock fencing partially covered with chicken wire.

Trees are mixture of hazel and sycamore with some clad in ivy.

Photo 1



Photo 2



Photo 3

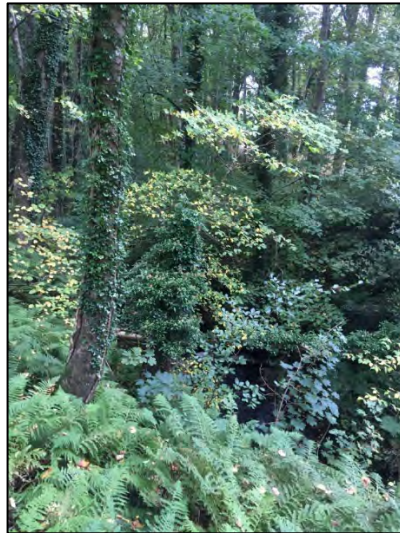





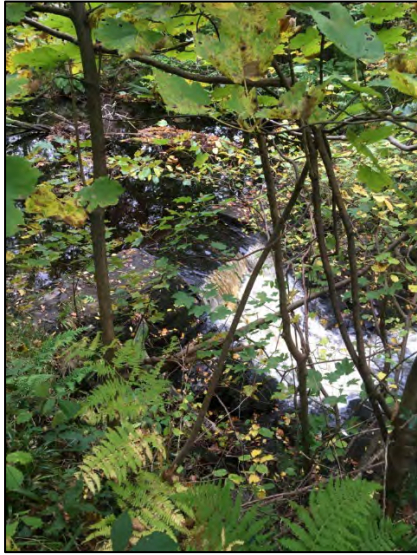
Photo 4



Photo 5

			
17	1: NR6993244692	<p>Mammal Target Note: Mammal run identified through the woodland. Potential badger scat found along the path (possibly on a territory boundary path). The scat was wet and had no bones with a musky smell.</p>	<p>Photo 1</p>  <p>Photo 2</p>

			 <p data-bbox="1111 756 1196 778">Photo 3</p>  <p data-bbox="1111 1331 1196 1353">Photo 1</p>
18	NR6976044622	Mammal Target Note: Potential otter spraints on a rock along a burn. Unable to inspect	

		<p>closely due to steep sided ravine. Scat observed through binoculars.</p>	
19	NR6970144602	<p>Mammal Target Note: The burn has a weir present. The weir is not unpassable for an otter as it has good access paths running up either side.</p>	<p>Photo 1</p> 

20

1: NR6981544649

Mammal Target Note: Multiple trees located immediately adjacent to the access track with potential bat roost features.

Photo 1

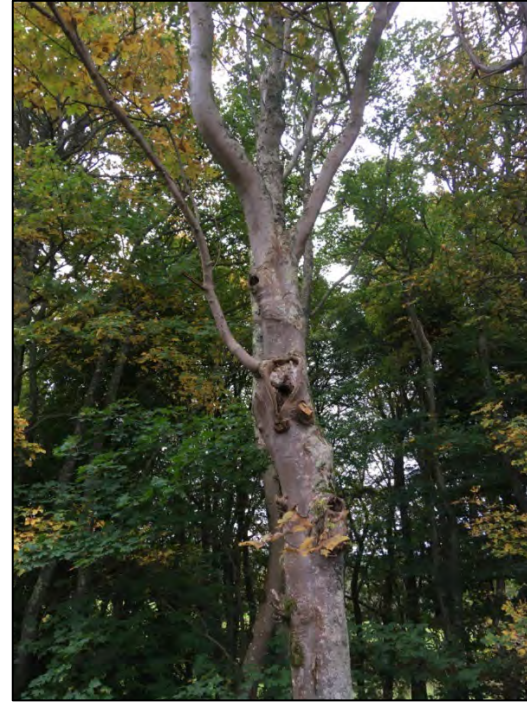


Photo 2



Photo 3



Photo 4



Photo 5



Photo 6

			
21	1: NR7176644860	Mammal Target Note: Large culvert located under the access track. Suitable habitat in the surrounding area to support otters. No	Photo 1

field signs of otter identified during the survey.



Photo 2



22

1: NR7224145387

Mammal Target Note: Coniferous plantation located approximately 5 m to 15 m from the access track. No field signs of any species was identified during the survey, but the habitat present is suitable to support red squirrel, pine marten, wildcat and / or badger.

Photo 1



Photo 2



23

1: NR7516943608

Mammal Target Note: Extensive area of dense coniferous plantation woodland.

Due to the density of the woodland, it was not possible to undertake a detailed survey for red squirrel, pine marten, and wildcat or badger field signs. No field signs for these species was identified at the woodland edge.

