

Appendix 2: Target Notes for Habitat Survey Maps

Target Note	Description Description						
1	Pond at edge of field, surrounded by blackthorn scrub with duckweed Lemna sp over whole surface - potential for great crested newts Triturus cristatus.						
2	Rough grassland / made ground with potential for common reptile species.						
3	Large pond with island covered in mature deciduous trees (oak <i>Quercus robur</i> , sycamore Acer <i>pseudoplatanus</i> , hazel <i>Corylus avellana</i> , hawthorn <i>Crataegus monogyna</i> , elm <i>Ulmus</i> sp.), shady, deep, no aquatic vegetation noted. Mallard <i>Anas platyrhynchos</i> and Canada goose <i>Branta canadensis</i> breeding and moorhen <i>Gallinula chloropus</i> noted.						
4	Japanese knotweed Fallopia japonica.						
5	Pond in horse paddock, aquatic vegetation noted - water starwort <i>Callitriche</i> sp. and reedmace <i>Typha latifolia</i> . With young willows <i>Salix</i> sp. and teasel <i>Dipsacus fullonum</i> around margins - potential for great crested newts.						
6	Small poplar <i>Populus</i> sp. plantation with semi-mature trees, on stream corridor and in semi-improved grassland. Many wood pecker holes in trees - potential for roosting bats.						
7	Stream corridor, with trees along most of length dominated by oak and hawthorn but with hornbeam <i>Carpinus betulus</i> and apple <i>Malus sylvestris</i> occasional. Water has a medium flow over stony substrate, steep banks with limited vegetation - limited potential for water vole <i>Arvicola amphibious</i> or otter <i>Lutra lutra</i> .						
8	Tree line comprising oak, horse chestnut Aesculus hippocastanum, ash Fraxinus excelsior, holly Ilex aquifolium, hawthorn with veteran trees with bat roosting potential						
9	Old glasshouse site with rough grassland / made ground / scrub matrix and remains of old orchard - potential for common reptile species.						
10	Veteran oak trees in boundary - potential for bats and dense scrub around field margins with potential for reptiles.						
11	Group of mature trees in middle of field, woodpecker holes in horse chestnut and large dying poplar - potential for roosting bats.						
12	Large fishing pond, aquatic vegetation includes reedmace, pondweed <i>Potamogeton</i> sp., yellow flag <i>Iris</i> pseudacorus, soft rush <i>Juncus effuses</i> with greater willowherb <i>Epilobium hirsutum</i> and sweet grass <i>Glyceria</i> sp. around margins. Trees around the pond margins with ancient woodland indicators in ground flora, such as wood anemone <i>Anemone nemoralis</i> , remote sedge <i>Carex remota</i> , early dog violet <i>Viola reichenbachiana</i> , bluebell <i>Hyacithiodes non-scripta</i> and stinking iris <i>Iris foetidissima</i> .						
13	Small copse comprising semi-mature trees including ash, sweet chestnut, sycamore and, willow, with a small stand of young oak in northwest corner. Understorey comprising blackthorn <i>Prunus spinosa</i> , hawthorn, elm, elder <i>Sambucus nigra</i> , cherry <i>Prunus avium</i> and holly. Ground flora including ancient woodland indicators such as lords and ladies <i>Arum maculatum</i> , hedge woundwort <i>Stachys sylvatica</i> , lesser celandine <i>Ranunculus ficaria</i> and a number of sedge <i>Carex</i> species. Splits in limbs of trees and rot holes with potential for roosting bats.						
14	Stream / field drain with running water and aquatic / emergent vegetation including yellow flag and angelica Angelica sylvestris.						
15	Area previously a garden centre, currently garden with mixture of amenity grassland, raised beds, tall ruderal species, scrub, areas of bracken <i>Pteridium aquilinum</i> and a wooded area to the south. Potential for amphibians, reptiles, nesting birds and bats.						
16	Neglected field totally dominated by scrub and small trees including species such as bracken, bramble <i>Rubus</i> fruticosus agg, dog rose <i>Rosa canina</i> , elm with old sheds and low walls. Potential for amphibians, reptiles, nesting birds and bats						
17	Medium sized pond adjacent to road side, surrounded by trees and low scrub. Aquatic vegetation limited to reedmace with bittersweet <i>Solanum dulcamara</i> at edges. Water very shaded, anaerobic sludge in bottom, and oily slick around edges. Vegetated margins with rubble. Potential for amphibians and reptiles.						
18	Steam corridor with no trees along margin - associated vegetation includes brooklime Veronica becabunga and angelica						
19	Semi-improved grassland with moderately diverse species list including neutral grassland species such as meadow foxtail Alopecurus pratensis, sweet vernal grass Anthoxanthum odoratum, crested dog's tail Cynosurus cristatus, common knapweed Centaurea nigra, bird's-foot trefoil Lotus corniculatus, oxeye daisy Leucanthemum vulgare, agrimony Agrimonia eupatoria, meadow vetchling Lathyrus pratensis, common cat's-ear Hypochaeris radicata, meadow buttercup Ranunculus acris.						
20	Derelict glasshouse site, overgrown with scrub and with potential for amphibians, reptiles, nesting birds and bats.						
21	Small area of marshy / damp grassland.						
22	Medium sized pond (possibly an attenuation pond for housing area to the north) in depression in ground with steep banks vegetated with rank grasses and ruderal species. Aquatic / emergent vegetation includes hard rush Juncus inflexus, soft rush, pendulous sedge Carex pendula, common reed Phragmites australis and a number of sedges. Bankside vegetation including rank grasses such as cocksfoot Dactylus glomerata and false oat grass Arrhenatherum elatius with wild carrot Daucus carota, black knapweed, yellow rattle Rhinanthus minor, coltsfoot Tussilago farfara, oxeye daisy, common vetch Vicia sativa, red clover Trifolium pratense. Potential for amphibians and reptiles.						
23	Dead tree next to species rich hedgerow - has potential for roosting bats.						
	Small copse with laburnum Laburnum sp. dominating northern edge. Trees including hawthorn, ash, willow, elder,						
24	sycamore with buddleja <i>Buddleja davidii</i> and bramble scrub in understorey. Japanese knotweed also. Potential for reptiles, nesting birds and bats.						



Target Note	Description							
1	Pond at edge of field, surrounded by blackthorn scrub with duckweed <i>Lemna</i> sp over whole surface - potential for great crested newts <i>Triturus cristatus</i> .							
2	Rough grassland / made ground with potential for common reptile species.							
3	Large pond with island covered in mature deciduous trees (oak <i>Quercus robur</i> , sycamore Acer <i>pseudoplatanus</i> , hazel <i>Corylus avellana</i> , hawthorn <i>Crataegus monogyna</i> , elm <i>Ulmus</i> sp.), shady, deep, no aquatic vegetation noted. Mallard <i>Anas platyrhynchos</i> and Canada goose <i>Branta canadensis</i> breeding and moorhen <i>Gallinula chloropus</i> noted.							
27	A dry ditch and overgrown species-poor hedgerow, to 3.5m tall, located at the boundary of an arable field, providing a connection to further hedgerows in the wider landscape. Hawthorn and blackthorn are the most frequent species, with occasional bramble. and dog rose also present. A single semi-mature ash tree is present within the hedgerow.							
28	Mature species-poor hedgerow with trees. The hedgerow is generally dominated by, with bramble, rose <i>Rosa</i> sp. and elder also occasionally present. There are a number of mature pedunculate oak trees present along the central part of this hedgerow, containing a number of cracks and rot holes, of value as potential bat roosting habitat, as well as being of potential value to other fauna such as birds and invertebrates.							
29	Two amenity-managed fields surrounded by dense woodland shelter belts and a tall, species-poor hawthorn and blackthorn hedgerow along the eastern boundary. The fields are relatively species-poor, dominated by perennial rye-grass <i>Lolium perenne</i> . The woodland shelter belts surrounding the field are generally up to 5m tall and form a dense and continuous cover, will taller grassland in the understory, of potential value to small mammals. A number of the trees also contain features such as rot holes, of potential value to roosting bats. Tree species present include horse chestnut, hawthorn, blackthorn, ash, rose. and bramble.							
30	Mature borderline veteran pedunculate oak tree. A number of holes and cracks, providing opportunities for roosting bats, nesting birds and invertebrates.							
31	Large veteran pedunculate oak tree. A number of holes and cracks, providing opportunities for roosting bats, nesting birds and invertebrates.							
32	Very mature, borderline veteran, pedunculate oak trees, set within a short and regularly managed hedgerow. A number of rot holes and cracks, providing opportunities for roosting bats, nesting birds and invertebrates.							
33	A large horse-grazed field, gently sloping towards the north. The field is bordered by well-managed hedgerows to the east, south and west, and a wet ditch to the north. The hedgerows at the eastern field boundary are speciesrich, comprising of hawthorn, hazel, field maple <i>Acer campestre</i> , rose, bramble and occasional pedunculate oak trees. Mature trees are set within the centre of the field and along the southern site boundary, just set in from the hedgerow, a number of which contain rot holes, providing a potential roosting feature for bats. The grassland is short and species present include Yorkshire fog <i>Holcus lanatus</i> , soft brome <i>Bromus hordeaceus</i> , cock's-foot, perennial rye-grass, dandelion <i>Taraxacum</i> agg., vetches <i>Vicia</i> spp., greater plantain <i>Plantago major</i> , white clover <i>Trifolium repens</i> and mouse ear <i>Cerastium fontanum</i> .							
34	A small brook, flowing in an easterly direction. The brook is set at the base of two slopes with improved grasslands and arable fields located on either side. The channel characteristics are varied, generally between 0.1 – 0.4m deep and 0.5 – 1.5m wide. The majority of the surveyed section is set within a strip of woodland, with a less shaded channel towards the east. Mature oak trees are present along the length of the brook, a number of which contain features such as rot holes, of potential value to roosting bats. Other trees along the brook include ash, willows, hornbeam and hawthorn. Mats of lesser celandine are present in the understory where the woodland is denser. The eastern part of the surveyed section of the brook is less shaded and contains soft earth banks, of potential value to water vole, although no signs to indicate the presence of this species were noted.							
34	A small brook, flowing in an easterly direction. The brook is set at the base of two slopes with improved grasslands and arable fields located on either side. The channel characteristics are varied, generally between 0.1 – 0.4m deep and 0.5 – 1.5m wide. The majority of the surveyed section is set within a strip of woodland, with a less shaded channel towards the east. Mature oak trees are present along the length of the brook, a number of which contain features such as rot holes, of potential value to roosting bats. Other trees along the brook include ash, willows, hornbeam and hawthorn. Mats of lesser celandine are present in the understory where the woodland is denser. The eastern part of the surveyed section of the brook is less shaded and contains soft earth banks, of potential value to water vole, although no signs to indicate the presence of this species were noted.							
35	Agriculturally improved grassland.							
36	Large arable field. Skylark <i>Alauda arvensis</i> was heard singing over the field and the field is of potential value as nesting habitat for this and other farmland bird species.							
37	Very mature pedunculate oak trees, set within a short and regularly managed hedgerow. A number of rot holes and cracks, providing opportunities for roosting bats, nesting birds and invertebrates.							



Target Note	Description
1	Pond at edge of field, surrounded by blackthorn scrub with duckweed <i>Lemna</i> sp over whole surface - potential for
2	great crested newts <i>Triturus cristatus</i> . Rough grassland / made ground with potential for common reptile species.
3	Large pond with island covered in mature deciduous trees (oak <i>Quercus robur</i> , sycamore Acer <i>pseudoplatanus</i> , hazel <i>Corylus avellana</i> , hawthorn <i>Crataegus monogyna</i> , elm <i>Ulmus</i> sp.), shady, deep, no aquatic vegetation noted. Mallard <i>Anas platyrhynchos</i> and Canada goose <i>Branta canadensis</i> breeding and moorhen <i>Gallinula chloropus</i> noted.
38	Poor semi-improved grassland set on a south-facing aspect, surrounded by dense overgrown hedgerows with trees on its northern, eastern and western boundaries, and a brook along its southern boundary. The western hedgerow is species-rich, with species present including blackthorn, hawthorn, elm, elder, holly, field maple and pedunculate oak. The field is comprised of perennial rye-grass, Yorkshire fog, red fescue <i>Festuca rubra</i> , white clover, bristly oxtongue <i>Picris echioides</i> and vetches.
39	Mature slightly deformed ash tree located at side of road. Contains numerous rot holes, providing opportunities for nesting birds and roosting bats.
40	Ornamental pond set within a mature plantation broadleaved woodland. A number of the trees are very mature, supporting features such as rot holes, providing potential roosting opportunities for bats and nesting birds.
41	An area of broadleaved woodland, not currently subject to any form of management. The woodland is set on undulating ground, with frequent brick piles and fallen deadwood, of potential value to invertebrates, amphibians and reptiles. The ground flora is dominated by common nettle <i>Urtica dioica</i> , with occasional garlic mustard <i>Alliaria petiolata</i> and ground-ivy <i>Glechoma hederacea</i> . The trees are of varying ages, generally semi-mature, composed of willows, ash and hornbeam.
42	Two species-poor hedgerows with trees located at the northern a western peripheries of an improved horse-grazed pasture. Species within the hedgerow include hawthorn, rose, blackthorn and ash. A number of the ash trees are mature, and contain features such as rot holes, providing potential roosting opportunities for bats and nesting birds.
42	Two species-poor hedgerows with trees located at the northern a western peripheries of an improved horse-grazed pasture. Species within the hedgerow include hawthorn, rose, blackthorn and ash. A number of the ash trees are mature, and contain features such as rot holes, providing potential roosting opportunities for bats and nesting birds.
43	Parcel of land which was previously mostly cleared of vegetation and has now subsequently re-colonised with tall ruderal vegetation and neutral grassland, with some areas of bare ground. There are occasional semi-mature and mature trees, the majority of which are ash, only a small number of which contain features such as rot holes with the potential to support roosting bats. The mosaic of habitats provide potentially suitable conditions for amphibians and reptiles.
44	Broadleaved woodland composed mostly of pedunculate oak and ash, with occasional hawthorn and elder. The oak trees are generally mature, a number of which contain features such as splits and rot holes, providing potential roosting opportunities for bats and nesting birds. The ground had been recently rotavated at the time of survey, therefore this area is of limited value to amphibians and reptiles in its current state.
45	Small pond, approximately 10m x 5m. There is some open water, but the majority of the surface is dominated by dense lesser reedmace. The pond is of potential value to amphibians including great crested newt, and is surrounded by dense scrub and tall ruderal vegetation, of potential value as a terrestrial habitat for this species.
46	Mosaic of dense scrub, scattered scrub and short, rabbit-grazed, neutral grassland, located behind a plant nursery. The ground is relatively uneven, with partially-buried deadwood and concrete, providing a suitable mosaic of habitats for reptiles and amphibians. The grassland is very short with a fine sward, composed of species inlcuding perennial rye-grass, yarrow <i>Achillea millefolium</i> , ragwort <i>Senecio jacobaea</i> , thistles <i>Cirsium</i> spp., white dead-nettle <i>Lamium album</i> , common nettle, ox-eye daisy, selfheal <i>Prunella vulgaris</i> , common mouse-ear and mosses.
47	An area of hard standing which has developed a sparse neutral grassland on the northern half of this parcel of land. A line of pedunculate oak, willows and elder is located along the northern boundary with a pile of brash at its base. The mosaic of habitats present potentially suitable habitat for reptile, amphibians and a range of invertebrate species.
48	Wet ditch, flowing in a easterly direction. The ditch is an average of 50cm wide and 5 - 10cm deep. The majority of the ditch is densely shaded by broadleaved woodland on either bank, with tree roots present within the channel. No aquatic or marginal vegetation was present at the time of survey. The majority of the trees are semi-mature, with occasional mature trees containing features such as rot holes, providing potential roosting opportunities for bats and nesting birds. Canopy species include hawthorn, ash, willows, apple, elder and elm. Where the ditch is open and unshaded by trees the channel provides suitable habitat for water vole, although no signs of this species were noted.



Target Note	Description
1	Pond at edge of field, surrounded by blackthorn scrub with duckweed Lemna sp over whole surface - potential for great crested newts Triturus cristatus.
2	Rough grassland / made ground with potential for common reptile species.
3	Large pond with island covered in mature deciduous trees (oak <i>Quercus robur</i> , sycamore Acer <i>pseudoplatanus</i> , hazel <i>Corylus avellana</i> , hawthorn <i>Crataegus monogyna</i> , elm <i>Ulmus</i> sp.), shady, deep, no aquatic vegetation noted. Mallard <i>Anas platyrhynchos</i> and Canada goose <i>Branta canadensis</i> breeding and moorhen <i>Gallinula chloropus</i> noted.
48	Wet ditch, flowing in a easterly direction. The ditch is an average of 50cm wide and 5 - 10cm deep. The majority of the ditch is densely shaded by broadleaved woodland on either bank, with tree roots present within the channel. No aquatic or marginal vegetation was present at the time of survey. The majority of the trees are semi-mature, with occasional mature trees containing features such as rot holes, providing potential roosting opportunities for bats and nesting birds. Canopy species include hawthorn, ash, willows, apple, elder and elm. Where the ditch is open and unshaded by trees the channel provides suitable habitat for water vole, although no signs of this species were noted.
49	Large poor semi-improved grassland, heavily horse-grazed. The sward is very short with frequent patches of bare ground. Species present include perennial rye-grass, selfheal, creeping buttercup <i>Ranunculus repens</i> , white clover, mouse-ear, yarrow and creeping cinquefoil <i>Potentilla reptans</i> . A thick species-poor hedgerow and trees forms the eastern field boundary, with a dry ditch present at its base. This hedgerow connects to further hedgerows and woodland in the wider landscape. Species present include hawthorn, elm, ash and bramble.
50	Large ornamental pond set within the grounds of a private residential garden. The pond is surrounded by amenity-managed grassland. The pond is likely to be of some value to wildlife in the local area, in particular wildfowl and aquatic invertebrate species.
51	A large semi-improved neutral grassland horse-grazed pasture, with further grazed pasture located to its north, east and south. Species present include perennial rye-grass, meadow-grass <i>Poa</i> sp., crested dog's-tail, Yorkshire fog, cock's-foot, white clover, dandelion <i>Taraxacum</i> agg., creeping buttercup, meadow buttercup greater plantain, knapweed, vetches, ragwort and common mouse-ear.
52	Neutral grassland field located on slightly undulating ground, with a pond situated towards its eastern end. Mosses and common knapweed form a frequent component of the sward, with ox-eye daisy selfheal, white clover and vetches also present. The southern boundary is formed of a broadleaved woodland shelter belt, with a number of the pedunculate oak trees containing rot holes, providing potential roosting sites for bats. The pond is clear with little aquatic or marginal vegetation, limited to occasional greater reedmace, greater willowherb and soft rush. Piles of brash and a line of willows are present adjacent to the pond, providing a suitable mosaic of habitats for amphibians and reptiles.
53	Large semi-improved neutral grassland containing a relatively high frequency of herbs. Species present include red fescue, meadow foxtail, Yorkshire fog, cock's-foot, meadow vetchling, creeping buttercup, meadow buttercup, selfheal, white clover, bird's-foot trefoil, ox-eye daisy and common knapweed. The field boundaries are all relatively dense, comprising of species-poor hedgerows with trees and dense scrub.
54	Species-rich hedgerow with trees, composed of hawthorn, elm, holly, elder and pedunculate oak.
55	Large poor semi-improved neutral grassland field grazed by horses. The field is relatively open and exposed, with weak boundary features. Species present include Yorkshire fog, cock's-foot, perennial rye-grass, red fescue and yarrow.



Description
Pond at edge of field, surrounded by blackthorn scrub with duckweed <i>Lemna</i> sp over whole surface - potential for great crested newts <i>Triturus cristatus</i> .
Rough grassland / made ground with potential for common reptile species.
Large pond with island covered in mature deciduous trees (oak <i>Quercus robur</i> , sycamore Acer <i>pseudoplatanus</i> , hazel <i>Corylus avellana</i> , hawthorn <i>Crataegus monogyna</i> , elm <i>Ulmus</i> sp.), shady, deep, no aquatic vegetation noted. Mallard <i>Anas platyrhynchos</i> and Canada goose <i>Branta canadensis</i> breeding and moorhen <i>Gallinula chloropus</i> noted.
A strip of semi-natural broadleaved woodland is located adjacent to the Woollens Brook and bordering onto a rank neutral grassland, with a wet ditch running along its southern boundary. The woodland does not appear to receive any management and provides continued cover for a range of fauna within the local landscape. The trees are of varying age and size and a number of the mature pedunculate oak trees contain features such as rot holes and cavities which provide potentially suitable roost sites for bats. The shrub layer is mostly composed of bramble, holly and hawthorn. The ground flora is composed of dense ivy <i>Hedera helix</i> , with other species including common nettle, ground-ivy, hedge woundwort, Yorkshire fog, herb Robert <i>Geranium robertianum</i> , cleavers <i>Galium aparine</i> , meadow-grass. and greater stitchwort <i>Stellaria holostea</i> . Fallen deadwood is frequent throughout the woodland, increasing its value to invertebrates. A pond is located at the eastern end of the woodland. This pond is approximately 8m x 3m, with water up to 20cm deep. The pond contains fallen deadwood and leaf litter and is densely shaded. Lesser celandine is present on the margins of the pond. The pond is likely to be of value to wildlife in the local area, and has some limited potential to support amphibians including great crested newt.
A strip of semi-natural broadleaved woodland is located adjacent to the Woollens Brook and bordering onto a rank neutral grassland, with a wet ditch running along its southern boundary. The woodland does not appear to receive any management and provides continued cover for a range of fauna within the local landscape. The trees are of varying age and size and a number of the mature pedunculate oak trees contain features such as rot holes and cavities which provide potentially suitable roost sites for bats. The shrub layer is mostly composed of bramble holly and hawthorn. The ground flora is composed of dense ivy, with other species including common nettle, ground-ivy, hedge woundwort, Yorkshire fog, herb Robert, cleavers, meadow-grass and greater stitchwort. Fallen deadwood is frequent throughout the woodland, increasing its value to invertebrates. A pond is located at the eastern end of the woodland. This pond is approximately 8m x 3m, with water up to 20cm deep. The pond contains fallen deadwood and leaf litter and is densely shaded. Lesser celandine is present on the margins of the pond. The pond is likely to be of value to wildlife in the local area, and has some limited potential to support amphibians including great crested newt.
Rank tussocky neutral grassland on average 50cm tall, likely only to be subject to infrequent management. In its current state this field is of potential value to small mammals, reptiles and amphibians. The grassland is composed of species including Yorkshire fog, cock's-foot, false oat-grass, hogweed, common vetch, common knapweed, cuckooflower <i>Cardamine pratensis</i> , ragwort, yarrow, common nettle and cleavers.
Woollens Brook, forming the boundary between residential and commercial units and semi-improved grassland fields. The brook flows in a southerly direction with a varied channel width between 1 – 2m on average, with a mostly stony substrate. There was no visible aquatic or marginal vegetation at the time of survey. The banks are composed of earth, some sections being vertical, therefore presenting burrowing opportunities for water vole. The stony substrate means that this watercourse provides potentially suitable habitat for the native white-clawed crayfish <i>Austropotamobius pallipes</i> . The brook is overhung by trees and scrub on both banks, providing a relatively dense green corridor within the wider landscape.
Two large semi-improved neutral grassland fields separated by a species-poor hedgerow with trees, and bordering onto the Woollens Brook. The fields are managed by mowing, and some areas are managed less frequently, thereby creating a taller more tussocky sward to 50cm tall, of potential value to small mammals and reptiles. Species present include Yorkshire fog, false oat-grass, meadow foxtail, cock's-foot, fescue Festuca sp., common bent-grass, meadow buttercup creeping buttercup and occasional patches of sheep's sorrel Rumex acetosella.