Photo 1



Photo 2



Photo 3



			
24	1: NR7599143629	<p>Mammal Target Note: Wind turbine and small building located approximately 50 m from the access track. The building was unable to be assessed closely due to access restrictions.</p> <p>Half of the building is currently under the 50 m access track redline buffer zone.</p> <p>The building is in regular use and is constructed of brick with a cement lined outer with soffit boxes around the top of the structure. The building roof is tiled.</p> <p>Bat potential roost potential present.</p>	<p>Photo 1</p>  <p>Photo 2</p>



Photo 3



25

1: NR7833744390

Mammal Target Note: Large bridge located along the access track. Suitable habitat in the surrounding area to support otters. No otter field signs identified during the survey.


Photo 1



Photo 2



Photo 3

			
26	NR7088344551	Bird Target Note: Merlin seen chasing prey (outside of buffer)	
27	NR7355943956	Bird Target Note: ~30 goldfinches seen flying over boggy heathland.	
28	NR7840744392	Bird Target Note: Heron seen hunting along burn (flew off before a photo could be taken)	
29	NR7840244422	Bird Target Note: 15 goldfinches seen flying across field.	
30	NR7108444623	Habitat Target Note: Broadleaved woodland with hazel, downy birch, grey willow and rowan, with gorse and bracken.	
31	NR7841544296	Habitat Target Note: Broadleaved woodland with downy birch, grey willow and eared willow, with occasional rowan and hazel. Heather and purple moor grass dominate the field layer with occasional bramble. Self-seeded Sitka spruce regeneration.	
32	NR8194448756	Habitat Target Note: Broadleaved woodland dominated by pedunculate oak with occasional downy birch and grey willow. The ground layer is dominated by male fern,	

		bracken and hard fern on steeper ground. On more level ground closer to the track are frequent soft rush, purple moor grass, tormentil and wood sorrel, and bryophytes including common haircap, glittering wood-moss and red-stemmed feather-moss.	
33	NR6962844777	Habitat Target Note: Mature sycamore and alder, with male fern, scaly male fern, broad buckler fern, bramble, and creeping buttercup.	
34	NR7839144208	Habitat Target Note: A small stand of aspen plantation.	
35	NR8301150196	Habitat Target Note: Formerly conifer plantation, now a broadleaved plantation of both young and mature sycamore and alder. The field layer comprises occasional mature with male fern, scaly male fern, broad buckler fern, bramble, and creeping buttercup.	
36	NR8245950253	Habitat Target Note: Coniferous plantation woodland dominated by mature Sitka spruce around the existing substation.	
37	NR7163944759	Habitat Target Note: Mixed plantation of mature Scots pine and Sitka spruce, with frequent downy birch, grey willow and rowan.	
38	NR826442700	Habitat Target Note: Mixed plantation of young broadleaved species in tree tubes, including rowan and downy birch, with extensive Sitka regeneration. The field layer is very disturbed, with abundant soft rush, foxglove, bramble, marsh thistle, acute-leaved bog-moss and common haircap.	
39	NR7198045191	Habitat Target Note: Scattered eared willow, soft rush and bracken along a small watercourse.	
40	NR8277049755	Habitat Target Note: Recently felled coniferous woodland comprising disturbed ground with soft rush, bulbous rush, sharp-flowered rush, Yorkshire fog, wavy hair grass, purple moor grass, marsh thistle, spear	

		thistle, foxglove, colt's-foot, heather, ragwort, tormentil, gorse, bracken and scattered eared willow seedlings.	
41	NR8285550227	Acid grassland adjacent to the existing substation subject to grazing by sheep, dominated by red fescue (<i>Festuca rubra</i>), with abundant common bent, sweet vernal grass and crested dog's-tail, and occasional soft rush, ribwort plantain, meadow buttercup, red clover, marsh thistle and ragwort.	
42	NR8317950624	Habitat Target Note: Grazed field of semi-improved neutral grassland dominated by Yorkshire fog, cock's-foot, red fescue and soft rush, with frequent ragwort, ribwort plantain, broadleaved dock, creeping buttercup and dandelion.	
43	NR8296050467	Habitat Target Note: Wayleave comprising marshy grassland, dominated by soft rush and sharp-flowered rush.	
44	NR8283550336	Habitat Target Note: Wet heath dominated by heather and purple moor-grass, with frequent cross-leaved heath, occasional bell heather, blueberry, <i>Sphagnum capillifolium</i> and <i>Hypnum jutlandicum</i> .	
45	NR7207045345	Habitat Target Note: Wet heath dominated by heather, with abundant bog myrtle and purple moor-grass, frequent wavy hair grass, blaeberry and cross-leaved heath, and occasional hare's tail cottongrass and crowberry. Bryophytes present include <i>Pleurozium schreberi</i> , <i>Polytrichum commune</i> , and <i>Sphagnum capillifolium</i> . Chickweed wintergreen was also noted.	
46	NR7836744064	Habitat Target Note: Buildings and farmland associated with the farm of Auchenbreck along the Carradale Water.	