Note	Description
1	Pond at edge of field, surrounded by blackthorn scrub with duckweed <i>Lemna</i> sp over whole surface - potential for great crested newts <i>Triturus cristatus</i> .
2	Rough grassland / made ground with potential for common reptile species.
3	Large pond with island covered in mature deciduous trees (oak <i>Quercus robur</i> , sycamore Acer <i>pseudoplatanus</i> , hazel <i>Corylus avellana</i> , hawthorn <i>Crataegus monogyna</i> , elm <i>Ulmus</i> sp.), shady, deep, no aquatic vegetation noted. Mallard <i>Anas platyrhynchos</i> and Canada goose <i>Branta canadensis</i> breeding and moorhen <i>Gallinula chloropus</i> noted.
59	Two large semi-improved neutral grassland fields separated by a species-poor hedgerow with trees, and bordering onto the Woollens Brook. The fields are managed by mowing, and some areas are managed less frequently, thereby creating a taller more tussocky sward to 50cm tall, of potential value to small mammals and reptiles. Species present include Yorkshire fog, false oat-grass, meadow foxtail, cock's-foot, fescue, common bent-grass, meadow buttercup creeping buttercup and occasional patches of sheep's sorrel <i>Rumex acetosella</i> .
60	Semi-improved neutral grassland managed infrequently by mowing. Species present include Yorkshire fog, false oat-grass, meadow foxtail, cock's-foot, fescue, common bent-grass creeping buttercup, bristly oxtongue, creeping thistle <i>Cirsium arvense</i> , marsh thistle <i>Cirsium palustre</i> , ragwort and broadleaved dock.
61	Rank neutral grassland with a high proportion of tall ruderal vegetation present. The ground is uneven with a stony substrate, providing suitable conditions for reptiles, small mammals and a range of invertebrates. Species present inlcude Yorkshire fog, perennial rye-grass, false oat-grass, bent-grass, red fescue, teasel, spear thistle, ragwort, dove's-foot crane's-bill <i>Geranium molle</i> , broadleaved dock <i>Rumex obtusifolius</i> , creeping thistle, bristly oxtongue, creeping buttercup, white clover, common mouse-ear, selfheal, and cuckooflower. Two mature pedunculate oak trees are present within the centre of the field, containing rot holes which provide potential roosting opportunities for bats and nesting birds.
62	Plantation broadleaved woodland bisected by a public footpath. Although a mature woodland, the majority of the trees are relatively slender, therefore providing little opportunities for roosting bats. Species present include sycamore, elm, pedunculate oak, elder, ash and hawthorn. The ground flora is dominated by ivy, with occasional dog's-mercury <i>Mercuralis perennis</i> and bluebell. The section of woodland to the south of the path is generally younger with a higher proportion of regenerating canopy species.
62	Plantation broadleaved woodland bisected by a public footpath. Although a mature woodland, the majority of the trees are relatively slender, therefore providing little opportunities for roosting bats. Species present include sycamore, elm., pedunculate oak, elder, ash and hawthorn. The ground flora is dominated by ivy, with occasional dog's-mercury and bluebell. The section of woodland to the south of the path is generally younger with a higher proportion of regenerating canopy species.
63	Two areas of rabbit-grazed neutral grassland with scattered scrub and dense scrub at the peripheries. The mosaic of habitats provides potentially suitable conditions for reptiles and a range of invertebrates. The sward is very short, with species present including perennial rye-grass, Yorkshire fog, selfheal, ragwort, yarrow, common mouse-ear, white clover, daisy <i>Bellis perennis</i> . and bristly oxtongue. Less frequent species include slender St. John's-wort <i>Hypericum pulchrum</i> and common centaury <i>Centaurium erythraea</i> . The majority of the scrub is dominated by hawthorn, with other species present including rose, bramble, apple, elm and blackthorn.
63	Two areas of rabbit-grazed neutral grassland with scattered scrub and dense scrub at the peripheries. The mosaic of habitats provides potentially suitable conditions for reptiles and a range of invertebrates. The sward is very short, with species present including perennial rye-grass, Yorkshire fog, selfheal, ragwort, yarrow, common mouse-ear, white clover, daisy and bristly oxtongue. Less frequent species include slender St. John's-wort and common centaury. The majority of the scrub is dominated by hawthorn, with other species present including rose,

33



Target Note	Description						
l	Pond at edge of field, surrounded by blackthorn scrub with duckweed <i>Lemna</i> sp over whole surface - potential for great crested newts <i>Triturus cristatus</i> .						
2	Rough grassland / made ground with potential for common reptile species.						
3	Large pond with island covered in mature deciduous trees (oak <i>Quercus robur</i> , sycamore Acer <i>pseudoplatanus</i> , hazel <i>Corylus avellana</i> , hawthorn <i>Crataegus monogyna</i> , elm <i>Ulmus</i> sp.), shady, deep, no aquatic vegetation noted. Mallard <i>Anas platyrhynchos</i> and Canada goose <i>Branta canadensis</i> breeding and moorhen <i>Gallinula chloropus</i> noted.						
64	Semi-improved neutral grassland field bounded by woodland to the north, south and west, and dense scrub then housing to the east. The sward is relatively short and therefore of limited value to reptiles or amphibians. Species present within the sward include Yorkshire fog, perennial rye-grass, common bent-grass, sweet vernal-grass, red fescue, creeping cinquefoil, meadow vetchling, selfheal, chickweed, bird's-foot trefoil, creeping buttercup, ragwort and broadleaved dock. A relatively young broadleaved woodland is located to the north of this grassland, composed of cherry, pedunculate oak, elm, hawthorn, elder and dense impenetrable bramble. Where present, the ground flora is dominated by common nettle.						
65	Semi-natural grassland which has formed over recent years on a previously-developed site. It is currently very short, being heavily grazed by rabbits. The grassland is relatively herb-rich, with species present including red fescue, common centaury, speedwell <i>Veronica</i> sp., bristly oxtongue, selfheal, creeping thistle, ox-eye daisy, ground-ivy, creeping buttercup, ragwort, white clover, broadleaved dock, slender St. John's-wort, bird's-foot trefoil common mouse-ear, rosebay willowherb <i>Chamerion angustifolium</i> and mosses. Basal leaves of orchid were also present; however, the leaves were so heavily-grazed that it was not possible to determine which species or to which genus it belongs. Dense scrub and occasional trees are present along the south-western and north-western boundaries of the grassland, with species present including blackthorn, pedunculate oak, hawthorn and bramble. The mosaic of open habitats, taller vegetation and scrub, and the variety of plant species present, are likely to be of value to a range of invertebrate species and reptiles.						
66	Mature broadleaved woodland set within and around a depression in the ground. The canopy is mostly composed of large mature trees, including pedunculate oak, ash and horse chestnut, some of which are potentially veteran. The mature trees frequently contain features such as rot hole, splits and cavities, of potential value to roosting bats, nesting birds and invertebrates. The shrub layer is limited, with species present including hawthorn, elm, elder, rose, hornbeam, bramble. and a small stand of rhododendron <i>Rhododendron ponticum</i> . The ground flora a the base of the slope is largely absent, with the majority of species located on the slopes. Species present include dog's-mercury, bluebell, periwinkle <i>Vinca</i> sp., wood avens <i>Geum urbanum</i> , cow parsley <i>Anthriscus sylvestris</i> , broadleaved dock <i>Rumex obtusifolius</i> and ground-ivy.						



Target Note	Description						
1	Pond at edge of field, surrounded by blackthorn scrub with duckweed <i>Lemna</i> sp over whole surface - potential for great crested newts <i>Triturus cristatus</i> .						
2	Rough grassland / made ground with potential for common reptile species.						
3	Large pond with island covered in mature deciduous trees (oak <i>Quercus robur</i> , sycamore Acer <i>pseudoplatanus</i> , hazel <i>Corylus avellana</i> , hawthorn <i>Crataegus monogyna</i> , elm <i>Ulmus</i> sp.), shady, deep, no aquatic vegetation noted. Mallard <i>Anas platyrhynchos</i> and Canada goose <i>Branta canadensis</i> breeding and moorhen <i>Gallinula chloropus</i> noted.						
67	Mature broadleaved woodland set within and around a depression in the ground. The woodland appears to be frequently used by dog walkers and therefore receives some disturbance. The canopy is varied in age and height, supporting a number of very mature trees containing features such as rot holes and split bark, as well as some standing deadwood, of potential value to roosting bats, nesting birds and invertebrates. The undulating ground and frequent fallen deadwood also provide additional ecological interest. Horse chestnut are generally the most mature of the canopy species, with other species present including sycamore, beech <i>Fagus sylvatica</i> , hornbeam, lime <i>Tilia</i> sp., pedunculate oak, cherry. and hawthorn. Where present, the shrub layer includes elder, hawthorn, elm, regenerating sycamore, ash and field maple. Stands of rhododendron are present at the north-eastern corner of the woodland and along its western boundary. The ground flora is varied, with a high frequency of bare ground. Bluebell is present at the base of the slope in occasional stands. Ivy forms dense mats along the ground. Other species present in the ground flora include lesser celandine, garlic mustard, burdock <i>Arctium</i> sp., hedge woundwort, lords-and-ladies, forget-me-not <i>Myosotis</i> sp., wood avens and ground-ivy.						
68	Nine active badger <i>Meles meles</i> sett entrances located at the northern boundary of the broadleaved woodland. A number of fresh diggings and well-worn paths are in close proximity to these entrances. No latrine areas were noted.						



Appendix 3: Local Wildlife Sites Surveyed

Site Code	Site Name	Wildlife Site Criteria Habitat				
71/028/01	Wormleybury Icehouse Woodland	Woodland - Ancient				
71/028/03	Wormleybury Lake	Species				
72/004	Baas Hill Common	Mosaic				
72/012	Broxbournebury Golf Course	Grassland - Acidic				
72/041	Wormley Parkland E. of A10	Grassland - Neutral				
72/050	Top Field and Cozens Grove	Grassland - Neutral				
80/001	Halstead Hill Pond	Species				
80/002	Lucas End Meadows, East	Grassland - Neutral				
80/004/01	South Lodge Pasture	Grassland - General				
80/005	Cheshunt Park Farm Field	Grassland - Neutral				
80/008	Roundcroft Wood and Smarts Green	Woodland - Ancient				
80/012	Temple Bar Meadow	Grassland - Neutral				
80/020	Poyndon Farm	Grassland - Neutral				
80/026	Meadow by Forest View	Grassland - Neutral				
80/027	Meadow N. of High View Farm	Grassland - Neutral				
80/028	Meadow N.E. of High View Farm	Grassland - Neutral				
80/029	Hammonds Street Meadow	Grassland - Neutral				
80/030	Lucas End Farm Pasture, West	Grassland - Neutral, Marshy				
80/032	Meadow W. of Whitehouse Farm	Grassland - Neutral				
80/035	Meadow S. of Rosehill Sports Ground	Grassland - Neutral				
80/037	Hammond Street Scrub	Grassland - Neutral				
80/038	Grassland S. of Hammond Street Scrub	Grassland - Neutral				



Site Code	Site Name	Wildlife Site Criteria Habitat				
80/039	Grassland S.E. of Hammond Street Scrub Grassland - Neutral					
80/044	Meadow W. of Tudor Villas Grassland - Neutral					
80/046	Longmead Farm Meadows	Grassland - Neutral, Marshy				
80/047	Meadow by Park House	Grassland - Neutral				
80/058	Bonney Grove Wood by B198	Woodland - Recent				
80/070	Cheshunt Park Grasslands and Pond	Grassland - Neutral				
80/071	Cheshunt Park Field	Grassland - Neutral				
80/072	Broom Hills	Woodland - Recent				
80/073	Burygreen plantation	Woodland - Recent				
81/001/03	Thistly Marsh and Area W. of Cheshunt Marsh	Grassland - Neutral				
81/010	Candlestick Lane Meadows	Grassland - Neutral				
81/011	Cheshunt Park Golf Course Pond	Species				
81/016	Halfhide Lane Allotments	Species				



Appendix 4: Local Wildlife Site Survey Sheets and Maps

LWS Field Survey Form 2010									
Site Name Grid Reference									
Wormleybury Icehouse Woodland			-	T L 3 4 6 0 5 8					
Site Number/ID 71/028/01				Date 1/5/12			11.6		
Recorder(s)			-	Time on Site wildlife					lije
Mark Woods			'	1.5 hours TRUSTS					STS
Site Size	4.	.3 ha							
Site Ownership	Р	rivate – to	wards	s east e	end gardens exten	d into wo	odland	, and	include
notes	Se	everal buil	dings						
Boundary of LWS									
Is the boundary sh	own o	on the ma	p cor	rect/s	ensible?	Yes	✓	No	
Comments/Amend	ments	 S							
Not all parts could be checked as the eastern end behind the houses was flooded.									
Site survey infor	matio	n							
Main biodiversity	0	ld/ancient	wood	dland					
interest of site									
Habitat - please in		e extent o	f hab	itats o	n site map (the pr	imary ha	abitat is	that f	or which the
site is recognised for Primary habitat		Broadleaved woodland							
Secondary Habitat Plantation mixed woodland									
Other Habitats		Running water							
		Hedgerow Techning water							
0									
Comments									
Interest Features – please indicate location on site map									
Veteran trees	✓	Large ho	ornbea	ams,	Bare ground		√	Lot	s of leaf
		oak, haz	el					litte	er
Pollarded trees	✓	A few			Steep slopes				
Standing/fallen	√	Plenty			Invasive species	S	√	Ch	erry laurel
dead wood									
Sap runs/holes	√	In larger	trees	i	Public access			No	
in trees									
Tussocky					Areas with frequ	ient/		Ye	s – entire
vegetation					prolonged flood	ing		eas	st end –

		inaccessible
		due to flooding
		when visited.
Abundant nectar	Seasonally wet/damp	Probably
source	areas	
Varied sward	Earthworks /hummocky	
height	ground	
Anthills	Ridge and furrow	
Rock outcrops	Other	

If there is an existing site description is it still accurate? *Please outline significant changes* Yes but could not check eastern end because of flooding.

Brief summary of habitats and site context

A linear stand of semi-natural woodland flanking a stream, which enters Wormleybury lake at east end of site. Lots of areas planted with native/exotic shrubs and trees.

Habitat detail (including notable species)

West end a mix of oak/hornbeam with additional planting of cherry laurel/Norway spruce. Sparse understorey but several ancient woodland indicators (20 in total), including early and common dog violet, wood vetch, common wintergreen and early purple orchid. The east end is less natural with plantation structure, sparse understorey and less field layer vegetation, except where there are gaps in the canopy.

Stream – meanders with other natural features obscured to some extent by high water levels at time of survey.

This site meets the criteria of for a woodland LWS, as 20 Ancient Woodland Indicator species were recorded, providing field evidence of the advanced age of the woodland.

Non-botanical interest
HBRC has site records of bats and badger dating from the 1970s and 1980s.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible) Compared to previous descriptions Primary habitat Broadleaved Woodland: favourable - declining Secondary habitat Plantation: favourable - declining Other habitat Hedgerow: unfavourable

Comments/Explanation of Condition

Woodland needs thinning and control of exotic species (cherry laurel) is desirable.

Hedgerow needs laying.

Stream was not assessed as it was in flood at time of survey.

Is this site a good example of its habitat type in Hertfordshire?	Yes	√	No	But needs removal of exotics from semi-natural stand.
Will the current management retain the biodiversity value of the site?	Yes		No	✓
Does the site have potential to improve with different management?	Yes	√	No	Thinning will improve structure and diversity
Is further survey work required? E.g invertebrates, birds	Yes		No	✓

Site Mana	agement			
Type of management/Condition		Tick Box	Details/Comments	
Grassland	l/Wetland			
Unmanage	ed			
Grazed	cattle	sheep		
	horse	mixed		
	Over-gra	zed		
	Under-gr	razed		
Cut	Mown			
	Hay cut	Silage cut		
	Frequent mowing			
	Hay cut	& aftermath		
	grazing			
Scrub		Scattered		
Encroach	ment	<5%		
		5-20%		
		>20%		
Herbicide	pesticide/	fertiliser use		
Planting of	f trees			
Other				
Woodland				
Unmanaged Woodland		√		
High Fore	st		\checkmark	
Active co	opice so	ome standards		
			1	

	no standards		
Abandoned co	ppice		
	d pasture/parkland		
Relic wood pas			
Pollarded Woo	dland	\checkmark	In places
Exotics / Orna	mentals	✓	Locally abundant
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ed trees		
Dead wood		\checkmark	In abundance
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	amage & Dumping		
Invasive aliens			Wooden shed and plastic/glass summer house
Heavy amenity use			behind houses at east end of site.
Heavily disturbed			
Dumping impact			
Vehicular impa	act		
Fly tipping			
Other		✓	

Management							
	urrent management of the	site?					
None							
What manage	ement is recommended to I	maintain / improve the biodiversity of the site?					
		·					
Primary	Thinning of woodland and a	control of evetic enecies					
Habitat	Thinning of woodland and control of exotic species.						
Habitat							
Secondary	Hedge laying						
Habitat	riedge laying						
Other							
Habitats							
le grazing an	propriate for this site?						
No	propriate for this site:						
Is the site sto	ockproof?	NA					
	have water for stock?	NA					
Is the site ac	cessible to a vehicle?	No					
	nagement discussed with tl	he land owner, and if so, what?					
No							
Other Comments regarding site management							
None	ents regarding site manage	ement					

Phase 1 Habitat Map of Wormleybury Icehouse Woodland 71/028/01





LWS Field Survey Form 2010											
Site Name				Grid R	eferenc	е				•	~
Wormleybury Lake				T L	3 5	5	0				
Site Number/ID 71/	028/0	3		Date 1	/5/12	•	1			HE • T	11.6
Recorder(s)		Time on Site <i>Wildlife</i>							ilite		
Mark Woods			2 hours TRUSTS							ISTS	
Site Size	L	Inknown									
Site Ownership	Р	rivate							ı		
notes											
Boundary of LWS											
Is the boundary sh	own	on the ma	ар со	rrect/s	ensible	?		Yes		No	N/A
Comments/Amend	ment	S						I	I		1
GIS map layer provi	ided d	oes not sl	how c	lear bo	undary	for this	LW	S.			
The lake margins ar	nd the	woodland	mmi b	ediately	y adjace	ent wei	re su	rveyed.			
Site survey infor	matic	n									
Main biodiversity	S	pecies –	7 spe	cies of	bat hav	e been	rec	orded fo	raging	over t	he lake.
interest of site	G	Grass snak	kes ai	nd wate	r voles	have a	also k	oeen red	orded	-	
Habitat – please ir site is recognised for		e extent o	of hal	bitats o	n site ı	nap (tl	he pr	imary h	abitat	is that	for which the
Primary habitat		tanding w	ater								
Secondary Habita	t P	lantation	mixed	d woodl	and						
Other Habitats	R	tunning w	ater -	- feeder	outlet s	stream	S				
Comments	•										
Lake and margins a	re pa	rtially surr	ound	ed by m	nature m	nixed p	olanta	ation wo	odland	l. Stre	eams are
located on the sout	h side										
Interest Features -	- plea	se indica	te lo	cation	on site	map					
Veteran trees	✓	Very lar	ge oa	ıks	Bare (ground	b		✓	E	xtensive
										be	elow yew
										tre	ees
Pollarded trees	✓				Steep	slope	S				
Standing/fallen	√				Invasive species						
dead wood											
Sap runs/holes	√	Public ac				acce	SS			N	0
in trees											

Tussocky	Areas with frequent/		
vegetation	prolonged flooding		
Abundant nectar	Seasonally wet/damp	✓	Lots of flooded
source	areas		areas at time
			of survey
Varied sward	Earthworks /hummocky		
height	ground		
Anthills	Ridge and furrow		
Rock outcrops	Other		

If there is an existing site description is it still accurate? *Please outline significant changes* Yes although existing description is limited.

Brief summary of habitats and site context

Large ornamental lake with woodland to south and amenity grassland to north. Extent of LWS unclear from previous survey data/GIS layers.

Habitat detail (including notable species)

Lake with margins of common reed, sweet grass and yellow flag never more than 2m wide and most extensive on inlet stream and north side, which is adjacent to open, amenity managed grassland in front of large hall. Grassland has a number of indicator species for neutral grassland including common sorrel, field woodrush, hairy sedge and bird's-foot trefoil.

Lake supports white and yellow water-lily. A few common wildfowl species – mallard, coot, tufted duck and Canada goose were noted. A few alder trees on north side.

Woodland on south side is ornamental and mixed – large yews/oaks and a range of other species including sycamore, poplar, horse chestnut, alder, beech. Shrub layer of Rhododendron, bamboo species, box and holly. Extensive carpets of ramsons but bare ground under yew trees.

The site is designated as a LWS on the basis of its species interest. It cannot be confirmed whether it meets the selection criteria on the basis of this habitat survey, but the habitats appear suitable for foraging bats, grass snake and water vole. HBRC hold records of grass snake, water vole and Daubentons, Whiskered, Natterer's, Noctule, Nathusius's pipistrelle, common pipistrelle and serotine bats all from the LWS and dating from the 1970s and 1980s.

Non-botanical interest		
See above		

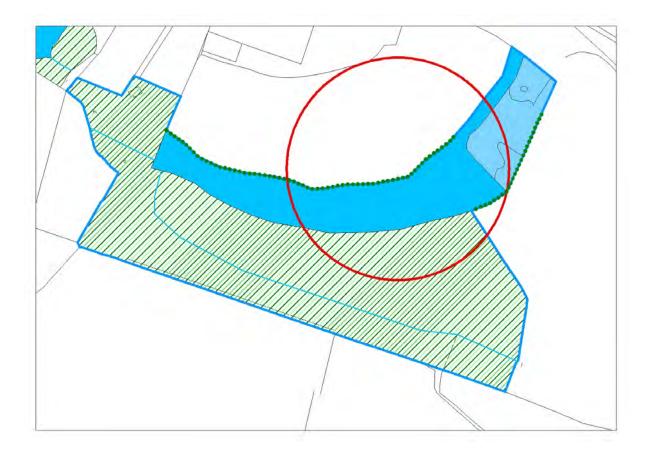
Site Condition (favor	urable/unfavourable,	and stab	le/de	clining/ı	recovering where possible)	
Compared to previous descriptions						
Primary habitat	Standing water: favou	ırable- st	able			
Secondary habitat	Plantation mixed woo	dland: fa	voura	ble - sta	ble	
Other habitat	Running water – strea	ams in flo	od so	not able	e to assess condition.	
Comments/Explanation	on of Condition					
Is this site a good exa	Imple of its habitat	Yes		No	Not applicable – site is	
type in Hertfordshire?	-				designated for species	
					interest.	
Will the current mana	gement retain the	Yes	√	No	Very limited intervention.	
biodiversity value of t	he site?					
Does the site have po	tential to improve	Yes		No	✓	
with different manage	ement?					
Is further survey work	required? E.g	Yes	√	No	Bat, reptile and water vole	
invertebrates, birds					surveys are recommended	
					to establish whether site	
					meets LWS species criteria.	

Site Mana				
Type of management/Condition		Tick Box	Details/Comments	
Grassland	I/Wetland			
Unmanage	ed			
Grazed	cattle	sheep		
	horse	mixed		
	Over-graz	ed		
	Under-gra	zed		
Cut	Mown			Adjacent grassland is amenity managed and goose-
	Hay cut	Silage cut		grazed.
	Frequent mowing			
	Hay cut & aftermath grazing			
Scrub	J - 3	Scattered		
Encroachi	ment	<5%		
		5-20%		
		>20%		
Herbicide/	/pesticide/fe	ertiliser use		
Planting o	Planting of trees			
Other	•			
Woodland				
Unmanage	ed Woodlan	nd	✓	

High Forest			
Active coppice	some standards		
	no standards		-
Abandoned co			
	d pasture/parkland		
Relic wood pa	sture/parkland		
Pollarded Woo	odland	✓	
Exotics / Orna	mentals	√	Several species
Game manage	ment		
Woodland clea	aring		
Woodland ride			
Recently plant	ed trees		
Dead wood		√	Plenty of standing and fallen
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E			
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		Partially grazed by waterfowl
management	Unmanaged	V	
	Grazed	\checkmark	
	Cut		
	Damage & Dumping		
Invasive aliens		√	Rhododendron in woodland
	Heavy amenity use		
Heavily distur			1
Dumping impa			<u> </u>
Vehicular impa	act		<u> </u>
Fly tipping			
Other			

Management						
What is the current management of the	e site?					
Amenity						
	maintain / improve the biodiversity of the site?					
No management changes recommended.						
Primary Habitat						
Парітат						
Secondary						
Habitat						
Other						
Habitats						
Is grazing appropriate for this site?						
Is the site stockproof?	NA					
Does the site have water for stock?	NA					
Is the site accessible to a vehicle?	No					
Was any management discussed with	the land owner, and if so, what?					
No						
Other Comments regarding site management						
None	•					

Phase 1 Habitat Map of Wormleybury Lake 71/028/03





LWS Field Survey Form 2010													
Site Name		Grid Reference											
Baas Hill Common				TL	3	5 8	0	6	7				
Site Number/ID 72	72/004 Date 8/5/12						11.0						
Recorder(s)				Time o	n Sit	е					Ü	īila	lite
Mark Woods		2 hours TRUSTS							STS				
Site Size	3.	7 ha	1										
Site Ownership	Lo	ocal Autho	ority							I			
notes													
Boundary of LWS													
Is the boundary sh	own d	on the ma	ар со	rrect/s	ensib	le?		1	Yes	✓	•	No	
Comments/Amend	ments	3								1			
Site survey infor	matio	n											
Main biodiversity	M	osaic of b	oroad	leaved	wood	land a	nd aci	id a	nd ne	eutra	al gra	sslar	ıd.
interest of site													
Habitat – please in		e extent o	of ha	bitats o	n site	map	(the p	orin	nary h	abit	at is	that f	or which the
site is recognised for Primary habitat		roadleave	ed wo	odland									
Secondary Habitat	A	Acid grassland with scattered trees											
Other Habitats	N	eutral gra	sslar	nd									
	R	unning wa	ater										
Comments													
Likely to have origin	ally be	en wood	past	ure.									
,			•		!4								
Interest Features -		se indica	te 100	cation		•							I
Veteran trees	✓				Bare	grou	na				✓		low park
D. II. d. Li					01							tre	es.
Pollarded trees	√	Steep slopes											
Standing/fallen	✓				Inva	sive s	pecie	es					
dead wood					<u> </u>							1	
Sap runs/holes	✓			Public access									
in trees						• -							
Tussocky	\checkmark	Some a				as with	-						
vegetation		neutral (grass	sland prolonged flooding									

Abundant nectar	√		Seasonally wet/damp	✓	Next to stream
source			areas		
Varied sward	✓	Some amenity	Earthworks /hummocky		
height		some hay.	ground		
Anthills			Ridge and furrow		
Rock outcrops			Other		

If there is an existing site description is it still accurate? *Please outline significant changes* Yes

Brief summary of habitats and site context

A block of land adjacent to and to the west of the A10. The centre of the site is composed of broadleaved woodland. This grades to scattered woodland and trees growing amongst acid grassland. To the west of the site, separated from the woodland by a stream, is a block of neutral grassland with broadleaved woodland along its northern margin.

Habitat detail (including notable species)

Woodland is primarily hornbeam and pedunculate oak, including some very large oaks. Probably wood pasture in the past. It has good structural diversity, with plenty of deadwood, and an understorey composed of hawthorn, blackthorn, regenerating hornbeam and oak. Field layer is sparse with many areas of bare ground. There is a willow carr near the stream, which is likely to be seasonally flooded. Here the field layer is composed of nettles. There are also some areas of recently coppiced hornbeam and cleared hawthorn scrub.

The stream is shallow, gravelly and meandering with shaded margins and a moderate flow rate.

The neutral grassland is partly amenity mown and partly hay meadow. It has a good range of grasses and a more limited range of common herbs.

The acid grassland is amenity managed and occurs with semi- and mature oaks and hornbeams. Extensive areas are shaded and bare or sparsely vegetated. Sward is short with patches of short ephemeral species indicative of disturbance.

The woodland has 14 Ancient Woodland Indicator species, the acid grassland has 7 Grassland Indicator species and the neutral grassland has 11 Grassland Indicator species. Each of these habitats would qualify alone if they were larger in extent, but taken together they meet the selection Criteria for a LWS.

Non-botanical interest The mosaic of habitats with its diversity of species and structure is likely to be of value to breeding birds, reptiles and a range of invertebrates. Also suitable terrestrial habitat for great crested newts (there is a pond located off-site to the west and connected by suitable terrestrial habitat).
birds, reptiles and a range of invertebrates. Also suitable terrestrial habitat for great crested newts

Primary habitat Broadleaved woodland: favourable- stable Secondary habitat Acid grassland: favourable- stable Other habitat Neutral grassland: favourable- stable Comments/Explanation of Condition Is this site a good example of its habitat type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g invertebrates, birds Broadleaved woodland: favourable- stable No Relax amenity mowing of acid grassland	Site Condition (favor	urable/unfavourable, a	and stab	le/de	Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)						
Secondary habitat Acid grassland: favourable- stable Neutral grassland: favourable- stable Comments/Explanation of Condition Is this site a good example of its habitat type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No Relax amenity mowing of acid grassland Is further survey work required? E.g Yes No V	Compared to previous	s descriptions									
Other habitat Neutral grassland: favourable- stable Comments/Explanation of Condition Is this site a good example of its habitat type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g No Ves No	Primary habitat	Broadleaved woodlan	d: favou	able-	stable						
Comments/Explanation of Condition Is this site a good example of its habitat type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No No Relax amenity mowing of acid grassland	Secondary habitat	Acid grassland: favou	rable- sta	able							
Is this site a good example of its habitat type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No ✓	Other habitat	Neutral grassland: fav	ourable-	stable	е						
Is this site a good example of its habitat type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No ✓											
type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No ✓	Comments/Explanation	on of Condition									
type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No ✓											
type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No ✓											
type in Hertfordshire? Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No ✓											
Will the current management retain the biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No ✓ No No Relax amenity mowing of acid grassland	Is this site a good exa	mple of its habitat	Yes	✓	No						
biodiversity value of the site? Does the site have potential to improve with different management? Is further survey work required? E.g Yes No Relax amenity mowing of acid grassland	type in Hertfordshire?	•									
Does the site have potential to improve with different management? Yes ✓ No Relax amenity mowing of acid grassland Is further survey work required? E.g Yes No ✓	Will the current mana	gement retain the	Yes	✓	No						
with different management? Is further survey work required? E.g Yes No ✓	biodiversity value of t	he site?									
Is further survey work required? E.g Yes No ✓	Does the site have po	Yes	✓	No	Relax amenity mowing of						
	with different manage				acid grassland						
invertebrates, birds	Is further survey work	Yes		No	✓						
	invertebrates, birds										

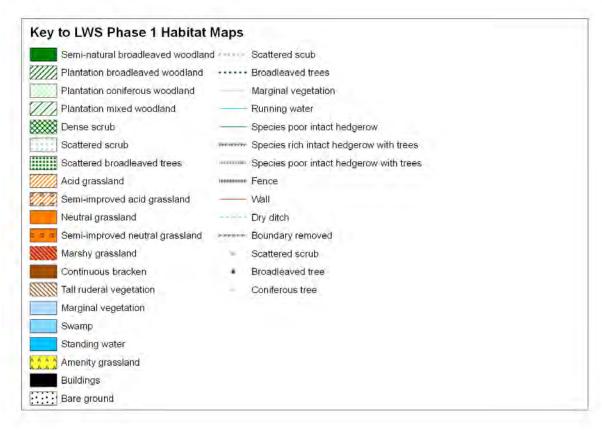
Type of ma	anagemen	4/0 !!4!	Tick	
	Type of management/Condition			Details/Comments
Grassland/	/Wetland			
Unmanage	ed .			
Grazed	cattle	sheep		
	horse	mixed		
	Over-graz			
	Under-gr	azed		
Cut	Mown		✓	Hay cut on neutral grassland, amenity cut on
	Hay cut	✓ Silage cut		acid grassland
	Frequent	mowing	✓	
	Hay cut & aftermath grazing			
Scrub		Scattered		
Encroachn	nent	<5%	✓	
		5-20%		
		>20%		
		fertiliser use		
Planting of trees		√		
Other				
Woodland				
Unmanage	d Woodla	nd		
High Fores	st		✓	
Active cop	pice sc	me standards	√	Hornbeam

no standards							
Abandoned co	ppice						
	d pasture/parkland						
Relic wood pa	sture/parkland	\checkmark					
Pollarded Woo	odland	✓	Some large pollards				
Exotics / Orna	mentals						
Game manage							
Woodland clea	aring	✓					
Woodland ride	es	✓					
Recently plant	ed trees	\checkmark					
Dead wood		✓					
Other							
Hedgerows							
Cut Hedge	With standards		Hawthorn single species				
	Without standards	\checkmark					
Uncut Hedge	With standards						
	Without standards						
Overgrown	With standards						
Hedge	Without standards						
Rivers/Water E	Bodies						
Fishing	Heavy						
	Light (not obvious)						
Bank	Fenced off						
management	Unmanaged						
	Grazed						
	Cut						
Disturbance, D	Disturbance, Damage & Dumping						
Invasive aliens							
Heavy amenity use		✓					
Heavily disturbed							
Dumping impa							
Vehicular impa	act						
Fly tipping							
Other							

Management	Management						
What is the current management of the site?							
Scrub control and coppicing. Amenity mowing and tree pruning on acid grassland.							
	ing and tree pruning on acid (with mown paths on neutral (
riay meadow	with mown paths on heatrar (gradolaria.					
What manage	ement is recommended to I	maintain / improve the biodiversity of the site?					
Primary	Continue programme of coppice/scrub control.						
Habitat							
Secondary		enity mowing on acid grassland, but retain some shorter					
Habitat	areas to maximise structura	Il diversity and create mosaic of long and short patches.					
Other Habitats	Neutral nay meadow – Harr	ow or carry out second cut and raking to open up sward.					
Πασπαισ							
le grazing an	propriate for this site?						
• • •	neutral grassland						
	Toda ar gradolana						
Is the site sto	-	No					
	have water for stock?	Yes					
	cessible to a vehicle?	Yes					
Was any management discussed with the land owner, and if so, what?							
No							
Other Comm	ents regarding site manage	ement					
None	5 5 5						

Phase 1 Habitat Map of Baas Hill Common 72/004





LWS Field Survey Form 2010									
Site Name		Grid Reference							
Broxbournebury Go	lf Cou	irse		T L 3 5 4 0 6 9					
Site Number/ID 72/	Site Number/ID 72/012						1 1100		
Recorder(s)		Time on Site 3 hours							
Mark Woods		TRUSTS							
Site Size	2	2.3 ha							
Site Ownership	F	rivate			<u> </u>				
notes									
Boundary of LWS									
Is the boundary sh	own	on the ma	ар со	rrect/sensible?	Yes	√	No		
Comments/Amend	ment	S							
Site survey infor	matio	on							
Main biodiversity	P	cid grassl	and						
interest of site									
		e extent d	of ha	bitats on site map (the p	orimary hab	oitat is t	hat for which the		
site is recognised for Primary habitat		cid grassl	and						
Secondary Habitat	: E	Broad leav	ed w	oodland/dense scrub					
Other Habitats	5	Standing w	ater						
	P	menity gr	assla	nd					
	5	Scattered t	rees	including many oak veter	rans				
Comments									
Interest Features -	- nlos	so indica	to lo	cation on site man					
Veteran trees	- piea	Oaks	ie io	<u> </u>			Below trees		
	v	Oaks		Bare ground		V			
Pollarded trees	√			Steep slopes		√	Acid grassland		
Standing/fallen	\checkmark			Invasive specie	es	✓	Rhododendron		
dead wood							in woods		
Sap runs/holes	\checkmark			Public access					
in trees									
Tussocky	\checkmark			Areas with freq	-	√	On golf course		
vegetation				prolonged floo					
Abundant nectar	\checkmark			Seasonally wet	/damp	√	On golf course		
source				areas					

Varied sward	√	Acid grassland	Earthworks /hummocky	
height			ground	
Anthills			Ridge and furrow	
Rock outcrops			Other	

If there is an existing site description is it still accurate? Please outline significant changes Yes

Brief summary of habitats and site context

Golf course with an undulating topography and a mosaic of grassland and scrub surrounding the fairways and greens. Block of woodland at southern end of site and a number of ornamental lakes.

Habitat detail (including notable species)

Mosaic of short and tussocky patches of acid grassland, patches of woodland and scrub. The acid grassland is mostly short and very species rich with a number of spring annuals such as bird's-foot and small-flowered cranesbill. Excellent example of habitat type.

Mature broad-leaved woodland at southern end of site with a few large trees and a very large veteran oak. Parkland has numerous veteran oaks.

Lakes are ornamental with narrow mixed margins. Various species of willow trees fringing 50% of shore line.

The site meets the selection criteria for a LWS based on the presence of 10 Grassland Indicator species (at least 5 are required for acid grassland to qualify).

Non-botanical interest

The mosaic of habitats provide good structural variety suitable for reptiles, great crested newts, breeding birds and a variety of invertebrates.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)						
Compared to previous	s descriptions					
Primary habitat	Acid grassland: favou	rable - s	able			
Secondary habitat	Woodland: favourable	- stable				
Other habitat	Lake: favourable - sta	ble				
Comments/Explanation	on of Condition					
Is this site a good exa	mple of its habitat	Yes	✓	No		
type in Hertfordshire?	•					
Will the current manage	gement retain the	Yes	√	No		
biodiversity value of t	he site?					
Does the site have po	tential to improve	Yes	✓	No	Occasional control of	
with different manage				bramble and gorse and		
					cutting of thistles.	
Is further survey work	required? E.g	Yes		No	✓	
invertebrates, birds						

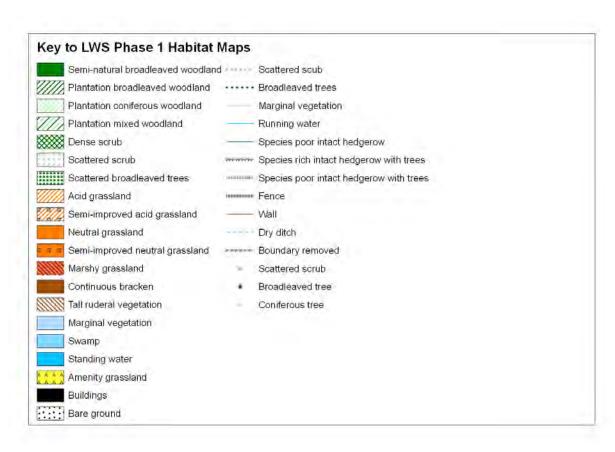
Site Management							
Type of m	nanagemen	t/Condition	Tick Box	Details/Comments			
Grassland	d/Wetland						
Unmanag	ed						
Grazed	cattle	sheep		Some rabbit grazing.			
	horse	mixed					
	Over-graz	zed		1			
	Under-gra	azed					
Cut	Mown			Sward mostly short.			
	Hay cut	Silage cut					
	Frequent mowing		√				
Hay cut & aftermath grazing							
Scrub		Scattered		In places, but mosaic is desirable.			
Encroach	ment	<5%					
		5-20%	✓				
		>20%					
Herbicide	/pesticide/f	ertiliser use	√				
Planting of trees		✓					
Other							
Woodland	Woodland						
Unmanag	ed Woodla	nd	√				
High Fore	est		√				

		1	
Active coppice some standards			
	no standards		
Abandoned co			
	d pasture/parkland		
Relic wood pa	sture/parkland	✓	
Pollarded Woo	odland		
Exotics / Orna	mentals	√	
Game manage	ment		
Woodland clea	aring		
Woodland ride	es .		
Recently plant	ed trees	✓	
Dead wood		✓	
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy	\checkmark	
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
Cut			
Disturbance, D	Damage & Dumping		
Invasive aliens		√	Rhododendron
Heavy amenity use		✓	Amenity use of golf course area has not affected
Heavily disturbed			botanical interest of margins.
Dumping impa	Dumping impact		
Vehicular impact]
Fly tipping]
Other]
			·

Management								
What is the current management of the	site?							
Mixed								
What management is recommended to maintain / improve the biodiversity of the site?								
Maintain current cutting regimes Control bramble and gorse scrub								
Control bramble and gorse scrub								
Primary								
Habitat								
Secondary								
Habitat								
Other								
Habitats								
Is grazing appropriate for this site?								
No								
Is the site stockproof?	No							
Does the site have water for stock?	No							
Is the site accessible to a vehicle?	Yes							
Was any management discussed with the	│ he land owner. and if so. what?							
No	,							
Other Comments on the St								
Other Comments regarding site manage None	ement							
None								

Phase 1 Habitat Map of Broxbournebury Golf Course 72/012





LWS Field Survey Form 2010														
Site Name		Grid Reference												
Wormley Parkland		T L 3 6 2 0 5 4												
Site Number/ID 72/	041	Date 8/5/12												
Recorder(s)		Time on Site Wildlife							ltje					
Mark Woods		1.5 hours TRUSTS												
Site Size	1	9.3 ha												
Site Ownership	F	rivate									•			
notes														
Boundary of LWS														
Is the boundary sh	own	on the ma	ap cor	ect	/sens	ible?	•			Yes	✓		No	
Comments/Amend	ment	s									1			
Site survey infor	matio	on												
Main biodiversity	١	leutral gra	ssland											
interest of site														
Habitat – please in		e extent d	of hab	tats	on s	ite m	ap (the	prir	nary h	nabit	tat is	that f	or which the
site is recognised for Primary habitat		leutral gra	ssland											
Secondary Habitat		Scattered b			d woo	dlan	d							
Other Habitats														
Comments														
Parkland														
Interest Features -	- plea	se indica	te loca	tior	on s	ite n	nap							
Veteran trees	√	Near-ve	teran		Ba	re g	rour	nd				√	Lin	nited under
		trees						es						
Pollarded trees	✓				St	еер	slop	es						
Standing/fallen	√		Invasive species											
dead wood														
Sap runs/holes	✓				Pι	blic	acc	ess						
in trees														
Tussocky	✓				Ar	eas	with	fre	que	nt/				
vegetation					pr	olon	ged	floc	odir	ıg				
Abundant nectar					Se	asoı	nally	we	et/da	amp				

source			areas	
Varied sward	✓		Earthworks /hummocky	
height			ground	
Anthills	✓	Frequent	Ridge and furrow	
Rock outcrops			Other	

Site Description

If there is an existing site description is it still accurate? Please outline significant changes Yes

Brief summary of habitats and site context

Parkland – groves of mixed broadleaved woodland trees within tussocky neutral grassland with frequent anthills.

Habitat detail (including notable species)

Grassland contains a variety of grasses, including sweet vernal grass, red fescue and cock's foot and a more limited herb content. Structure is tussocky and thatch is extensive in places. Numerous trees of various species and ages, growing in groves and standing alone within the grassland.

Although the number of Grassland Indicator species present (7) falls just below the threshold for neutral grassland, there are a sufficient number of mature parkland trees (at least 15 are required to qualify) to justify selection as a LWS for its parkland habitat in addition to the grassland interest.

Non-botanical interest

Many of the trees have rot holes suitable for supporting roosting bats.

Numerous mature trees, deadwood and mature grassland provide potential habitat for a variety of invertebrates.