APPENDIX C SPECIES LIST

Vascular and Nonvascular Plants		UK BAP ³⁹	SBL ⁴⁰	Argyll & Bute LBAP ⁴¹
Common Name	Scientific Name			
Acute-leaved Bog-moss	<i>Sphagnum capillifolium</i>	N	N	N
Ash	<i>Fraxinus excelsior</i>	N	N	N
Aspen	<i>Populus tremula</i>	N	N	N
Beech	<i>Fagus sylvatica</i>	N	N	N
Bell heather	<i>Erica cinerea</i>	N	N	N
Bog asphodel	<i>Narthecium ossifragum</i>	N	N	N
Bog Bead-moss	<i>Aulacomium palustre</i>	N	N	N
Bracken	<i>Pteridium aquilinum</i>	N	N	N
Bramble	<i>Rubus fruticosus agg</i>	N	N	N
Broad buckler fern	<i>Dryopteris dilatata</i>	N	N	N
Broadleaved dock	<i>Rumex obtusifolius</i>	N	N	N
Broom Fork-moss	<i>Dicranum scoparium</i>	N	N	N
Bulbous rush	<i>Juncus bulbosus</i>	N	N	N
Chickweed wintergreen	<i>Trientalis europaea</i>	N	N	N
Cocksfoot	<i>Dactylis glomerata</i>	N	N	N
Common bent	<i>Agrostis capillaris</i>	N	N	N
Common bent	<i>Agrostis glomerata</i>	N	N	N
Common cottongrass	<i>Eriophorum angustifolium</i>	N	N	N
Common haircap	<i>Polytricum commune</i>	N	N	N
Common lime	<i>Tilia x europaea</i>	N	N	N
Common marsh bedstraw	<i>Galium palustre</i>	N	N	N
Common sorrel	<i>Rumex acetosa</i>	N	N	N
Common Tamarisk-moss	<i>Thuidium tamariscinum</i>	N	N	N

³⁹ UK Biodiversity Action Plan Species list. Available at: <https://jncc.gov.uk/our-work/uk-bap-priority-species/#uk-bap-priority-species-list>

⁴⁰ Scottish Biodiversity List. Available at: <https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.nature.scot%2Fsites%2Fdefault%2Ffiles%2F2020-08%2FScottish%2520Biodiversity%2520List.xls&wdOrigin=BROWSELINK>

⁴¹ Argyll & Bute Local Biodiversity Action Plan 2010-2015 (latest published plan). Available at: <https://www.argyll-bute.gov.uk/sites/default/files/planning-and-environment/AandB%20BAP%20Draft.pdf>

Cow-horn Bog-moss	<i>Sphagnum denticulatum</i>	N	N	N
Creeping buttercup	<i>Ranunculus repens</i>	N	N	N
Creeping thistle	<i>Cirsium arvense</i>	N	N	N
Cross-leaved heath	<i>Erica tetralix</i>	N	N	N
Crowberry	<i>Empetrum nigrum</i>	N	N	N
Dandelion	<i>Taraxacum officinale agg</i>	N	N	N
Deergrass	<i>Trichophorum germanicum</i>	N	N	N
Downy birch	<i>Betula pubescens</i>	N	N	N
Eared willow	<i>Salix aurita</i>	N	N	N
Feathery Bog-moss	<i>Sphagnum cuspidatum</i>			
Flat-topped Bog-moss	<i>Sphagnum fallax</i>	N	N	N
Fringed Bog-moss	<i>Sphagnum fimbriatum</i>	N	N	N
Gorse	<i>Ulex europaeus</i>	N	N	N
Greater woodrush	<i>Luzula sylvatica</i>	N	N	N
Grey willow	<i>Salix cinerea</i>	N	N	N
Hare's tail cottongrass	<i>Eriophorum vaginatum</i>	N	N	N
Harp-flowered rush	<i>Juncus acutiflorus</i>	N	N	N
Hazel	<i>Corylus avellana</i>	N	N	N
Heath bedstraw	<i>Galium saxatile</i>	N	N	N
Heath bedstraw	<i>Galium saxatile</i>	N	N	N
Heath Plait-moss	<i>Hypnum jutlandicum</i>	N	N	N
Heath rush	<i>Juncus squarrosus</i>	N	N	N
Holly	<i>Ilex aquifolium</i>	N	N	N
Knapweed	<i>Centaurea nigra</i>	N	N	N
Little Shaggy-moss	<i>Rhytidiadelphus loreus</i>	N	N	N
Magellanic Bog-moss	<i>Sphagnum medium</i>	N	N	N
Male fern	<i>Dryopteris filix-mas</i>	N	N	N
Marsh thistle	<i>Cirsium palustris</i>	N	N	N
Mat grass	<i>Nardus stricta</i>	N	N	N
Meadow buttercup	<i>Ranunculus acris</i>	N	N	N