Trees provide habitat for breeding birds.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)								
Compared to previous descriptions								
Primary habitat	Neutral grassland: fav	ourable-	stable)				
Secondary habitat	Scattered broadleave	d woodla	ınd: fa	vourable	e-stable			
Other habitat								
Comments/Explanation	on of Condition							
Is this site a good exa	mple of its habitat	Yes	√	No				
type in Hertfordshire?	•							
Will the current mana	gement retain the	Yes	√	No				
biodiversity value of t	he site?							
Does the site have po	tential to improve	Yes	✓	No	A reduction in stock			
with different management? numbers.								
Is further survey work	required? E.g	Yes		No	✓			
invertebrates, birds								
				1	1			

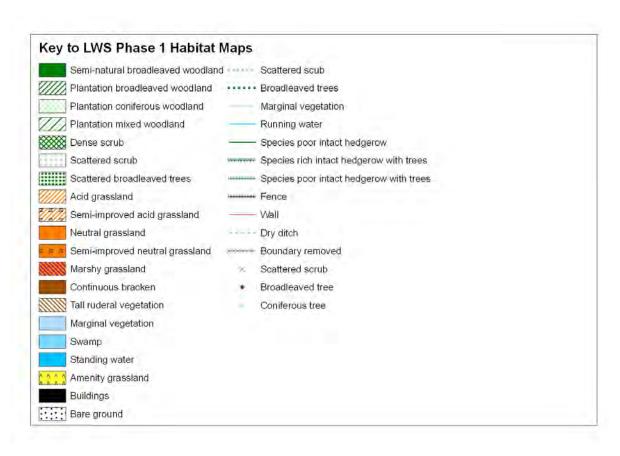
Site Man				Tick				
Type of management/Condition					Details/Comments			
Grassland	d/Wetlan	d						
Unmanag	jed							
Grazed			✓	Possibly too many if grazing period is extended				
	horse		mixed		beyond 6-8 weeks.			
	Over-g							
	Under-	graz	ed					
Cut	Mown							
	Hay cu	ıt	Silage cut					
	Frequent mowing							
Hay cut & aftermath			ftermath					
	grazin	g						
Scrub			Scattered					
Encroach	ment		<5%					
			5-20%					
			>20%					
		le/fer	tiliser use					
Planting 6	of trees			✓	Some			
Other								
Woodland				•				
Unmanag	ed Wood	dland						
High Fore								
Active co	ppice	som	e standards					
		no s	tandards					

Abandoned coppice			
Managed woo	Managed wood pasture/parkland		Sheep-grazed parkland
Relic wood pa	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride	_		
Recently plant	ed trees		
Dead wood		✓	
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens	Invasive aliens		_
Heavy amenity use			_
	Heavily disturbed		_
Dumping impa			_
Vehicular impa	act		
Fly tipping			_
Other			

Management									
What is the current management of the site?									
Sheep grazing									
What manage	What management is recommended to maintain / improve the biodiversity of the site?								
Primary	A reduction in the number of	of animals and grazing period may improve the sward							
Habitat	diversity.	or arminate and grazing period may improve the eward							
	·								
Secondary									
Habitat									
Other									
Habitats									
Is grazing ap	propriate for this site?								
Yes									
Is the site sto	ockproof?	Yes							
Does the site	have water for stock?	Yes							
Is the site ac	cessible to a vehicle?	Yes							
	nagement discussed with th	he land owner, and if so, what?							
No									
Other Comm	ents regarding site manage	ement							
None									

Phase 1 Habitat Map of Wormley Parkland 72/041





LWS Field Survey Form 2010												
Site Name				Grid R	eference				(-)			
Top Field and Cozens Grove				T L 3 6 0 0 6 6								
Site Number/ID 72	7/050 Date 8/5/12											
Recorder(s)		Time on Site Wildlife										
Mark Woods				1.5 hours TRUSTS								
Site Size		5.9 ha										
Site Ownership	I	_ocal Auth	ority									
notes												
Boundary of LWS												
Is the boundary sh	own	on the ma	ар сс	rrect/s	ensible?		Yes	✓	No			
Comments/Amend	men	ts						l				
Site survey infor	mati	on										
Main biodiversity	I	Neutral gra	sslar	nd								
interest of site												
Habitat – please in site is recognised for		te extent o	of ha	bitats c	n site map	(the pr	imary ha	bitat is	that for which the			
Primary habitat		Neutral gra	sslar	nd								
Secondary Habitat	: 1	Broadleave	ed wo	odland								
Other Habitats	I	Running wa	ater									
	;	Species-po	or he	edge wit	th trees, der	nse scri	ub, tall ru	ıderal				
Comments	I											
Interest Features -	- plea	ase indica	te lo	cation o	on site map)						
Veteran trees	√	Near-ve	teran	oak	Bare grou	ınd		√	Extensive in			
		in wood							woodland			
Pollarded trees	√	Woodlar	oodland edge Steep slopes									
		hornbea										
Standing/fallen	√				Invasive s	species	;					
dead wood												
Sap runs/holes	√				Public ac	cess		√				
in trees												
Tussocky	√	On edge	e of fi	eld	Areas wit	h frequ	ent/					
vegetation		prolonged flooding										

Abundant nectar			Seasonally wet/damp	√	Around stream
source			areas		- south
					boundary
Varied sward	✓	Some shorter	Earthworks /hummocky		
height		sward paths in	ground		
		grassland			
Anthills			Ridge and furrow		
Rock outcrops			Other		

Site Description

If there is an existing site description is it still accurate? Please outline significant changes Yes

Brief summary of habitats and site context

Neutral grassland with a block of broad-leaved woodland in the south-east corner. Scattered copses and individual trees within the grassland. Stream along southern boundary. New hedge planted on western boundary. Tall herbs and scrub along north boundary. East boundary is hawthorn hedge.

Habitat detail (including notable species)

The neutral grassland is a haymeadow with amenity paths cut into the sward. Fairly short sward at time of survey. Limited proportion of herbs but enough (13) to comfortably meet LWS selection criteria. No thatch, occasional bare ground provided by molehills.

Woodland is a heavily shaded uniform canopy of hornbeam and oak, with hornbeam regeneration. The periphery has been planted with a variety of broadleaved trees within the last 15 years.

The north and west boundaries of the site are composed of tall herb, bramble and scattered scrub and trees. New hedge along western edge. Hedge along eastern side is composed of hawthorn and oak with an uncut grass boundary to 3m. A line of scattered trees along stream on southern boundary.

The site meets the selection criteria for a neutral grassland LWS, having 13 Grassland Indicator species (at least 8 are required for neutral grassland to qualify).

Non-botanical interest
Trees provide nesting habitat for breeding birds.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)								
Compared to previous	Compared to previous descriptions							
Primary habitat	Neutral grassland: favo	ourable	- stable	Э				
Secondary habitat	Broadleaved woodland	d – unfa	vourab	le - stable	е			
Other habitat								
Comments/Explanation	on of Condition							
Woodland requires poll	arding/thinning to open	up cano	ру.					
	manda of ita babitat	Vaa		N.				
Is this site a good exa	•	Yes	✓	No				
type in Hertfordshire?	•							
Will the current manage	gement retain the	Yes	✓	No	Grassland – yes			
biodiversity value of t	he site?				Woodland – no			
Does the site have potential to improve Yes ✓ No Woodland management								
with different manage	with different management?							
Is further survey work	required? E.g	Yes		No	✓			
invertebrates, birds								

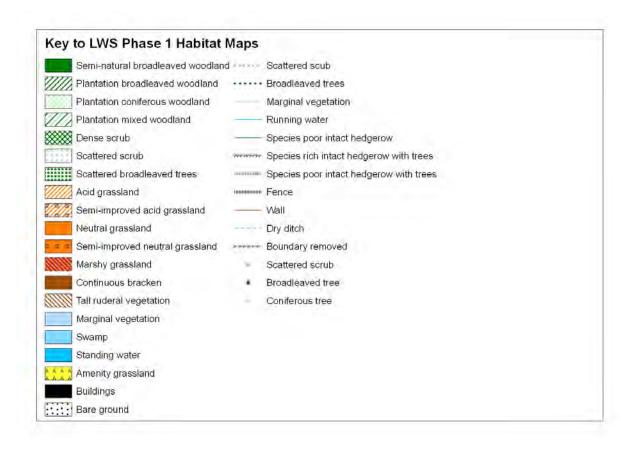
Site Man	ageme	nt			
Type of management/Condition				Tick Box	Details/Comments
Grasslan	d/Wetlai	nd			
Unmanag	jed				
Grazed	cattle		sheep		
	horse		mixed		
	Over-	graze	ed		
	Under	-graz	zed		
Cut	Mown)			
	Нау с	ut	√ Silage cut		1
	Frequ	ent n	nowing		1
	Hay c	ut &	aftermath		1
	grazin	ng			
Scrub			Scattered		
Encroach	ment		<5%	✓	
			5-20%]
			>20%		
Herbicide	/pestici	de/fe	rtiliser use		
Planting	of trees			\checkmark	
Other					
Woodlan	d				
Unmanag	jed Woo	dlan	d	√	
High Fore	est				
Active co		son	ne standards		
		no s	standards		1

Abandoned co	ppice		
Managed woo	Managed wood pasture/parkland		
Relic wood pa	Relic wood pasture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage	ment		
Woodland clea			
Woodland ride	es		
Recently plant	ed trees	√	
Dead wood		√	
Other			
Hedgerows			
Cut Hedge	With standards	\checkmark	New hedge planting
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
Cut			
	Damage & Dumping		
Invasive aliens			Heavily used by dog walkers
Heavy amenity use		\checkmark	
Heavily disturl	ped		
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management						
	urrent management of the					
Mowing of gra	issland, hedgerow trimming a	and hedge planting.				
What manage	ement is recommended to	maintain / improve the biodiversity of the site?				
Primary	Continued mowing					
Habitat						
Secondary Habitat	Introduction of woodland the	inning				
парна						
Other						
Habitats						
Is grazing an	propriate for this site?					
No	propriate for time one.					
1.41		I.N.				
Is the site sto	•	No				
	have water for stock?	No				
	cessible to a vehicle?	Yes				
	nagement discussed with the	he land owner, and if so, what?				
No						
Other Comments regarding site management						
None						

Phase 1 Habitat Map of Top Field and Cozens Grove 72/050





LWS Field Survey Form 2010								
Site Name		Grid R	eference					
Halstead Hill Pond		T L	3 3 5 0	2 1				
Site Number/ID 80/00	1	Date 2	/5/12		THE 47	II.C		
Recorder(s)		Time o	Time on Site Wildlife					
Mark Woods		20 min	20 minutes TRUSTS					
Site Size								
Site Ownership	Private			L				
notes								
Boundary of LWS								
Is the boundary show	n on the map	correct/se	ensible?	Yes	No	N/A		
Comments/Amendme	nts							
Boundary of LWS uncle	ear from GIS la	ayer provid	ed. Pond and imr	mediate sur	rrounding	habitat was		
surveyed.								
Site survey information								
Main biodiversity	Species - am	nphibians						
interest of site								
Habitat – please indicate is recognised for)	ate extent of	habitats o	n site map (the p	rimary hab	itat is that	for which the		
Primary habitat	Standing wat	ter						
Secondary Habitat	Broadleaved	woodland						
Other Habitats								
Comments								
Pond dry at time of sur	vey							
Interest Features – pl	ease indicate	location o	on site map					
Veteran trees			Bare ground					
Pollarded trees			Steep slopes					
Standing/fallen			Invasive specie	s				
dead wood								
Sap runs/holes			Public access					
in trees								
Tussocky			Areas with freq	uent/				
vegetation			prolonged flood	ding				
Abundant nectar			Seasonally wet	/damp				

source		areas			
Varied sward		Earthworks /hummocky			
height		ground			
Anthills		Ridge and furrow			
Rock outcrops		Other			
Site Description					
No existing site descr		ill accurate? <i>Please outlin</i> e	sigilli	icani changes	
Brief summary of habitats and site context Roadside pond enclosed by scrubby secondary woodland. Pond was dry during survey with lots of large logs in base of pond and area is heavily shaded by poplars. There were no traces of aquatic macrophytes. Pond has apparently been dry for some time and now appears as just a hollow in the woodland.					
Habitat detail (include See below	ding notable species)				

Non-botanical interest

HBRC hold records for common toad (1988), common frog (1988), great crested newt (1998) and smooth newt (1998).

On the basis of the current survey the site does not meet the selection criteria for a LWS: Whilst dry, the site could not support a breeding population of great crested or palmate newts; there are no records of palmate newts within the last 5 years and the site does not apparently have good populations of at least 3 native amphibian species.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)						
Compared to previous descriptions						
Primary habitat	Standing water: unfav	ourable				
Secondary habitat	Secondary woodland:	Secondary woodland: favourable - stable				
Other habitat						
Comments/Explanation	on of Condition					
No water in pond, appa	rently for quite some ti	me.				
Is this site a good exa	imple of its habitat	Yes	No	\checkmark		
type in Hertfordshire?						
Will the current manage	gement retain the	Yes	No	✓		
biodiversity value of t	he site?					
Does the site have po	Yes	No	✓			
with different management?						
Is further survey work	required? E.g	Yes	No	✓		
invertebrates, birds						
			l .			

Sito Man	agamar	^				
	Site Management					
Type of management/Condition			Condition	Tick Box	Details/Comments	
Grassland	d/Wetlan	nd				
Unmanag	ed					
Grazed	cattle		sheep			
	horse		mixed			
	Over-g	graz	ed			
	Under-	-gra	zed			
Cut	Mown					
	Hay cu	ut	Silage cut			
	Freque	ent r	nowing			
	Hay cu	ıt &	aftermath			
	grazin	g				
Scrub			Scattered			
Encroach	ment		<5%			
			5-20%			
			>20%			
		de/fe	ertiliser use			
Planting of	of trees					
Other						
Woodland						
Unmanag	ed Woo	dlan	d			
High Fore	st					
Active co	ppice	sor	ne standards			
		no	standards		1	

Abandoned coppice			
Managed wood pasture/parkland			
Relic wood pasture/parkland			
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride	es		
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged	\checkmark	
	Grazed		
Cut			
Disturbance, D	Damage & Dumping		
Invasive aliens	5		Some hard-core/rubble has been dumped in pond
Heavy amenity	use		some years ago.
Heavily distur	bed		
Dumping impa	nct	√	
Vehicular impa	act		
Fly tipping			
Other			

Management	Management				
	What is the current management of the site?				
None					
		maintain / improve the biodiversity of the site?			
Unlikely to be	or benefit				
Primary					
Habitat					
Casandani					
Secondary Habitat					
Other					
Habitats					
Is grazing ap	propriate for this site?				
Not applicable					
Is the site sto	ockproof?	Not applicable			
	have water for stock?	Not applicable			
	cessible to a vehicle?	No			
Was any mar No	nagement discussed with the	he land owner, and if so, what?			
INU					
	ents regarding site manage	ement			
None					

Phase 1 Habitat Map of Halstead Hill Pond 80/001





LWS Field Survey Form 2010							
Site Name		Grid Reference					
Lucas End Meadows E	ast	T L 3 2 4 0 4 0					
Site Number/ID 80-002		Date 30/5/12					
Recorder(s)		Time on Site Wildlife					
Mark Woods		10 minutes TRUSTS					
Site Size	2.5 ha						
Site Ownership							
notes	Private						
Boundary of LWS							
Is the boundary shown on the map correct/sensible? Yes ✓ No							
Comments/Amendme	nts						
But see below (Site de	But see below (Site description)						
Site survey informa	tion						
Main biodiversity	Main biodiversity Neutral grassland						
interest of site							
-	ate extent of h	abitats on site map (the primary habitat is that for which the					
site is recognised for) Primary habitat	Neutral grassla	and (amenity)					
Secondary Habitat	Standing water	r					
Other Habitats							
Comments							
Comments							
Interest Features – pl	ease indicate lo						
Veteran trees		Bare ground					
Pollarded trees		Steep slopes					
Standing/fallen	Invasive species						
dead wood							
Sap runs/holes		Public access					
in trees							
Tussocky		Areas with frequent/					
vegetation		prolonged flooding					
Abundant nectar		Seasonally wet/damp					
source		areas					

Varied sward		Earthworks /hummocky					
height		ground					
Anthills		Ridge and furrow					
		Other					
Rock outcrops		Other					
If there is an exist No. This is now am by very little of evid	Site Description If there is an existing site description is it still accurate? <i>Please outline significant changes</i> No. This is now amenity- managed grassland which appears to be cut on a regular basis (indicated by very little of evidence of herbs in the short sward). A pond has been created in the field and part of the site is a garden. There is no longer a hedge along the eastern boundary.						
Brief summary of See above	habitats and site context						
Amenity grassland evidence of herbs in ecological interest. Given the intense n gardens and ameni is recommended th	n sward. Pond very turgid we nanagement of this site, the ity pond, and loss of hedge, at a further survey is carried	short to draw up a realistic sp vith lots of wildfowl – no specie lack of herb interest in the sw it is considered that the LWS out, with prior arrangement w e site still meets the LWS sele	es prese ard and status is vith the	I presence of s reviewed. It owner, when			
Non-botanical inte	erest						

Site Condition (favou	Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)					
Compared to previous descriptions						
Primary habitat	Neutral grassland: un	favourab	le - de	clining		
Secondary habitat						
Other habitat						
Comments/Explanation	on of Condition					
Amenity management of	of grassland.					
		1	ı	T		
Is this site a good exa	mple of its habitat	Yes		No	✓	
type in Hertfordshire?	,					
Will the current manage	gement retain the	Yes		No	✓	
biodiversity value of t	he site?					
Does the site have potential to improve		Yes		No	✓ Unlikely in short term.	
with different management?					,	
Is further survey work	required? E.g	Yes	√	No	Re-survey when sward is	
invertebrates, birds					longer.	
			1	1		

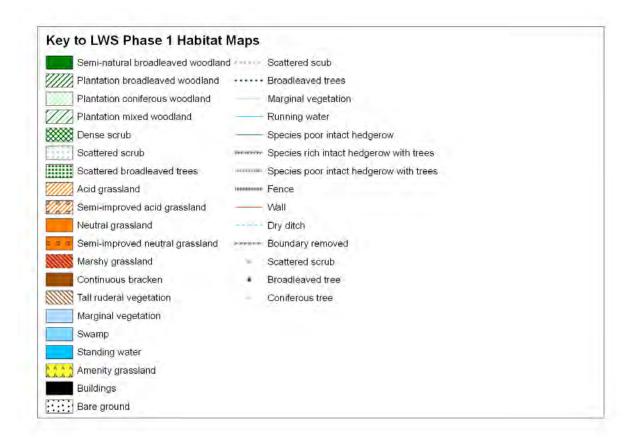
Site Man	agemer	nt			
Type of management/Condition		Tick Box	Details/Comments		
Grassland	d/Wetlan	d			
Unmanag	ed				
Grazed	cattle		sheep		
	horse		mixed		
	Over-g	razec	l		
	Under-	graze	ed		
Cut	Mown				
	Нау си	ıt	Silage cut		
	Frequent mowing		√		
			ftermath		
	grazin		_		
Scrub			Scattered		
Encroach	ment		:5%		
			5-20%		
			20%		
		de/fer	tiliser use		
Planting of	of trees				
Other					
Woodland					
Unmanag		dland			
High Fore					
Active co	ppice	some	standards		
		no st	andards		
Abandon	ed coppi	ce			

	d pasture/parkland		
Relic wood pasture/parkland			
Pollarded Woodland			
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		Frequent cutting of grassland surrounding pond.
management	Unmanaged		
	Grazed		
	Cut	\checkmark	
	Damage & Dumping	•	
Invasive aliens	5		
Heavy amenity use		✓	
Heavily distur			
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management		
	urrent management of the	site?
Amenity		
What manage	ement is recommended to	maintain / improve the biodiversity of the site?
Primary Habitat		ty grazing of the grassland may improve the diversity of the t is unlikely to occur in the short term.
Парна	grassiand, but improvement	t is utilikely to occur in the short term.
Secondary		
Habitat		
Other		
Habitats		
le grazing an	propriate for this site?	
	sture originally	
	oran o oniginiam,	
Is the site sto	•	Yes
	have water for stock?	Yes
	cessible to a vehicle?	Yes
	nagement discussed with the	he land owner, and if so, what?
No		
	ents regarding site manage	ement
None		

Phase 1 Habitat Map of Lucas End Meadows East 80/002





	L\	NS Field Survey Form 2010					
Site Name South Lodge Pasture Fields) Site Number/ID 80/0 Recorder(s) Mark Woods		Grid Reference	T L 3 3 7 0 2 4				
Site Size	6.4 ha	6.4 ha					
Site Ownership notes	Private	Private					
Boundary of LWS							
Is the boundary sho	wn on the ma	o correct/sensible? Yes	√	No			
Comments/Amendm	nents						
Site survey inform	ation						
Main biodiversity	Neutral grassland						
interest of site							
Habitat – please ind site is recognised for		habitats on site map (the primary h	abitat is t	hat for which the			
Primary habitat	Neutral gras	sland					
Secondary Habitat	Species -ric	h hedgerow with trees					
Other Habitats	Dense scrul)					
	Running wa	ter					
Comments							
Interest Features –	please indicat	e location on site map					
Veteran trees		Bare ground	√	Patches at feeding stations.			
Pollarded trees		Steep slopes					
Standing/fallen dead wood	✓	Invasive species					
Sap runs/holes in trees		Public access	No				
Tussocky	✓	Areas with frequent/					

vegetation		prolonged flooding		
Abundant nectar		Seasonally wet/damp	√	
source		areas		
Varied sward	✓	Earthworks /hummocky		
height		ground		
Anthills		Ridge and furrow		
Rock outcrops		Other		

Site Description

If there is an existing site description is it still accurate? *Please outline significant changes* No – some changes since 2004 survey. Fence along steam has been re-instated and there is no sign of ragged robin or monkey flower, although they may become evident later in the season.

Brief summary of habitats and site context

Damp to marshy neutral grassland with scattered scrub and trees. Gappy boundary hedges. A shallow narrow stream runs along the southern boundary.

Habitat detail (including notable species)

Neutral grassland is diverse with a good range of herbs including fleabane, yarrow and agrimony. Sward has long and short areas and soil moisture varies giving a good overall variation in structure and content.

Hedges are large but not stockproof. There is some variation in structure and a wide diversity of species in the margins.

The site qualifies as a neutral grassland LWS, having 17 Grassland Indicator species (at least 8 are required to meet the criteria for this habitat).

Non- botanical interest		

Site Condition (favor	urable/unfavourable,	and stab	le/de	clining/ı	recovering where possible)				
Compared to previous	s descriptions								
Primary habitat	Neutral grassland: fav	eutral grassland: favourable -stable.							
Secondary habitat	Species-rich hedge w	pecies-rich hedge with trees: unfavourable - stable							
Other habitat	Dense scrub/running	g water: unfavourable - recovering.							
Comments/Explanation	on of Condition								
Marshy stream now fen	ced off, and is develop	ing good	l range	e of vege	etation.				
Field grazed at about th	ne right level (5 horses	present	when	surveye	d).				
Is this site a good exa	mnle of its hahitat	Yes		No					
type in Hertfordshire?	-	163	•						
Will the current manage	gement retain the	Yes	√	No					
biodiversity value of t	he site?								
Does the site have po	tential to improve	Yes	✓	No	Scrub control				
with different manage	ment?								
Is further survey work	required? E.g	Yes		No	✓				
invertebrates, birds									

Site Man					
Type of management/Condition			Condition	Tick Box	Details/Comments
Grasslan	d/Wetlan	d			
Unmanag	jed				
Grazed	cattle		sheep		5 horses
	horse				
Over-graz		jraze	t		
	Under-grazed				
Cut	Mown				
	Hay cu	Hay cut Silage cut			
	Freque				
	Hay cut & aftermath				
grazing					
Scrub			Scattered		
Encroach	ment		<5%		
			5-20%	✓	
		;	>20%		
Herbicide/pesticide/fertiliser use					
Planting of trees					
Other					
Woodlan					
Unmanag		dland			
High Fore					
Active co	ppice	som	e standards		
	Ţ	no s	tandards		7

Abandoned coppice			
Managed wood pasture/parkland			
Relic wood pasture/parkland			
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride	•		
Recently plant	ted trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	Cut Hedge With standards		
	Without standards		
Uncut Hedge With standards			
	Without standards		
Overgrown	With standards	✓	Scrubby outgrowths
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off	√	Running water
management	Unmanaged	√	
	Grazed		
Cut			
	Damage & Dumping		
Invasive aliens			
	Heavy amenity use		
Heavily disturl			
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management		
	urrent management of the	site?
Horse grazing		
What manage	ement is recommended to	maintain / improve the biodiversity of the site?
	ing at present rate.	maintain / improvo the bloar ording of the cite.
· ·		
Duimonu	A -1:	the boson to some or these to an extension one
Primary Habitat		the horses to graze so there is an extensive area and duration seems to be about right.
Πασιτατ	available. Grazing density of	and duration seems to be about right.
Secondary	Hedge laying	
Habitat	riedge laying	
Other	Maintain fence. Consider s	crub control around marshy area.
Habitats	mamam remeer Ceneral C	orab common arcama marony arcan
Is grazing an	propriate for this site?	
Yes	proprieto for tino otto:	
Is the site sto	•	Yes
Does the site	have water for stock?	Yes
Is the site ac	cessible to a vehicle?	Unknown
Was any mar	nagement discussed with the	ne land owner, and if so, what?
No		
Other Comm	onte regarding eite manage	amont .
None Commo	ents regarding site manage	anent
. 10110		

Phase 1 Habitat Map of South Lodge Pasture (Albury Fields) 80/004





		L	.WS Field	Surve	y Form	2010					
Site Name			Gri	Refer	ence						
Cheshunt Park Farr	n Me	adow	Т	L 3	4 4	0	4	2			
Site Number/ID 80/	005		Dat	2 9/5/	12	I			TH	F.1 11. C	
Recorder(s)			Tim	e on S	ite				u	vildlife	
Mark Woods			1.5	hours						RUSTS	
Site Size	(3.6 ha	1								
Site Ownership	I	ocal Auth	ority					1			
notes											
Boundary of LWS	l										
Is the boundary sh	own	on the ma	ap correc	t/sens	ible?		Yes	5	√	No	
Comments/Amend	men	ts									
Site survey infor	mati	on									
Main biodiversity	1	Acid/neutra	al grassla	nd							
interest of site											
Habitat – please in		te extent o	of habitat	s on s	ite map	(the p	rimar	y hal	bitat is	that for which th	е
site is recognised for Primary habitat		Acid/neutra	al grassla	nd							
Secondary Habita	t I	Hedgerows	edgerows								
Other Habitats	ı	Plantation broadleaved woodland									
Comments											
Interest Factoria	,. I -		40 loo-4"								
Interest Features -											
Veteran trees	✓	In wood			re groui						
Pollarded trees	✓	In wood			eep slop						
Standing/fallen	\checkmark	Hedges	and woo	Inv	asive s	pecie	S				
dead wood											
Sap runs/holes	\checkmark	In wood		Pu	blic acc	ess			✓		
in trees											
Tussocky	\checkmark	Through			eas with	-					
vegetation		grasslar	nd		olonged						
Abundant nectar					asonally	y wet/	/damp)	✓	Small patches	8
source				are	eas					in grassland	

Varied sward	√			Earthworks /hummoc	ky	
height				ground		
Anthills	✓	Few		Ridge and furrow		
Rock outcrops				Other		
Site Description						
If there is an exis Yes	ting si	te descriptio	n is it	still accurate? Please ou	tline sign	ificant changes
Brief summary o Acid/neutral grass and running into c	land bo	unded by he		et vs with a band of woodland	along eas	stern boundary,
dense thatch layer mixture suggests f spots. Hedges are gener	ed prima T. Herb fairly ac	arily of red fe s are genera sid, damp soi ge and scrub	scue ar lly spar s but d	nd common bent with a tus rse. Field wood-rush is abu Irainage is not impeded exc not stock-proof. Woodland	undant. Ti cept in a fe	he species ew localised
plantation with a d	iverse i	mix of native	and no	n-native species.		
				nd LWS on the basis that 14 or neutral grassland and 5 t		
Non-botanical in Good habitat for n		oirds, reptiles				

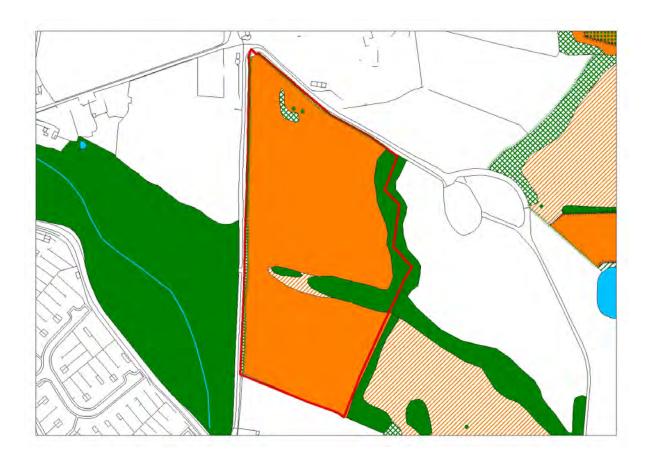
Site Condition (favor	urable/unfavourable, a	and stab	le/de	clining/r	ecovering where possible)			
Compared to previous descriptions								
Primary habitat	Grassland: favourable	– declir	ing					
Secondary habitat	Hedges and woodland	d: favour	able -	stable.				
Other habitat								
Comments/Explanation	on of Condition							
Build-up of dense that	ch needs addressing in	grasslar	ıd.					
		1		T				
Is this site a good exa	•	Yes	✓	No				
type in Hertfordshire?	•							
Will the current mana	gement retain the	Yes		No	✓			
biodiversity value of t	he site?							
Does the site have po	tential to improve	Yes	✓	No				
with different management?								
Is further survey work	required? E.g	Yes		No	✓			
invertebrates, birds								
		l .	l					

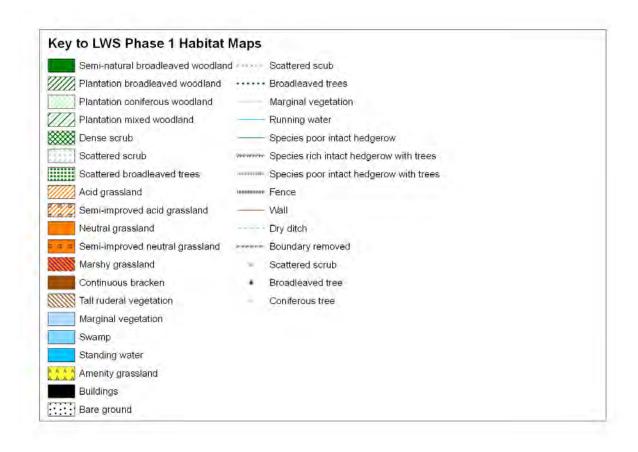
Site Man						
Type of m	anagen	nent/	/Co	ndition	Tick Box	Details/Comments
Grassland	d/Wetlar	nd				
Unmanag	ed					
Grazed	cattle			sheep		
	horse			mixed		
	Over-g	graze	ed			
	Under	-graz	zed			
Cut	Mown					
	Hay cı	ut	✓	Silage cut		
	Frequ	ent r	nov	ving		1
				ermath		1
	grazin	g				
Scrub			Sc	attered		
Encroach	ment		<5	%	\checkmark	
			5-2	20%		
			>2	0%		
Herbicide	/pestici	de/fe	ertili	ser use		
Planting of	of trees				\checkmark	On periphery
Other						
Woodland						
Unmanag		dlan	d			
High Fore						
Active co	ppice	son	nes	standards		
		no s	staı	ndards		

Abandoned co	ppice		
Managed wood pasture/parkland			
	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride	_		
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards	\checkmark	
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use		\checkmark	
	Heavily disturbed		
	Dumping impact		
Vehicular impa	act		
Fly tipping			
Other			

Management									
What is the current management of the site?									
Hay cut									
What manage	What management is recommended to maintain / improve the biodiversity of the site?								
what manage	ement is recommended to i	maintain / improve the blodiversity of the site?							
Drimory	Aftermeth grazing or follow	how out with chain harrowing to brook up dones thatch							
Primary Habitat	and open up the sward.	hay cut with chain harrowing to break up dense thatch							
	and open up the emails.								
Secondary	Trim hedges								
Habitat									
0.1									
Other Habitats									
Tabitats									
Is grazing ap	propriate for this site?								
Yes	P P								
Is the site sto	ocknroof?	No							
	have water for stock?	No							
	cessible to a vehicle?	Yes							
		he land owner, and if so, what?							
No	iagement discussed with ti	ne iand owner, and it so, what?							
Other Comm None	ents regarding site manage	ement							
None									

Phase 1 Habitat Map of Cheshunt Park Farm Meadow 80/005





LWS Field Survey Form 2010										
Site Name Roundcroft Wood and	Cmarta		eference	0 4 2						
Green	Siliaits									
Site Number/ID 80/00	3	Date 3	0/04/12		u	ilalite				
Recorder(s)		Time o	on Site			RUSŤS				
Mark Woods		1.5 ho	urs							
Site Size	2.8 ha									
Site Ownership	Local Autho	rity								
notes										
Boundary of LWS										
Is the boundary show	n on the map	correct/s	ensible?	Yes	✓	No				
Comments/Amendme	ents			<u> </u>		ı				
Site survey informa	ition									
Main biodiversity	Broadleaved	d woodland								
interest of site										
Habitat – please indicate is recognised for)	cate extent of	f habitats o	on site map (th	e primary hat	oitat is t	hat for which the				
Primary habitat	Broadleaved	Broadleaved woodland								
Secondary Habitat	Running wa	ter								
Other Habitats	Standing wa	nter								
Comments										
Interest Features – p	ease indicate	e location o	on site map							
Veteran trees ✓			Bare ground		√	Leaf litter				
Pollarded trees ✓			Steep slopes	3	√					
Standing/fallen ✓	,		Invasive spe	cies	√	Sycamore				
dead wood										
Sap runs/holes ✓			Public acces	S	√					
in trees										
Tussocky			Areas with fr	equent/	√					
vegetation			prolonged flo	ooding						
Abundant nectar			Seasonally w	vet/damp	√					

source	area	as	
Varied sward	Ear	thworks /hummocky	
height	gro	und	
Anthills	Rid	ge and furrow	
Rock outcrops	Oth	er	

Site Description

If there is an existing site description is it still accurate? *Please outline significant changes* Yes.

Brief summary of habitats and site context

Oak and hornbeam woodland with stream running through it. Hammonds Street lies to the south and pasture surrounds on all other sides.

Habitat detail (including notable species)

Pedunculate oak/ hornbeam woodland – description as that in 'Wildlife Sites Report from HRBC (included below):

"Oak with Hornbeam coppice is present in the north and west, while Pedunculate Oak and Hornbeam standards dominate in the east and south with a frequent shrub layer of Holly (Ilex aquifolium) with some Hawthorn (Crataegus monogyna), Elder (Sambucus nigra). Sycamore (Acer pseudoplatanus) is frequent, particularly to the south and centre and there is some old planting of Sweet Chestnut (Castanea sativa) and Common Lime (Tilia x europaea) to the east edge and English Elm (Ulmus procera) scrub in the north-east corner. The ground flora is dominated by Bracken (Pteridium aquilinum) and Bramble (Rubus fruticosus agg.) but is quite diverse and supports several woodland indicators including Wood Melick (Melica uniflora), Pignut (Conopodium majus), Bugle (Ajuga reptans), Wood Meadow-grass (Poa nemoralis), Wood Millet (Milium effusum), Bluebell (Hyacinthoides non-scripta) and Common Dog-violet (Viola riviniana). Some Remote Sedge (Carex remota) occurs along a small stream, which arises from a spring within the wood. Some remnant old boundary banks with laid Hornbeam stubs are present".

There has recently been extensive sycamore control – these areas now colonised by bramble and bracken. There are also 1 shaded pond within the woodland.

As an Ancient Woodland with 20 indicator species, this site meets the LWS criteria.

Non-botanical interest

Structure of woodland, and trees with rot holes provide bird nesting habitat. Rot holes could also potentially support roosting bats.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)									
Compared to previous descriptions									
Primary habitat	Broadleaved woodlan	Broadleaved woodland: favourable- stable							
Secondary habitat	Running water: unfav	ourable -	- decli	ning					
Other habitat	Standing water: favou	ırable – s	stable						
Comments/Explanation	on of Condition								
Stream is classed as 'u	infavourable' based on	water qu	ality.	From the	smell it would seem that				
leakage from a septic to	ank is entering the stre	am.							
la this site a good ave	manda of ita babitat	Vaa		- NI-					
Is this site a good exa	-	Yes	✓	No					
type in Hertfordshire?	?								
Will the current mana	gement retain the	Yes	\checkmark	No					
biodiversity value of t	he site?								
Does the site have potential to improve Ye				No					
with different management?									
Is further survey work	required? E.g	Yes		No	✓				
invertebrates, birds									

Site Man	Site Management							
Type of management/Condition			Condition	Tick Box	Details/Comments			
Grassland	d/Wetlar	nd						
Unmanag	ed							
Grazed	cattle		sheep					
	horse		mixed					
	Over-g	graze	ed					
	Under	-gra	zed					
Cut	Mown							
	Hay cı	ut	Silage cut					
	Freque	ent r	nowing					
	Hay cı	ut &	aftermath					
	grazin	g						
Scrub			Scattered					
Encroach	ment		<5%					
			5-20%					
			>20%					
Herbicide	/pesticio	de/fe	ertiliser use					
Planting of	of trees							
Other								
Woodland								
Unmanaged Woodland		✓	Very old pedunculate oak standards.					
High Fore	st							
Active co	ppice	sor	ne standards					
		no	standards					

Abandoned coppice		√	Hornbeam
Managed wood pasture/parkland			
	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ted trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge			
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water B			
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
•	Damage & Dumping		
Invasive aliens			Other than occasional desire line, very little
Heavy amenity use			evidence of abuse in woodland.
	Heavily disturbed		
	Dumping impact		
Vehicular impa	act		
Fly tipping			
Other			

Management								
	What is the current management of the site?							
None								
What management is recommended to maintain / improve the biodiversity of the site?								
Trial management is recommended to maintain / improve the biodiversity of the site!								
Primary	Reinstate coppice of hornbe	eam						
Habitat	Sycamore control	54m.						
Secondary Habitat	Fix leak from septic tank in	adjacent property.						
парнан								
Other	Reduce shading around por	nd						
Habitats	Troduce officially discuss pol							
	propriate for this site?							
No								
Is the site sto	ockproof?	NA						
Does the site	have water for stock?	NA						
Is the site ac	cessible to a vehicle?	Yes						
Was any mar	nagement discussed with th	ne land owner, and if so, what?						
No								
Other Comm	ents regarding site manage	ement						
None	onto rogaranig onto manage							

Phase 1 Habitat Map of Roundcroft Wood and Smarts 80/008





LWS Field Survey Form 2010														
Site Name		Grid Reference							5					
Temple Bar Meadov		T L	3	4	4	0	1	1	1					
Site Number/ID 80/	012			Date 28/5/12								11.0		
Recorder(s)				Time	on Si	te						u	Tila	litje
Mark Woods				1.5 ho	urs								RU	STS
Site Size	2	2.3 ha												_
Site Ownership	F	Private												
notes														
Boundary of LWS														
Is the boundary sh	own	on the ma	ap co	rrect/s	ensil	ole?			1	Yes		✓	No	
Comments/Amend	men	ts												
Site survey infor	mati	on												
Main biodiversity	1	Neutral gra	sslan	d but v	voodl	and a	area	is n	nor	e ex	ten	sive.		
interest of site														
Habitat – please ir site is recognised for		te extent o	of hab	oitats o	on sit	e ma	ap (1	he p	orin	nary	hal	bitat is	that f	or which the
Primary habitat		Broadleave	ed woo	odland	<u> </u>									
Secondary Habita	t l	Neutral gra	sslan	d										
Other Habitats	[Dense scru	ıb											
	Ī	Running wa	ater											
Comments														
Interest Features -	nlad	as indise	40 loo	otion	on oi	40 m	00							
Veteran trees					•			<u></u>					Λ h	undant
veteran trees	✓	Near-ve			Dar	e gr	oun	u				✓		
		sycamo	re and	ı									be	low canopy
Pollarded trees		alders			Cto		1 - 1							
	√	A few				ep s	•						DL	a da da a dua a
Standing/fallen	✓				Inva	asive	e sp	ecie	es			✓	Kn	ododendron
dead wood					<u> </u>	. 1? -								
Sap runs/holes	\checkmark				Puk	olic a	acce	SS						
in trees							.171	.		11				
Tussocky	✓	A small		nt in		as w		_				√		eams and
vegetation		grasslar	nd		pro	long	jed f	1000	din	g			dit	ches

Abundant nectar	Seasonally wet/damp	√	Grassland is
source	areas		damp
Varied sward	Earthworks /hummocky		
height	ground		
Anthills	Ridge and furrow		
Rock outcrops	Other		

Site Description

If there is an existing site description is it still accurate? *Please outline significant changes* Existing descriptions are accurate for what remains of the grassland but much has been lost to scrub/woodland encroachment.

Brief summary of habitats and site context

Area of neutral grassland completely surrounded by broadleaved woodland, which is encroaching on the grassland area. Streams/ditches bound the eastern and southern edges of the site. The neutral grassland is damp and weedy and has a short rabbit-grazed sward. Broadleaved woodland is secondary except for a few patches by the stream.

Habitat detail (including notable species)

In the neutral grassland the main species are red fescue, common bent, creeping bent, hairy sedge, Yorkshire fog, sweet vernal grass, smooth meadow grass, lesser stitchwort, creeping buttercup, agrimony and selfheal. Rush species are locally frequent. Heavily infested with creeping thistle and bramble seedlings. The woodland is composed of many large trees. Oak and sycamore dominate the drier areas, with alder in the wetter areas. Regeneration is limited due to heavy shade and there are extensive areas of bare ground. Some ancient woodland indicator species have colonised from the adjacent Broom Hills LWS. The presence of a number of apple trees suggest that part of the site may have been an orchard at some time.

The site meets the criteria for a neutral grassland LWS with 14 Indicator species (at least 8 are required).

Non-botanical interest
Numerous birds including garden warbler and blackcap.
Grizzled skipper butterfly noted.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)								
Compared to previous descriptions								
Primary habitat	Broadleaved woodland	d: unfav	ourabl	e – stab	le			
Secondary habitat	Neutral grassland: unf	avourab	le - sta	able				
Other habitat								
Comments/Explanation	on of Condition							
Woodland – too many r	non-natives and heavy s	shade ar	nd poc	r structu	re is limiting diversity.			
Grassland –scrub and v	weed invasion.							
Is this site a good exa	mple of its habitat	Yes		No	\checkmark			
type in Hertfordshire?								
Will the current manage	gement retain the	Yes		No	✓			
biodiversity value of t	he site?							
Does the site have po	tential to improve	Yes	√	No				
with different management?								
Is further survey work	required? E.g	Yes		No	✓			
invertebrates, birds								

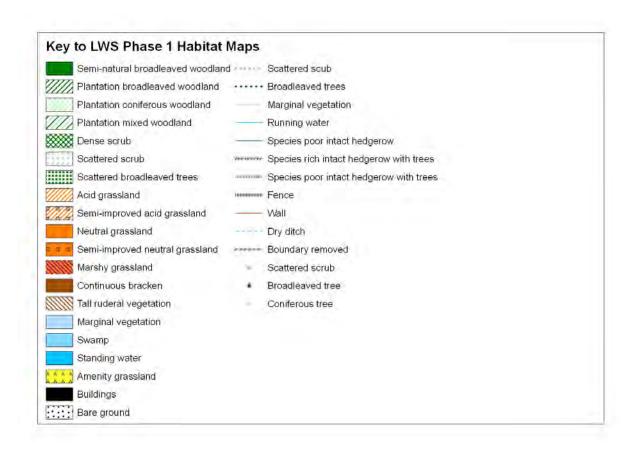
Site Mar										
Type of management/Condition			Condition	Tick Box	Details/Comments					
Grasslan	d/Wetlan	nd								
Unmanag	ged									
Grazed	cattle		sheep		Rabbit grazing					
	horse	horse mixed								
	Over-g									
	Under-	-graz	ed							
Cut	Mown									
	Hay cu	ut	Silage cut							
			owing		7					
	Hay cut & aftermath grazing									
Scrub	Scrub Scattered			Bramble, rose, hawthorn, young trees.						
Encroach	nment		<5%							
		;	5-20%							
		[:	>20%	√						
Herbicide	e/pesticio	de/fer	tiliser use							
Planting	of trees									
Other										
Woodland										
Unmanag	ged Woo	dland		✓						
High For	est			✓	Secondary					
Active co	ppice	som	e standards							
	<u> </u>	no s	tandards		1					

Abandoned co			
	d pasture/parkland		
Relic wood pa	sture/parkland	√	
Pollarded Woo	odland		
Exotics / Orna	mentals	✓	Rhododendron, horse chestnut
Game manage			
Woodland clea			
Woodland ride	es		
Recently plant	ed trees		
Dead wood		√	Plenty fallen and standing.
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
Disturbance, D	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily disturb	oed		
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Managanana									
Management What is the o	current management of the	site?							
What manage	What management is recommended to maintain / improve the biodiversity of the site?								
		•							
Drimon	Tree thinning and nalloydin								
Primary Habitat	Tree thinning and pollarding Control of exotic species.	g.							
	'								
Secondary	Scrub control and weed co	ntrol							
Habitat	Cords control and weed oo	THO II							
Other									
Habitats									
Is grazing ap Yes – grassla	propriate for this site?								
i es — grassia	nu area								
1.41		1.0							
Is the site sto	<u>-</u>	No							
	have water for stock?	Yes							
		Yes he land owner, and if so, what?							
No	iagement discussed with t	ne land owner, and it so, what?							
Other Comm	ents regarding site manag	ement							
Grazing rabbits are able to maintain what is left of the grassland. Scrub probably colonized when the									
rabbit populat	ions declined in the past.								