Mnium hornum	<i>Swan's-neck Thyme-moss</i>	N	N	N
Papillose Bog-moss	<i>Sphagnum papillosum</i>	N	N	N
Perennial rye grass	<i>Lolium perenne</i>	N	N	N
Purple moor-grass	<i>Molinia caerulea</i>	N	N	N
Ragwort	<i>Jacobaea vulgaris</i>	N	N	N
Red clover	<i>Trifolium pratense</i>	N	N	N
Red fescue	<i>Festuca rubra</i>	N	N	N
Red-stemmed Feather-moss	<i>Pleurozium schreberi</i>	N	N	N
Rhododendron	<i>Rhododendron ponticum</i>	N	N	N
Ribwort plantain	<i>Plantago lanceolata</i>	N	N	N
Scabious	<i>Succisa pratensis</i>	N	N	N
Scaly male fern	<i>Dryopteris affinis agg.,</i>	N	N	N
Scots pine	<i>Pinus sylvestris</i>	N	N	N
Selfheal	<i>Prunella vulgaris</i>	N	N	N
Sheep fescue	<i>Festuca ovina</i>	N	N	N
Sheep's fescue	<i>Festuca ovina</i>	N	N	N
Sitka spruce	<i>Picea sitchensis</i>	N	N	N
Soft rush	<i>Juncus effusus</i>	N	N	N
Springy turf-moss	<i>Rhytidiadelphus squarrosus</i>	N	N	N
Star sedge	<i>Carex echinata</i>	N	N	N
Sweet vernal grass	<i>Anthoxanthum odoratum</i>	N	N	N
Sycamore	<i>Acer pseudoplatanus</i>	N	N	N
Tormentil	<i>Potentilla erecta</i>	N	N	N
Waved Silk-moss	<i>Plagiothecium undulatum</i>	N	N	N
Wavy hair grass	<i>Avenella flexuosa</i>	N	N	N
White clover	<i>Trifolium repens</i>	N	N	N
Wild angelica	<i>Angelica sylvestris</i>	N	N	N
Wych elm	<i>Ulmus glabra</i>	N	N	N
Yorkshire fog	<i>Holcus lanatus</i>	N	N	N

Mammals

Common Name	Scientific Name	UK BAP	SBL	Argyll & Bute LBAP
Badger	<i>Meles meles</i>	N	N	N
Otter	<i>Lutra lutra</i>	Y	Y	Y
Pine marten	<i>Martes martes</i>	Y	N	N
Red squirrel	<i>Sciurus vulgaris</i>	Y	N	Y
Water vole	<i>Arvicola amphibius</i>	Y	N	Y
Wildcat	<i>Felis silvestris</i>	Y	Y	Y

Birds

Common Name	Scientific Name	UK BAP	SBL	Argyll & Bute LBAP
Blackbird	<i>Turdus merula</i>	N	N	N
Carrion Crow	<i>Corvus corone corone</i>	N	N	N
Chaffinch	<i>Fringilla coelebs</i>	N	N	N
Coal Tit	<i>Parus ater</i>	N	N	N
Goldfinch	<i>Carduelis carduelis</i>	N	N	N
Grey Heron	<i>Ardea cinerea</i>	N	N	N
Jackdaw	<i>Corvus monedula</i>	N	N	N
Merlin	<i>Falco columbarius</i>	N	N	N
Pied Wagtail	<i>Motacilla alba</i>	N	N	N
Raven	<i>Corvus corax</i>	Y	N	N
Robin	<i>Erithacus ruhecula</i>	N	N	N
Siskin	<i>Carduelis spinus</i>	N	N	N
Song Thrush	<i>Turdus philomelos</i>	N	N	N
Tree Pipit	<i>Anthus trivialis</i>	N	N	N
Treecreeper	<i>Certhia familiaris</i>	N	N	N
Woodpigeon	<i>Columba palumbus</i>	N	N	N
Wren	<i>Troglodytes troglodytes</i>	N	N	N

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