Phase 1 Habitat Map of Temple Bar Meadow 80/012





LWS Field Survey Form 2010											
Site Name				Grid R	eferen	се					
Poyndon Farm Gras	ssland			TL	3 2	2 4	0	2 7			
Site Number/ID 80/	020	Date 28/5/12							11.0		
Recorder(s)				Time o	n Site				u	illa	llite
Mark Woods				1.5 hou	ırs					RU	STS
Site Size	3	.7 ha									
Site Ownership	Р	rivate	rivate								
notes											
Boundary of LWS											
Is the boundary shown on the map correct/sensible? Yes √ No											
Comments/Amend	ment	s									
Site survey infor	matic	n									
Main biodiversity	N	leutral gra	sslar	nd							
interest of site											
Habitat – please in site is recognised for		e extent o	of ha	bitats o	n site	map ((the pr	imary ha	abitat is	that f	or which the
Primary habitat		eutral gra	sslar	nd							
Secondary Habitat	: В	roadleave	ed wo	odland							
Other Habitats	Н	edge with	tree	S							
	R	unning wa	ater								
Comments											
Interest Features -	- plea	se indica	te lo	cation o	on site	map					
Veteran trees	√	On edge	e of fi	eld.	Bare	grour	nd		√	2 f	ire sites
Pollarded trees	√	On edge	e of fi	eld	Steep	slop	es				
Standing/fallen	√	On bour			Invas	ive sp	oecies	3	√	Hii	malayan
dead wood										ba	lsam
Sap runs/holes	✓				Publi	c acc	ess				
in trees											
Tussocky	√				Area	with	frequ	ent/			
vegetation					prolo	nged	flood	ing			
Abundant nectar	✓				Seas	onally	wet/d	damp	✓	Po	ssibly in

source		area	s	grassland
Varied sward	✓	Eart	nworks /hummocky	
height		grou	nd	
Anthills		Ridg	e and furrow	
Rock outcrops		Othe	r	

Site Description

If there is an existing site description is it still accurate? Please outline significant changes Yes – similar to 2012 Wildlife Sites Report provided by HBRC

Brief summary of habitats and site context

Neutral grassland field bounded by broadleaved woodland to the west and a hedge to the east. Grassland is lightly grazed with disturbed areas on slopes next to stream. Woodland is unmanaged and mixed broadleaved.

Habitat detail (including notable species)

Grassland has a varied sward – generally tall with a few shorter areas. Much more weedy around the edges with nettle and dock species. NVC community types MG5, MG1, MG6 and MG10 all present. Abundant red fescue, common knapweed and meadow buttercup. Good range of common grasses and herbs. Very little thatch and a wide variation in structure.

Broadleaved woodland (pedunculate oak, ash and hornbeam) is mature with a near-continuous canopy leading to extensive patches of bare ground and a sparse shrub layer. A few Ancient Woodland Indicator species including wood sedge, pendulous sedge, bugle and greater stitchwort.

The site qualifies as a neutral grassland LWS, having 19 recorded Indicator Species (at least 8 required).

Non-botanical interest

Potential for nesting birds in woodland and hedges.

4 large mature oaks in field have roosting potential for bats.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)								
Compared to previous descriptions								
Primary habitat	Neutral grassland: fav	ourable	– stab	ole				
Secondary habitat	Woodland: favourable	Woodland: favourable – stable						
Other habitat	Hedgerows: favourable	e - stabl	е					
Comments/Explanation	on of Condition							
Some weedy areas but	this is a very localised	problem						
Is this site a good exa	imple of its habitat	Yes	✓	No				
type in Hertfordshire?								
Will the current mana	gement retain the	Yes	✓	No				
biodiversity value of t	he site?							
Does the site have po	tential to improve	Yes		No	✓			
with different manage	ment?							
Is further survey work	required? E.g	Yes		No	✓			
invertebrates, birds								

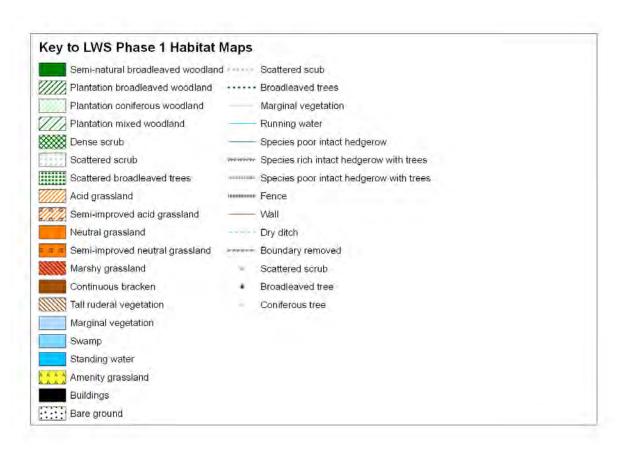
Site Management Type of management/Condition Tick Box Details/Comments Grassland/Wetland Unmanaged Grazed cattle sheep horse √ mixed 2 horses Over-grazed	
Unmanaged Grazed cattle sheep 2 horses horse ✓ mixed	
Grazed cattle sheep 2 horses horse √ mixed	
horse \checkmark mixed	
Over-grazed	I
Under-grazed	
Cut Mown	
Hay cut Silage cut	
Frequent mowing	
Hay cut & aftermath	
grazing	
Scrub Scattered	
Encroachment <5% ✓	
5-20%	
>20%	
Herbicide/pesticide/fertiliser use	•
Planting of trees	•
Other	•
Woodland	
Unmanaged Woodland ✓	
High Forest ✓	
Active coppice some standards	

	no standards		
Abandoned co			
	d pasture/parkland		
Relic wood pa			
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage	ment		
Woodland clea	aring		
Woodland ride	es		
Recently plant	ed trees		
Dead wood		✓	
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards	✓	
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			2 large bonfire sites
Heavy amenity use			
	Heavily disturbed		
Dumping impact			
Vehicular impa	act		
Fly tipping			
Other		√	

Management								
	urrent management of the	site?						
Horse grazing								
What manage	What management is recommended to maintain / improve the biodiversity of the site?							
Primary	No change required.							
Habitat								
Casandami	No management of we called	and was assistant and						
Secondary Habitat	No management of woodlar	na requirea.						
Other								
Habitats								
Is grazing ap	propriate for this site?							
Yes								
Is the site sto	ockproof?	Yes						
	have water for stock?	Yes						
	cessible to a vehicle?	Yes						
		ne land owner, and if so, what?						
No	iagement discussed with ti	ie iand owner, and it so, what:						
Other Comments regarding site management								
None								

Phase 1 Habitat Survey of Poyndon Farm Grassland 80/020





LWS Field Survey Form 2010											
Site Name				Grid R	eferenc	е					
Meadow by Forest \	/iew			T L	3 1	7	0	4 3		7 ;	
Site Number/ID 80/026 Date 2					8/5/12					E • T	11.6
Recorder(s) Time of					n Site				u	vila	lltje
Mark Woods				1 hour						RU	STS
Site Size	1	1.2 ha									
Site Ownership	F	Private – house on north side of site.									
notes											
Boundary of LWS											
Is the boundary sh	own	on the ma	ар со	orrect/s	ensible'	?		Yes	✓	No	
Comments/Amend	ment	s					l				1
Site survey inform	mati	on									
Main biodiversity	1	Neutral gra	ssla	nd							
interest of site											
Habitat – please in		e extent o	of ha	bitats o	n site n	nap (th	ne pri	mary h	abitat is	that f	or which the
site is recognised fo Primary habitat		Neutral gra	ısslaı	nd							
Secondary Habitat	E	Broadleave	ed wo	odland							
Other Habitats											
Comments											
Interest Features –	. nles	se indica	ta la	cation (on sita r	nan					
Veteran trees	picc		16 10	Cation	Bare g	-	<u> </u>			<u> </u>	
Pollarded trees					Steep	•					
Standing/fallen	✓				Invasiv	e spe	cies				
dead wood					D. d. l						
Sap runs/holes in trees					Public	acces	55				
					Areas	with f	roa:-	on#/			
Tussocky vegetation	✓				prolon		-				
Abundant nectar	<u>√</u>				Seaso				√	Qn	nall patches
source	Y				areas	ially V	4 C t/U	amp	Y		grassland
30ui CE					aicas					111	yrassiariu

Varied sward	√	Earthworks /hummocky					
height		ground					
Anthills		Ridge and furrow					
Rock outcrops		Other					
Site Description							
		till accurate? Please outline ast corner than previously map					
		ed woodland at the eastern en	d and dominating the				
Habitat detail (including notable species) Neutral grassland is fairly standard NVC type MG5 with abundant smooth meadow grass, Yorkshire fog, sweet vernal-grass, meadow foxtail, common knapweed and red fescue. Fairly uniform but with greater interest in wetter areas where bugle, glaucous sedge, lesser stitchwort and compact rush were noted. Ragged robin, noted in previous survey was not found. No evidence of grazing stock – likely to be managed as a haymeadow. Broad leaved woodland is immature and has spread from hedgerows. Includes hawthorn, blackthorn, pedunculate oak, roses, and bramble. The site qualifies as a neutral grassland LWS on the basis of the presence of 14 Indicator Species (at least 8 required).							
Non-botanical into							

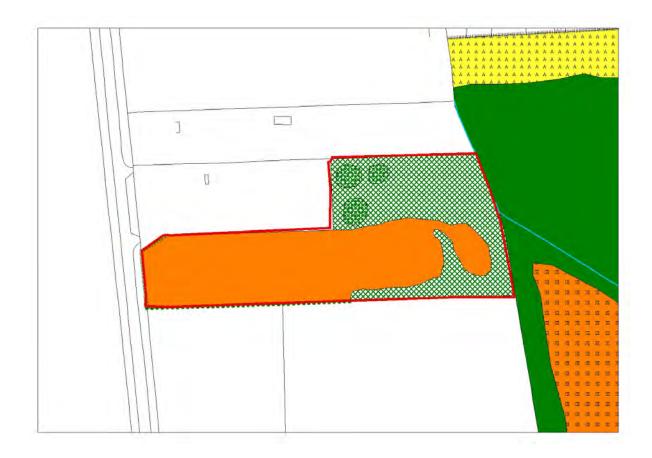
Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)								
Compared to previous descriptions								
Primary habitat	Neutral grassland: fav	ourable	– decl	ining				
Secondary habitat	Broadleaved woodland	d: favour	able -	stable				
Other habitat								
Comments/Explanation	on of Condition							
May be drying out if rag	ged robin no longer pre	esent						
Is this site a good exa	mple of its habitat	Yes	\checkmark	No				
type in Hertfordshire?	•							
Will the current manage	gement retain the	Yes	✓	No	But if drying out – some			
biodiversity value of t	he site?				interest will be lost.			
Does the site have po	tential to improve	Yes	✓	No	If wetter.			
with different manage	ment?							
Is further survey work	required? E.g	Yes		No	✓			
invertebrates, birds								
Does the site have powith different manage		✓		If wetter.				

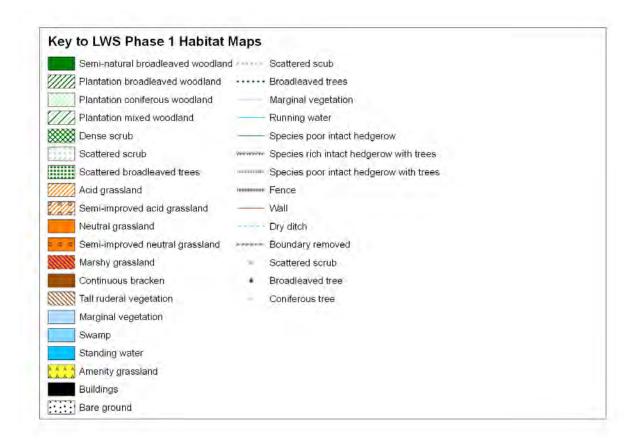
Site Mana	agemei	nt			
	Type of management/Condition		Tick Box	Details/Comments	
Grassland	l/Wetlar	nd			
Unmanag	ed				
Grazed	cattle		sheep		
	horse		mixed		
	Over-g	graze	t c		
	Under	-graz	ed		
Cut	Mown				
	Hay cı	ut 🕠	/ Silage cut]
	Freque	ent m	owing		1
	Hay cut & aftermath grazing			Possibly aftermath grazed but no sign of dung.	
Scrub		;	Scattered		Localised
Encroach	ment		<5%		
		;	5-20%		
		:	>20%	\checkmark	
Herbicide	/pesticio	de/fer	tiliser use		
Planting of					
Other					
Woodland					
Unmanaged Woodland		✓			
High Fore	st			√	
Active co	opice	som	e standards		
		no s	tandards		1

Abandoned co			
Managed wood pasture/parkland			
	sture/parkland		
Pollarded Woo			
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride	-		
Recently plant	ed trees		
Dead wood		\checkmark	
Other		√	
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily distur			
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management							
What is the c	urrent management of the	site?					
Hay meadow							
What manage	ement is recommended to I	maintain / improve the biodiversity of the site?					
Primary	Continue with current mana	gement.					
Habitat							
Secondary	Prevent further scrub development	opment in southeast corner.					
Habitat							
Other							
Habitats							
	propriate for this site?						
Yes							
Is the site sto	ockproof?	No					
	have water for stock?	Yes					
	cessible to a vehicle?	Yes					
No	iagement discussed with th	he land owner, and if so, what?					
Other Comm	ents regarding site manage	ement					
None							

Phase 1 Habitat Map of Meadow by Forest View 80/026





LWS Field Survey Form 2010															
Site Name Grid Reference								=							
Meadow N of High Vie	w Farm		Т	L	3	2	5	0	4	2					
Site Number/ID 80/02	27		Da	te 30	0/5/1	2		ı	1	ı			IE OT	11. C	
Recorder(s)			Tir	ne o	n Si	te						$\ \ddot{u}\ $	vila	llite	2
Mark Woods			1.2	25 hc	ours								RU	STS	3
Site Size	1.17 ha														
Site Ownership	Private														
notes															
Boundary of LWS															
Is the boundary show	vn on the ma	р с	orre	ct/se	ensil	ole?			Y	es	✓	/	No		
Comments/Amendm	ents														
Site survey informa	ation														
Main biodiversity	Neutral gra	ssla	nd												
interest of site															
Habitat – please indi site is recognised for)	cate extent o	of ha	bita	its o	n sit	e ma	ap (the p	orima	ary h	nabit	tat is	that	for whi	ich the
Primary habitat	Neutral gra	ssla	nd												
Secondary Habitat	Hedgerows	s (sp	ecie	s-ric	h an	d sp	ecie	s-po	or)						
Other Habitats	Broadleave	d wo	oodl	and											
Comments															
Interest Features – p	lease indica	te lo	cati	ion c	on si	te m	ар								
Veteran trees						e gr	•	d							
Pollarded trees					Ste	ep s	lone	25							
Standing/fallen						asivo			25						
dead wood							- op								
Sap runs/holes					Puk	olic a	acce	ess							
in trees															
Tussocky					Are	as w	vith	freq	uen	t/					
vegetation					pro	long	jed 1	floo	ding	I					
Abundant nectar	√				Sea	son	ally	wet	/dar	np					
source					are	as									

Varied sward		Earthworks /hummocky							
height		ground							
Anthills		Ridge and furrow							
Rock outcrops		Other							
		Other							
Site Description If there is an existing site description is it still accurate? Please outline significant changes Yes									
Neutral grassland pa	nabitats and site context asture bounded by overgrow nd along southern boundary	vn hedges with scrubby outgr y.	owths. Strip of						
Habitat detail (including notable species) Typical NVC MG5 neutral grassland, but with extremely large quantities of ox-eye daisy. Very high ratio of herbs to grasses. Frequent common knapweed, meadow buttercup and red clover. Sweet vernal grass, crested dog's-tail, Yorkshire fog, cock's-foot and meadow fescue are occasional to locally frequent. Sward height is approximately 40cm. There is no thatch and site is very lightly grazed. Overgrown hedges have a very good variation in structure. This site meets the criteria for a neutral grassland LWS with 17 species recorded (at least 8 are required).									
Non-botanical intersity Site has potential to	rest support breeding birds and	reptiles.							

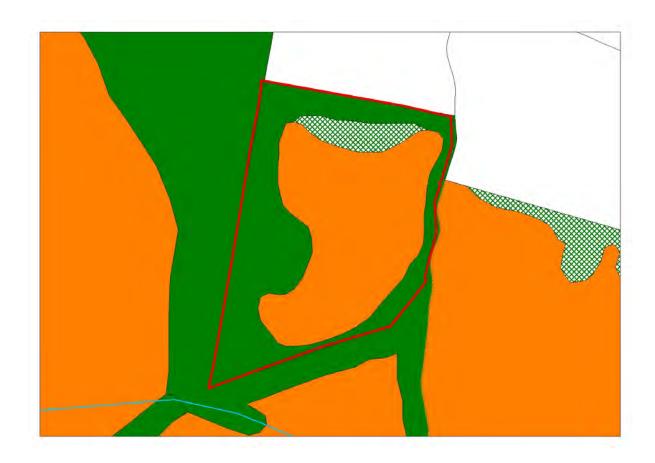
Site Condition (favor	urable/unfavourable, a	and stak	le/de	clining/r	ecovering where possible)				
Compared to previous descriptions									
Primary habitat	Neutral grassland: fav	ourable	– dec	lining					
Secondary habitat	Hedgerows: favourab	le - stabl	е						
Other habitat	Broadleaved woodlan	d: favou	rable -	stable					
Comments/Explanation	on of Condition								
Scrub encroachment from	om northern boundary	needs to	be co	ntrolled	to prevent further loss of				
grassland.									
Is this site a good exa	mple of its habitat	Yes	√	No					
type in Hertfordshire?	•								
Will the current mana	gement retain the	Yes	√	No	But scrub control required.				
biodiversity value of t	he site?								
Does the site have po	Yes	✓	No						
with different management?									
Is further survey work	required? E.g	Yes		No	✓				
invertebrates, birds									

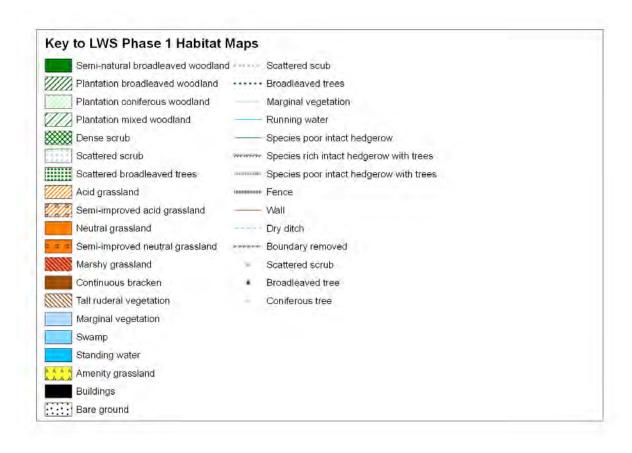
Site Mana					
Type of m	anagem	nent/	Condition	Tick Box	Details/Comments
Grassland	l/Wetlan	nd			
Unmanag	ed				
Grazed	cattle		sheep		Lightly grazed.
	horse	✓	mixed		
	Over-g	graze	ed		
	Under-	-graz	ed		
Cut	Mown				
	Hay cu	ut	Silage cut		
	Freque	ent n	nowing		
	Hay cut & aftermath				
	grazin	g			
Scrub			Scattered		Localised blackthorn and bramble.
Encroach	ment		<5%		
			5-20%	\checkmark	
			>20%		
Herbicide	/pesticio	de/fe	rtiliser use		
Planting of	of trees				
Other					
Woodland					
Unmanag	ed Woo	dlan	d	\checkmark	
High Fore	st				
Active co	ppice	son	ne standards		
		no s	standards		

Abandoned co			
	d pasture/parkland		
	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards	✓	
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
Disturbance, D	Damage & Dumping		
Invasive aliens	3		
Heavy amenity	/ use		
Heavily distur	bed		
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management							
What is the current management of the site?							
Horse grazing							
What manage	ement is recommended to	maintain / improve the biodiversity of the site?					
· · · · · · · · · · · · · · · · · · ·							
Primary	Scrub control.						
Habitat							
Secondary							
Habitat							
Other							
Habitats							
Is grazing ap	propriate for this site?						
Yes	•						
Is the site sto	<u> </u>	Yes					
	have water for stock?	Yes					
	cessible to a vehicle?	Yes					
	nagement discussed with tl	he land owner, and if so, what?					
No							
0.11							
	ents regarding site manage	ement					
None							

Phase 1 Habitat Map of Meadow N of High View Farm 80/027





LWS Field Survey Form 2010									
Site Name		Grid Re	ference						
Meadow NE of High Vi	ew Farm	T L	3 2 4	0 4 2					
Site Number/ID 80/028	3	Date 30	/5/12	1 1	THE	11110			
Recorder(s)		Time on	Time on Site Wildlife						
Mark Woods		1 hour				RUSTS			
Site Size	1.61 ha								
Site Ownership	Private			<u> </u>					
notes									
Boundary of LWS									
Is the boundary show	n on the map	correct/sei	nsible?	Yes	/	No			
Comments/Amendme	ents								
Site survey informa	tion								
Main biodiversity	Neutral grass	land							
interest of site									
Habitat – please indic	ate extent of I	nabitats on	site map (th	ne primary hab	itat is t	that for which the			
site is recognised for) Primary habitat	Neutral grass	land							
Secondary Habitat	Hedgerows w	ith trees (s	pecies-rich a	nd species-po	or)				
Other Habitats	Broadleaved	woodland a	long souther	n boundary					
Comments									
Interest Features – pl	oaso indicato	location or	a sita man						
Veteran trees	ease mulcale		Bare ground						
Pollarded trees			Steep slopes						
Standing/fallen			Invasive spe	cies					
dead wood									
Sap runs/holes			Public acces	SS	✓	PROW across			
in trees			A 1/1 6			field			
Tussocky			Areas with f	-					
vegetation			prolonged fl						
Abundant nectar			Seasonally v	vet/damp					
source		6	areas						

Varied sward		Earthworks /hummocky								
height		ground								
Anthills		Ridge and furrow								
Rock outcrops		Other								
•										
	Site Description If there is an existing site description is it still accurate? Please outline significant changes Yes									
Neutral grassland pa	habitats and site context asture bounded by hedgeround along southern edge.	ows that are encroaching sligh	tly on to field. Strip of							
Habitat detail (including notable species) Good example of NVC MG5 neutral grassland with a very high ratio of herbs to grasses. Sward height was 30-50cm when surveyed. Common knapweed abundant, grasses such as sweet vernal grass and crested dog's-tail never more than locally frequent. Meadow buttercup and red clover frequent. No thatch. Very lightly horse grazed. Some scrub encroachment from adjacent woodland and scrubby hedgerows. Boundaries contribute to the ecological interest – diverse range of species. Woodland strip has good varied structure but not a very diverse range of herbs. This site meets the criteria for a neutral grassland LWS with 18 Indicator Species recorded (at least 8 are required).										
Non-botanical inte Good bird breeding,	rest reptile and invertebrate ha	bitat.								

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)								
Compared to previous descriptions								
Primary habitat	Neutral grassland: fav	ourable	- stab	le				
Secondary habitat	Hedgerows: favourabl	Hedgerows: favourable - stable						
Other habitat	Broadleaved woodland	Broadleaved woodland: favourable - stable						
Comments/Explanation of Condition								
Is this site a good exa	mple of its habitat	Yes	✓	No				
type in Hertfordshire?	•							
Will the current manage	gement retain the	Yes	✓	No				
biodiversity value of t	he site?							
Does the site have po	tential to improve	Yes		No	✓			
with different manage								
Is further survey work	required? E.g	Yes		No	✓			
invertebrates, birds								

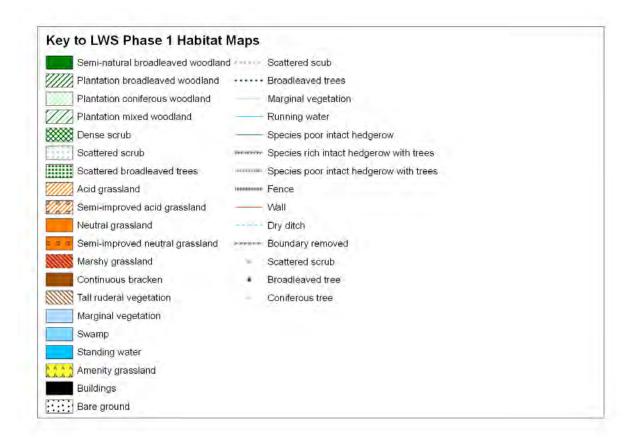
		_			
Site Man				_	
Type of m	anagem	nent/	Condition	Tick Box	Details/Comments
Grassland	d/Wetlan	nd			
Unmanag	ed				
Grazed	cattle		sheep		Very light grazing.
	horse	٧	mixed		
	Over-g	graze	ed		
	Under	-graz	zed		
Cut	Mown				
	Hay cu	ut	Silage cut		
	Freque	ent r	nowing		
	Hay cut & aftermath				
	grazin	g			
Scrub			Scattered		May need controlling in future years.
Encroach	ment		<5%		
			5-20%	✓	
			>20%		
Herbicide	/pesticio	de/fe	rtiliser use		
Planting of	of trees				
Other					
Woodland					
Unmanag	ed Woo	dlan	d	✓	Along southern edge.
High Fore	st				
Active co	ppice	son	ne standards		
	-	no s	standards		7

Abandoned co		
Managed woo	d pasture/parkland	
Relic wood pa	sture/parkland	
Pollarded Woo	odland	
Exotics / Orna	mentals	
Game manage		
Woodland clea		
Woodland ride	es	
Recently plant	ted trees	
Dead wood		
Other		
Hedgerows		
Cut Hedge	With standards	
	Without standards	
Uncut Hedge	With standards	
	Without standards	
Overgrown	With standards	
Hedge	Without standards	
Rivers/Water E	Bodies	
Fishing	Heavy	
	Light (not obvious)	
Bank	Fenced off	
management	Unmanaged	
	Grazed	
	Cut	
	Damage & Dumping	
Invasive aliens		
Heavy amenity use		
Heavily distur		
Dumping impa		
Vehicular impa	act	
Fly tipping		
Other		

Management							
What is the current management of the site?							
Horse grazing							
What manage	ement is recommended to r	maintain / improve the biodiversity of the site?					
Primary	No change.						
Habitat							
Secondary	Current extent of cerub is a	cceptable and should be retained as it adds to diversity of					
Habitat		be necessary to ensure that further encroachment does					
	not occur.	· · · · · · · · · · · · · · · · · · ·					
Other							
Habitats							
	propriate for this site?						
Yes							
Is the site sto	ockproof?	Yes					
Does the site	have water for stock?	Yes					
Is the site ac	cessible to a vehicle?	Yes					
Was anv mar	nagement discussed with the	ne land owner, and if so, what?					
No							
011							
None None	ents regarding site manage	ement					
. 10110							

Phase 1 Habitat Map of Meadow NE of High View Farm 80/028





LWS Field Survey Form 2010												
Site Name				Grid R	eferen	се						
Hammond Street Me	adov	/	-	T L 3 2 6 0 4 2								
Site Number/ID 80/0	029			Date 1	2/6/12	l.	1	1	ı		ТН	E O JI C
Recorder(s)	Recorder(s) Time										u	ildlite
Mark Woods				1 hour								RUSTS
Site Size	1	.8 ha	<u> </u>							-		
Site Ownership	Р	rivate										
notes												
Boundary of LWS	Boundary of LWS											
Is the boundary sho	own (on the ma	ар сс	orrect/s	ensibl	∍?		Y	'es	√		No
Comments/Amendr	ment	S								1		
Site survey inform	natio	n										
Main biodiversity	N	leutral gra	sslar	nd								
interest of site												
Habitat – please inc		e extent o	of ha	bitats o	n site	map (the p	prim	ary h	abita	at is	that for which the
site is recognised for) Primary habitat Neutral grassland												
Secondary Habitat												
Other Habitats	R	unning wa	ater									
	F	ledgerows	<u> </u>									
Comments												
Internal Frateria		!!!	1 - 1 -		!1-							
Interest Features –	piea		te Io	cation (•						
Veteran trees						grour					√	Small patches
Pollarded trees	✓	Coppice			•	slop						
Standing/fallen	\checkmark	In hedge		ıd	Invas	ive sp	ecie	es			\checkmark	Himalayan
dead wood		woodlan	nd									balsam along
												stream
Sap runs/holes	✓				Publi	c acc	ess				✓	PROW
in trees												
Tussocky	✓				Areas	with	frec	quer	nt/			
vegetation					prolo	nged	floo	ding	9			
Abundant nectar					Seas	onally	wet	t/daı	mp		✓	Flushed areas

	1	T	T		Γ			
source			areas					
Varied sward	√	Some less grazed	Earthworks /hummocky					
height		areas	ground					
Anthills			Ridge and furrow					
Rock outcrops			Other					
Site Description								
If there is an existing site description is it still accurate? Please outline significant changes Yes								
Brief summary of habitats and site context Neutral grassland bounded by broadleaved woodland/dense scrub to south and west and hedgerows to north east.								
Habitat detail (including notable species) Neutral grassland is fairly good example of NVC type MG5 grassland. Good variety of grasses including crested dog's-tail, red fescue, creeping bent, meadow foxtail. Some agricultural improvement has occurred as ryegrass is locally frequent. Fairly short tight sward with an average height of 20cm. Typical herbs are common knapweed, ox-eye daisy, bird's-foot trefoil and meadow buttercup. Hedges are not continuous and scrub includes some fairly large boundary trees (ash). To the south and west is scrubby woodland with glades of tall herbs/grassland – this spreads out into field to form patches of scrub. Several shrubs/trees in fields including hawthorn, apple and dog rose. This sites meets the criteria for a neutral grassland LWS with 11 Indicator Species recorded (at least 8 required).								
Non-botanical interest Nesting bird habitat.								

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)								
Compared to previous descriptions								
Primary habitat	Neutral grassland: fav	ourable	– decl	ining				
Secondary habitat	Broadleaved woodland	Broadleaved woodland: favourable – stable						
Other habitat								
Comments/Explanation	on of Condition							
la this site a good ava	umple of its habitat	Yes		No	1			
Is this site a good exa	•	res	✓	NO				
type in Hertfordshire?								
Will the current manage	gement retain the	Yes		No	\checkmark			
biodiversity value of t	he site?							
Does the site have po	tential to improve	Yes	√	No				
with different manage	ment?							
Is further survey work	required? E.g	Yes		No	✓			
invertebrates, birds								

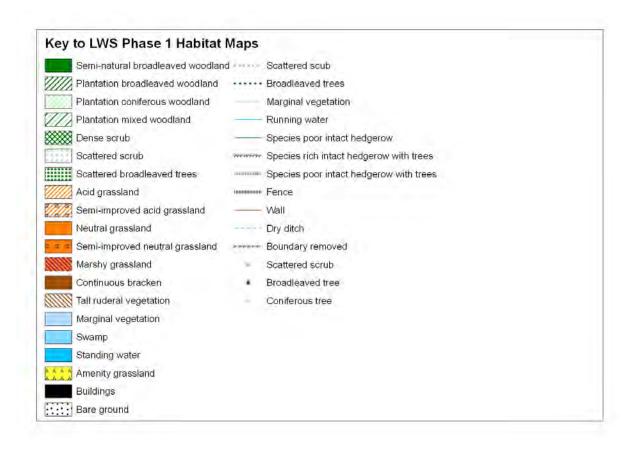
Site Mana	ageme	nt			
Type of ma			ondition	Tick Box	Details/Comments
Grassland	/Wetla	nd		БОХ	
Unmanage		iiu		Ī	
Grazed	cattle		sheep		2 plus foal.
Orazoa	horse		mixed		
		grazed			
		grazeu r-graze			
Cut	Mowr		<u> </u>		
Cut	Hay c		Silage cut		
		ient mo			
			termath		
	grazir				
Scrub			cattered		Scrub at acceptable levels.
Encroachr	nent		5%		
		5	-20%	✓	
		>	20%		1
Herbicide/	pestici	de/fert	iliser use		
Planting of					
Other					
Woodland					
Unmanage	ed Woo	odland		\checkmark	
High Fores	st				
Active cop		some	standards		
	no standards				
Abandone	Abandoned coppice				
Managed v			/parkland		
	Relic wood pasture/parkland				
Pollarded	Woodl	and			
Exotics / C)rname	entals			
Game man					
Woodland	clearii	ng		\checkmark	
Woodland	rides				
Recently p		trees			
Dead woo	d			\checkmark	
Other					
Hedgerow					
Cut Hedge			ndards		
			standards		
Uncut Hed	_		ndards		
0			standards		
Overgrowi			ndards	✓	
_	Hedge Without standards				
Rivers/Wa					
Fishing		leavy	- (- la - d)	1	
Don!:			ot obvious)	1	
Bank		enced on mana		-	Partially.
manageme			yeu ———————	√	i aitially.
		razed		√	
	_	ut			
Disturband	ce, Dar	nage &	Dumping		

Invasive aliens	\checkmark	Himalayan balsam along stream.
Heavy amenity use		
Heavily disturbed		
Dumping impact		
Vehicular impact		
Fly tipping		
Other		

Management								
What is the current managem	ent of the site?							
Horse grazing								
What management is recommended to maintain / improve the biodiversity of the site?								
	razing to allow sward structure and diversity to develop.							
Habitat								
Secondary								
Habitat								
Other								
Habitats								
Is grazing appropriate for this Yes	site?							
165								
Is the site stockproof?	Yes							
Does the site have water for s	stock? Yes							
Is the site accessible to a vehicle? Yes								
	sed with the land owner, and if so, what?							
No								
Other Comments regarding site management								
None								

Phase 1 Habitat Map of Hammond Street Meadow 80/029





LWS Field Survey Form 2010										
Site Name		Grid F	Reference							
Lucas End Farm Pas	ture	TL	T L 3 2 0 0 3 9							
Site Number/ID 80/0	30	Date	Date 30/5/12							
Recorder(s)		Time	rildlite							
Mark Woods		1.25 h	1.25 hours TRUSTS							
Site Size	2.8 ha	1								
Site Ownership	Private				l .					
notes										
Boundary of LWS										
Is the boundary sho	wn on the m	ap correct/s	sensible?	Yes	✓	No				
Comments/Amendm	nents									
Site survey inform	ation									
Main biodiversity	Neutral gra	assland								
interest of site										
Habitat – please ind site is recognised for		of habitats	on site map (the pr	imary ha	bitat is	that for which the				
Primary habitat										
Secondary Habitat	Valley mire	Valley mire								
Other Habitats	Species po	oor hedgerov	WS							
	Dense scr	np								
Comments										
Interest Features –	nlease indica	te location	on site man							
Veteran trees	J.0400 Maioe		Bare ground			Disturbed				
			a.o g. oana			areas				
Pollarded trees			Steep slopes			31000				
	✓ In hedg	es	Invasive species	<u> </u>						
dead wood				-						
Sap runs/holes			Public access		-	PROW				
in trees										
	✓ Varied	structure	Areas with frequ	ient/	-	Valley mire				
vegetation			prolonged flood							
Abundant nectar			Seasonally wet/o		√	Hollow in NW				

source			areas	corner	
Varied sward	√	Variation	Earthworks /hummocky		
height		throughout	ground		
Anthills			Ridge and furrow		
Rock outcrops			Other		
Site Description					
If there is an exis	ting si	te description is	it still accurate? Please outline sign	gnificant change	
T					

If there is an existing site description is it still accurate? *Please outline significant changes* To some extent, but marshy grassland (2012 Wildlife Site Report) is not accurate description of the wetland area and southern marsh orchid was not seen.

Brief summary of habitats and site context

Neutral grassland on a north-facing slope. Very weedy at southern end on drier parts of the grassland. The centre of the field is a spring (on map marked as parallel lines, running north-east of patch of scrub in centre of field), which drains from south to north into a ditch, forming an area of valley mire. A wet hollow is present in the north-west corner. Big scrubby hedges on north, east and south sides. Not very stockproof but diverse structure.

Habitat detail (including notable species)

Old pasture of NVC MG5 type. Over-grazed with poached ground in places. Tall ruderal stands are frequent (nettles and broad-leaved dock). Crested dog's tail, common knapweed, smooth meadow grass, white clover and meadow buttercup all present where sward is in good condition. Valley mire is NVC type M37 (*Festuca rubra Cratoneuron commutatum* sub-community). Very poached. Southern marsh orchid may no longer be present but a few common spotted orchid spikes noted.

This site meets the criteria for a grassland LWS with 19 Indicator Species recorded (at least 8 are required).

N	on-l	bot	ani	cal	int	erest
---	------	-----	-----	-----	-----	-------

Good bird nesting habitat.

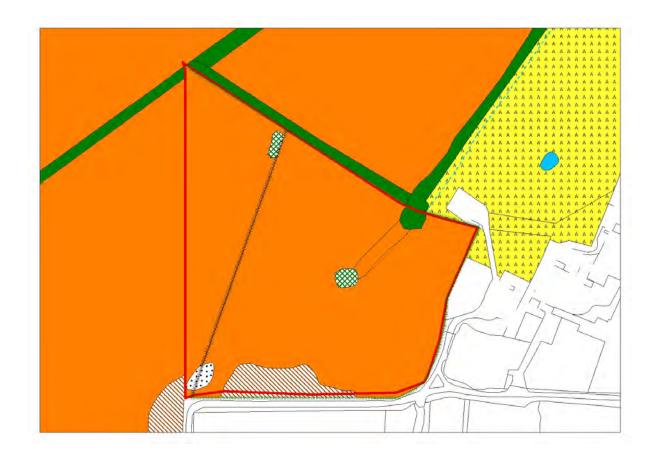
Site Condition (favor	urable/unfavourable,	and stab	le/de	clining/r	ecovering where possible)			
Compared to previous	Compared to previous descriptions							
Primary habitat	Neutral grassland: un	favourab	le - de	eclining				
Secondary habitat	Valley mire: unfavoura	able - de	clining	J				
Other habitat	Hedges: unfavourable	Hedges: unfavourable – stable						
Comments/Explanation	on of Condition							
Neutral grassland and	valley mire are overgra	zed.						
Hedgerow require man	agement.							
Is this site a good exa	mple of its habitat	Yes		No	√overgrazed			
type in Hertfordshire?	•							
Will the current mana	gement retain the	Yes		No	✓			
biodiversity value of t	biodiversity value of the site?							
Does the site have po	Yes	✓	No					
with different management?								
Is further survey work	required? E.g	Yes		No	✓			
invertebrates, birds								

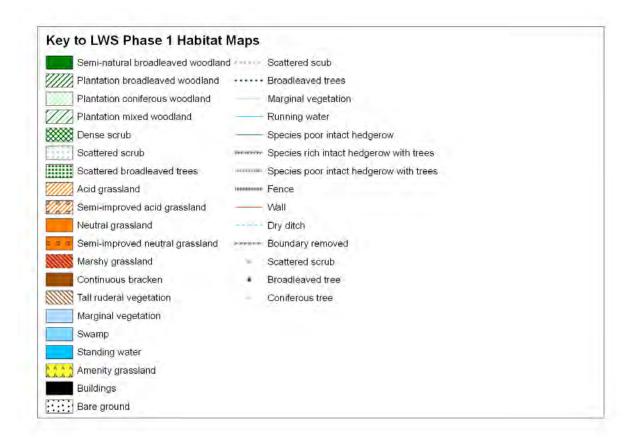
Site Mana	Site Management					
Type of management/Condition			ondition	Tick Box	Details/Comments	
Grassland	I/Wetland					
Unmanage	ed					
Grazed	cattle		sheep		Too many horses, leading to poached and disturbed	
	horse	√	mixed		ground with subsequent weedy patches and bare	
	Over-gr	azed		✓	ground.	
	Under-g	jraze	d			
Cut	Mown					
	Hay cut	ay cut Silage cut				
	Freque	nt mo	wing			
	Hay cut	& af	termath			
	grazing					
Scrub		S	cattered			
Encroach	ment	<	5%	✓		
		5	-20%			
		>	20%			
Herbicide	pesticide	e/fert	iliser use			
Planting of trees						
Other						
Woodland						
Unmanaged Woodland						
High Fore	st					
Active co	opice s	some	standards			

	no standards		
Abandoned co	ppice		
Managed wood pasture/parkland			
	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage	ement		
Woodland clea			
Woodland ride	es		
Recently plant	ted trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards	✓	
Hedge	Without standards		
Rivers/Water B	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
Cut			
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily disturbed			
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management							
	urrent management of the	site?					
Horse grazing							
What manage	ement is recommended to r	maintain / improve the biodiversity of the site?					
Primary	Weed control (nettle, dock a	and thistles).					
Habitat	Reduce grazing intensity.						
Secondary Habitat	Fence off valley mire for 2-3 limited basis.	B years to allow it to recover. Then allow grazing on a					
парітат	iimited basis.						
Other	Hodgo trimming/loving						
Habitats	Hedge trimming/laying.						
Is grazing an	propriate for this site?						
Yes but at a k							
	·						
In the alternate		Was to a second set (see a second balance)					
Is the site sto	•	Yes to some extent (see comment below).					
	have water for stock?	Yes					
	cessible to a vehicle?	Yes					
	nagement discussed with th	ne land owner, and if so, what?					
No							
Other Comments regarding site management							
Horses can ro	am through several fields but	t seem to prefer to overgraze this field.					

Phase 1 Habitat Map of Lucas End Farm Pasture 80/030





LWS Field Survey Form 2010								
Site Name			Grid Reference					
Meadow W of Whitel	nouse Fai	rm	T L 3 2 2 0 3 3					
Site Number/ID 80/032			Date 28/5/12	THE 17 11 C				
Recorder(s)			Time on Site Wildlife					
Mark Woods			1.25 hours	TRUSTS				
Site Size	1.77 ł	ha						
Site Ownership	Privat	te						
notes								
Boundary of LWS								
Is the boundary sho	own on th	he map co	rrect/sensible? Yes	√ No				
Comments/Amendr	nents							
Site survey inform	nation							
Main biodiversity	Neutr	al and mar	shy grassland					
interest of site								
		tent of ha	pitats on site map (the primary ha	bitat is that for which the				
site is recognised for Primary habitat		al grasslar	d					
Secondary Habitat		hy grasslar						
Other Habitats		erows						
Comments								
Comments								
Interest Features –	please in	ndicate lo						
Veteran trees			Bare ground					
Pollarded trees			Steep slopes					
Standing/fallen		Invasive species						
dead wood								
Sap runs/holes			Public access					
in trees								
	✓		Areas with frequent/	✓				
vegetation			prolonged flooding					
Abundant nectar			Seasonally wet/damp	✓				
source			areas					

Varied sward	\checkmark		Earthworks /hummocky		
height			ground		
Anthills			Ridge and furrow		
Rock outcrops			Other		
Site Description					
		e description is it sti	II accurate? Please outline different place.	signif	icant changes
Neutral grassland was dry ditch that runs	with are	the field. Site bound	d at eastern end and marshy ed by species-poor hedgerow		and flanking a
Main species are n herbs – silverweed grazing intensity (fi Marshy grassland i mesotrophic species sedge, oval sedge, The site qualifies a	s fairly neadow , creep eld spli s much es. Incl ragged	species-poor NVC MC refoxtail, Yorkshire fog ing buttercup and less to in two). Tall (50cm) more species-rich wit udes hard rush, sweed robin, square-stalkedssland LWS based on	G5 type. It has an overgrazed and smooth meadow grass were stitchwort. Structure varied on one side, 10-25cm on other that a varied structure and a got-grass sp., creeping bent, glad St John's wort and bog stited the presence of 17 recorded for marshy grassland).	with a fed dependent of the dependent of	ew scattered ending on nge of s sedge, remote
Non-botanical inte	erest				

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible) Compared to previous descriptions Primary habitat Neutral grassland: unfavourable – stable Secondary habitat Marshy grassland: favourable – stable Other habitat Hedges: favourable - stable

Comments/Explanation of Condition

Neutral grassland is overgrazed and possibly fertilized, whereas marshy grassland appears to be left largely undisturbed by horses.

Hedges are only trimmed on road side and are large, bushy and continuous.

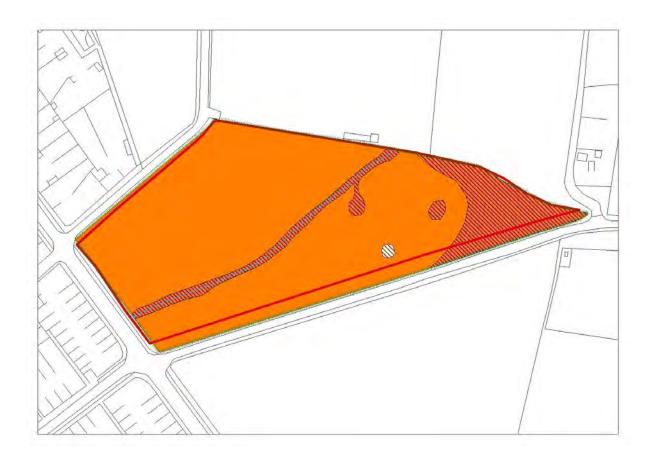
Is this site a good example of its habitat	Yes		No	Neutral grassland – no
type in Hertfordshire?				Marshy grassland - yes
Will the current management retain the	Yes		No	Neutral grassland – no
biodiversity value of the site?				Marshy grassland - yes
Does the site have potential to improve	Yes	√	No	
with different management?				
Is further survey work required? E.g	Yes		No	✓
invertebrates, birds				

	Site Management					
Type of management/Condition				Tick Box	Details/Comments	
Grassland	d/Wetlan	ıd				
Unmanag	ed					
Grazed	cattle		sheep			
	horse	✓	mixed			
	Over-g	jraze	d	√		
	Under-	-graz	ed			
Cut	Mown					
	Hay cu	ıt	Silage cut			
	Freque	ent m	owing			
			ftermath			
	grazin					
Scrub			Scattered			
Encroach	ment		<5%	✓		
			5-20%			
		:	>20%			
		de/fer	tiliser use			
Planting of	of trees					
Other	Other					
Woodland						
Unmanaged Woodland						
High Fore						
Active co	ppice		e standards			
		no s	tandards			

	Abandoned coppice		
Managed wood pasture/parkland			
Relic wood pasture/parkland			
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards	✓	Partly cut.
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily disturl			
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management						
	urrent management of the	site?				
Horse grazing and hedge trimming						
What manage	ement is recommended to	maintain / improve the biodiversity of the site?				
Primary	Lower intensity of horse gra	azing.				
Habitat						
Secondary	Lower intensity of horse gra	azina				
Habitat	201101 interiority of freed gre	 				
Other	Hedge management require	es no change.				
Habitats						
Is grazing ap	propriate for this site?					
1 65						
Is the site sto	ockproof?	Yes				
Does the site	have water for stock?	Yes				
Is the site accessible to a vehicle?						
Was any management discussed with the land owner, and if so, what?						
No						
Other Comments regarding site management						
None						

Phase 1 Habitat Map of Meadow W of Whitehouse Farm 80/032





LWS Field Survey Form 2010														
ground Site Number/ID 80	Meadow S of Rosedale sports			T L Date 9	T L 3 3 7 0 2 9							llife		
Recorder(s)		Time on Site TRUSTS						SIS						
Mark Woods				0.75 hı	rs									
Site Size	4	ha												
Site Ownership	P	rivate												
notes														
Boundary of LWS														
Is the boundary sh	own (on the ma	ар с	orrect/s	ensi	ble?			Y	es	√		No	
Comments/Amend	ment	S							<u> </u>					
Site survey infor	matic	n												
Main biodiversity	N	leutral gra	ssla	nd										
interest of site														
Habitat – please in site is recognised for		e extent d	of ha	bitats c	n si	te m	ар (the p	orima	ary h	abitat	is th	nat f	or which the
Primary habitat		leutral gra	ssla	nd										
Secondary Habitat	: P	lantation l	broa	dleaved	woo	dlan	d							
Other Habitats	D	ense scru	ıb/sc	attered	scrul	o/ sc	atte	red b	oroa	dleav	ed wo	oodl	and	
	(p	peduncula	te o	ak)										
Comments														
Neutral grassland a	Neutral grassland appears to be amenity-managed for at least part of the year.													
Interest Features – please indicate location on site map														
Veteran trees					Baı	re gr	oun	d			Т			
Pollarded trees					Ste	ep s	lope	es						
Standing/fallen					Inv	asiv	e sp	ecie	es					
dead wood														
Sap runs/holes					Pul	olic	acce	ess			V	/		
in trees														
Tussocky	√	Some or	n fiel	d	Are	as v	vith	freq	uen	t/				
vegetation		edges			pro	long	ged :	floo	ding	l				

Abundant nectar			Seasonally wet/damp	✓	Drain line –	
source			areas		field drain	
					probably	
					blocked	
Varied sward	✓		Earthworks /hummock	xy		
height			ground			
Anthills			Ridge and furrow			
Rock outcrops			Other			
Site Description						
Brief summary of						
Neutral grassland flanked by plantation and scattered trees.						
ricaliai grassiana i	5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -					
rveditai grassiana i		oy plantat	ion and coalicroa libbs.			
rvedital grassiana i		oy plantat	ion and coaliered troop.			
rveutrai grassiana i		oy plantat	non and countries noce.			
rveutrai grassiana i		oy plamat	non and countries noce.			
rveutrai grassiana i		oy plamat	non and ocultored troop.			
rveutrai grassiana i		oy piamat				
Habitat detail (inc						
Habitat detail (inc Neutral grassland:	<i>luding</i> Shorts	<i>notable</i> s	species) ical herbs and grasses of MG5 comr			
Habitat detail (inc Neutral grassland: occurring. Most of	<i>luding</i> Short s	<i>notable</i> s ward, typ d is used f	species) ical herbs and grasses of MG5 comr for sports (rugby pitch) and is probab	ly amenit	y managed in	
Habitat detail (inc Neutral grassland: occurring. Most of winter. This does r	Iuding Short s the field	notable s ward, typ d is used f	species) ical herbs and grasses of MG5 comr	ly amenit inity. Nort	y managed in th and west side	
Habitat detail (inc Neutral grassland: occurring. Most of winter. This does reflanked by mature	Iuding Short s the field not appoplantation	notable s ward, typ d is used f ear to haven wood –	Species) ical herbs and grasses of MG5 comr for sports (rugby pitch) and is probab e affected the diversity of the commu	ly amenit inity. Nort South an	y managed in :h and west side d east sides	
Habitat detail (inc Neutral grassland: occurring. Most of winter. This does r flanked by mature flanked by scattere	Iuding Short s the field not appo plantation	notable s ward, typ d is used f ear to have on wood – such as o	species) ical herbs and grasses of MG5 comr for sports (rugby pitch) and is probab e affected the diversity of the commu- mixture of natives and non-natives. bak and hornbeam. Patches of bram	ly amenit Inity. Nort South an ole/rose/h	y managed in th and west side d east sides nawthorn.	
Habitat detail (inc Neutral grassland: occurring. Most of winter. This does r flanked by mature flanked by scattere North and west sid	Iuding Short s the field not appoplantation d trees es flank	notable s ward, typ d is used f ear to hav on wood – such as o	species) ical herbs and grasses of MG5 comr for sports (rugby pitch) and is probable affected the diversity of the communication of natives and non-natives.	ly amenit inity. Nort South an ble/rose/h ives and	y managed in the and west side deast sides nawthorn.	
Habitat detail (inc Neutral grassland: occurring. Most of winter. This does r flanked by mature flanked by scattere North and west sid South and east sid bramble/rose/hawti	Iuding Short s the field not appointation d trees es flank es flank horn.	notable seward, typod is used fear to have bush as one wood ed by mained by scalar Species	species) ical herbs and grasses of MG5 comr for sports (rugby pitch) and is probab e affected the diversity of the commu- mixture of natives and non-natives. bak and hornbeam. Patches of bram	ly amenit Inity. Nort South an ble/rose/h ives and am. Pato	y managed in the and west side deast sides nawthorn. non-natives.	
Habitat detail (inc Neutral grassland: occurring. Most of winter. This does r flanked by mature flanked by scattere North and west sid South and east sid bramble/rose/hawt	Iuding Short s the field not appointation d trees es flank es flank horn.	notable seward, typod is used fear to have bush as one wood ed by mained by scalar Species	ical herbs and grasses of MG5 commoder sports (rugby pitch) and is probable affected the diversity of the communicative of natives and non-natives. Patches of bramature plantation wood – mixture of nativered trees such as oak and hornbe	ly amenit Inity. Nort South an ble/rose/h ives and am. Pato	y managed in the and west side deast sides nawthorn. non-natives.	
Habitat detail (inc Neutral grassland: occurring. Most of winter. This does r flanked by mature flanked by scattere North and west sid South and east sid bramble/rose/hawt	Iuding Short s the field not appointation d trees es flank es flank horn.	notable seward, typod is used fear to have bush as one wood ed by mained by scalar Species	ical herbs and grasses of MG5 commoder sports (rugby pitch) and is probable affected the diversity of the communicative of natives and non-natives. Patches of bramature plantation wood – mixture of nativered trees such as oak and hornbe	ly amenit Inity. Nort South an ble/rose/h ives and am. Pato	y managed in the and west side deast sides nawthorn. non-natives.	
Habitat detail (incomplete Neutral grassland: occurring. Most of winter. This does not flanked by mature flanked by scattere North and west sid South and east sid bramble/rose/hawti	Iuding Short s the field not appointation d trees es flank es flank horn.	notable seward, typod is used fear to have bush as one wood ed by mained by scalar Species	ical herbs and grasses of MG5 commoder sports (rugby pitch) and is probable affected the diversity of the communicative of natives and non-natives. Patches of bramature plantation wood – mixture of nativered trees such as oak and hornbe	ly amenit Inity. Nort South an ble/rose/h ives and am. Pato	y managed in the and west side deast sides nawthorn. non-natives.	

Non-botanical interest			

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)					
descriptions					
Neutral grassland: fav	ourable-	stable)		
Plantation broad-leave	ed wood	and: f	avourab	le-stable	
Scrub: favourable - sta	able				
on of Condition					
mple of its habitat	Yes	✓	No		
,					
gement retain the	Yes	√	No		
biodiversity value of the site?					
Does the site have potential to improve Yes No Possibly					
with different management?					
s further survey work required? E.g Yes No ✓					
	Neutral grassland: favorable - statement? Respectively. Scrub: favourable - statement retain the site? Secretary of the site	Neutral grassland: favourable- Plantation broad-leaved woodl Scrub: favourable - stable on of Condition mple of its habitat Yes gement retain the Yes he site? tential to improve Yes ment?	Neutral grassland: favourable-stable Plantation broad-leaved woodland: f Scrub: favourable - stable on of Condition mple of its habitat gement retain the he site? tential to improve ment?	Neutral grassland: favourable-stable Plantation broad-leaved woodland: favourab Scrub: favourable - stable on of Condition mple of its habitat Yes ✓ No gement retain the Yes ✓ No he site? tential to improve Yes No ment?	

Site Man	Site Management							
Type of management/Condition			Condition	Tick Box	Details/Comments			
Grassland	d/Wetlar	nd						
Unmanag	ed							
Grazed	cattle		sheep					
	horse		mixed					
	Over-g	graze	d					
	Under	-graz	ed					
Cut	Mown			√	Managed as a sports field.			
	Hay cu	ıt	Silage cut					
	Freque	ent n	nowing	✓				
			aftermath]			
	grazin							
Scrub			Scattered					
Encroach	ment		<5%					
		<u> </u>	5-20%					
			>20%					
		de/fe	rtiliser use					
	Planting of trees							
Other								
Woodland								
Unmanaged Woodland		✓						
High Forest								
Active co	ppice	som	ne standards					
		no s	standards					

Abandoned co	ppice		
Managed wood pasture/parkland			
	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals	√	
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ted trees		
Dead wood		√	
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water I	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
Disturbance, [Damage & Dumping		
Invasive aliens			
Heavy amenity use		✓	
Heavily disturbed			
Dumping impact			
Vehicular imp	act		
Fly tipping			
Other			

Management						
What is the current management of the site?						
Mowing for amenity purposes.						
	maintain / improve the biodiversity of the site?					
Depends on frequency of mowing. If mowil	ng stopped in summer – then no change required.					
Primary Habitat						
Парітат						
Secondary						
Habitat						
Other Habitats						
Habitats						
Is grazing appropriate for this site?						
No						
lo the cite steelenroof?	Cauld be made as					
Is the site stockproof?	Could be made so					
Does the site have water for stock?	No					
Is the site accessible to a vehicle?	Yes					
Was any management discussed with the No	ne land owner, and if so, what?					
Other Comments regarding site manage	ement					

Phase 1 Habitat Map of Meadow S of Rosedale sports ground 80/035





LWS Field Survey Form 2010								
Site Name			Grid F	Reference				
Hammond Street So	crub		TL	3 2 7 0	4 1			
Site Number/ID 80/037 Date				12/6/12	1			
Recorder(s)		Time on Site <i>wildlife</i>						
Mark Woods			1.25 hours TRUSTS					
Site Size		1.8 ha	<u> </u>			•		
Site Ownership		Private				I		
notes								
Boundary of LWS								
Is the boundary sh	own	on the ma	ap correct/s	sensible?	Yes	✓	No	
Comments/Amend	men	ts						
Site survey infor	mati	on						
Main biodiversity		Scrub (nov	/ immature v	woodland) and neu	tral grass	land.		
interest of site								
Habitat – please in		te extent o	of habitats	on site map (the p	rimary ha	bitat is	that for which the	
site is recognised for Primary habitat		Broadleave	ed woodland	1				
Secondary Habitat	:	Neutral gra	ssland					
Other Habitats			nd/short eph	emeral				
Comments								
Area of concrete pro	acan	t which is	heina coloni	zed by ruderals an	d arassla	nd/scru	h nlante	
			•	•	u grassia	110/3010	b plants.	
Interest Features -	- ple	ase indica	te location	•				
Veteran trees				Bare ground		√	Concrete yard	
Pollarded trees				Steep slopes				
Standing/fallen	✓	Plenty		Invasive specie	S	√	Cotoneaster	
dead wood							sp.	
Sap runs/holes	✓	On bour	ndary trees.	Public access		√		
in trees								
Tussocky	✓		Areas with frequent/					
vegetation				prolonged flood	ding			
Abundant nectar	✓			Seasonally wet/	/damp	√	Willows	
source				areas			present in scrub.	

Varied sward				Earthworks /	hummocky		
height				ground			
Anthills				Ridge and fu	rrow		
Rock outcrops				Other			
Site Description							
If there is an exist Yes but scrub succ	_	•		ill accurate? <i>P</i>	lease outline	signi	ficant changes
Brief summary of habitats and site context Continuous dense scrub now succeeded to immature broadleaved woodland. Patches of neutral grassland on the southern edges and small grassy glades throughout.							
Habitat detail (inc.) Grassland is NVC I unmanaged, with a areas and a few sm hoary ragwort. The similar MG1 suite of is very species-rich contains marsh this Woodland/dense so in places with bare mustard, ground ivy open areas. Relict W8 ash woodland in The LWS selection association with an The grassland area to qualify), so it is contains not	MG1 tyltall tusticall hericall hericall hericall and interest and inte	pe grassland socky swart be of wet gray glades with es. There a cludes complete a varied social below. But a states that that to conform to the social states that the conform to the social states that the conform to the social states that the social states the social	d with derend and a described with the weare two vermon spots es. Both a described with the structure and also putly W21 has a conforms and a conforms are criteria,	ense thatch layer as common flet odland are fair ry small grasslated orchid and stare heavily shaded and canopy height pendulous sector pendulous sector awthorn-ivy scrut pendulous sector the criteria in having 10 Indiction.	er. A few tall I eabane, great ly species-poor and glades to the sneezewort, the ded and encrother — dense candary woodladge is present of dead wood. The shades are species all but habitate eator Species	nerbs er bird or and the we e other ached nopy in Ind flo Likel verse size v (at lea	in the more ope i's-foot trefoil an consist of a est, one of which is wetter and if by scrub. I by scrub. I by scrub. I by simpenetrable ra such as garline bramble in y to develop into structurein would qualify'.
Non-botanical inte							

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)						
Compared to previous	s descriptions					
Primary habitat	Woodland: favourable	- stable)			
Secondary habitat	Neutral grassland: un	favourab	le - de	eclining		
Other habitat						
Comments/Explanation	on of Condition					
Scrub is developing in a	a favourable manner to	wards w	oodlar	nd.		
Grassland requires mai	nagement.					
Is this site a good exa	umple of its habitat	Yes		No		
•	-	162	•	INO	✓ Woodland yes Grassland no	
type in Hertfordshire?					Crassiand no	
Will the current manage	gement retain the	Yes		No	✓	
biodiversity value of the site?						
Does the site have potential to improve Yes ✓ No						
with different management?						
Is further survey work required? E.g Yes No ✓					✓	
invertebrates, birds						

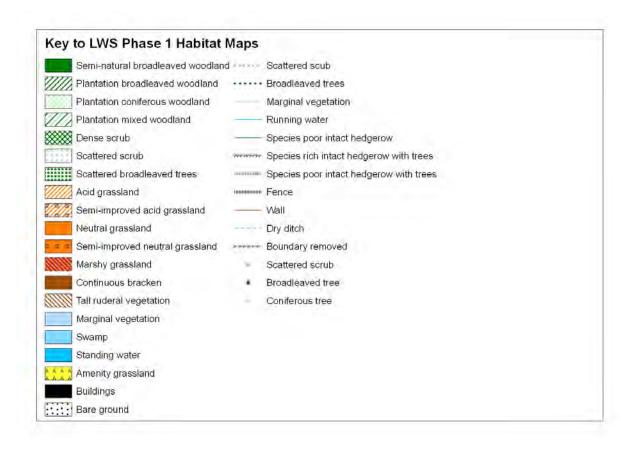
Site Man	Site Management							
	Type of management/Condition			Tick Box	Details/Comments			
Grassland/Wetland								
Unmanag	ed			\checkmark				
Grazed	cattle		sheep					
	horse		mixed					
	Over-g	graze	ed					
	Under	-gra	zed					
Cut	Mown							
	Hay cı	ut	Silage cut					
	Frequ	ent r	nowing					
	Hay cı	ut &	aftermath					
	grazin	g						
Scrub			Scattered		Bramble, lots of young trees and shrubs.			
Encroach	ment		<5%					
			5-20%					
			>20%	\checkmark				
Herbicide	/pestici	de/fe	rtiliser use					
Planting of				✓	Leylandii			
Other								
Woodland								
Unmanaged Woodland		√	Scrubby					
High Forest								
Active co	ppice	son	ne standards					
		no	standards					

Managed wood pasture/parkland Relic wood pasture/parkland Pollarded Woodland Exotics / Ornamentals Game management Woodland clearing Woodland rides Recently planted trees Dead wood ✓ Plenty Plenty Good lateral structure. Hedgerows Without standards Rivers/Water Bodies Fishing Heavy Light (not obvious) Bank Fenced off Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Fly tipping Fly tipping Fly tipping Fly tipping Fly tipping Fly tipping Florest and some dumped material. Florest and some d	Abandoned co			
Pollarded Woodland Exotics / Ornamentals Game management Woodland clearing Woodland rides Recently planted trees Dead wood ✓ Plenty Good lateral structure.				
Exotics / Ornamentals Game management Woodland clearing Woodland rides Recently planted trees Dead wood Other Hedgerows Cut Hedge With standards Without standards Without standards With standards With standards With standards With standards Fishing Heavy Light (not obvious) Bank management Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens Vehicular impact Vehicular impact Vehicular impact Vehicular impact Vehicular impact Vehicular impact Vehicular impact Vehicular impact Vehicular impact Vehicular impact Vehicular impact Vehicular impact		Relic wood pasture/parkland		
Game management Woodland clearing Woodland rides Recently planted trees Dead wood Other ✓ Good lateral structure. Hedgerows Cut Hedge With standards Without standards Without standards Without standards Without standards Fishing Heavy Light (not obvious) Bank management Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens Vehicular impact Vehicular impact Vehicular impact	Pollarded Woo	odland		
Woodland clearing Woodland rides Recently planted trees Dead wood Other V Good lateral structure. Hedgerows Cut Hedge With standards Without standards Without standards Without standards Without standards Vergrown Hedge With standards Rivers/Water Bodies Fishing Heavy Light (not obvious) Bank Fenced off Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens Vehicular impact Vehicular impact V Plenty Plenty Plenty Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material.	Exotics / Orna	mentals		
Recently planted trees Plenty				
Recently planted trees Dead wood ✓ Plenty Other ✓ Good lateral structure. Hedgerows Cut Hedge With standards Without standards Uncut Hedge With standards Without standards Without standards Without standards Hedge With standards Hedge Without standards Heavy Light (not obvious) Bank Fenced off management Disturbance, Damage & Dumping Invasive aliens Heavy amenity use Heavily disturbed Dumping impact Vehicular impact				
Dead wood ✓ Plenty Other ✓ Good lateral structure. Hedgerows Cut Hedge With standards Without standards Without standards Hedge Without standards Rivers/Water Bodies Fishing Fishing Heavy Light (not obvious) Bank management Grazed Cut Unmanaged Grazed Cut Disturbance, Damage & Dumping Cotoneaster sp. and planted Leylandii. Heavy amenity use Heavy amenity use Heavily disturbed Dumping impact Vehicular impact Vehicular impact		·-		
Other Hedgerows Cut Hedge With standards Without standards Rivers/Water Bodies Fishing Heavy Light (not obvious) Bank Fenced off management Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Heavy amenity use Heavily disturbed Dumping impact Vehicular impact		ed trees		
Hedgerows Cut Hedge With standards Without standards Without standards Without standards Without standards Without standards Without standards Hedge Without standards Rivers/Water Bodies Fishing Heavy Light (not obvious) Bank Fenced off Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens Heavy amenity use Heavily disturbed Dumping impact Vehicular impact With standards Without standards Unthout standards Without standards Withou	Dead wood		✓	Plenty
Cut Hedge With standards Without standards Rivers/Water Bodies Fishing Heavy Light (not obvious) Bank Fenced off Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens Heavy amenity use Heavily disturbed Dumping impact Vehicular impact	Other		✓	Good lateral structure.
Without standards	Hedgerows			
Uncut Hedge With standards Without standards Without standards Without standards Without standards Without standards Without standards Rivers/Water Bodies Fishing Heavy Light (not obvious) Bank Fenced off Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens Heavy amenity use Heavily disturbed Dumping impact Vehicular impact	Cut Hedge	With standards		
Without standards		Without standards		
Overgrown Hedge Without standards Rivers/Water Bodies Fishing Heavy Light (not obvious) Bank Fenced off Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Heavy amenity use Heavily disturbed Dumping impact Vehicular impact	Uncut Hedge	With standards		
Hedge Without standards Rivers/Water Bodies Fishing Heavy Light (not obvious) Bank Fenced off Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Heavily disturbed Dumping impact Vehicular impact		Without standards		
Rivers/Water Bodies Fishing Heavy Light (not obvious) Bank Fenced off management Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Heavily disturbed Dumping impact Vehicular impact	Overgrown			
Fishing Heavy Light (not obvious) Bank Fenced off Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Heavy amenity use Heavily disturbed Dumping impact Vehicular impact				
Light (not obvious) Bank	Rivers/Water E	Bodies		
Bank management Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens Heavy amenity use Heavily disturbed Dumping impact Vehicular impact Fenced off Unmanaged Cut Cut Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material.	Fishing	Heavy		
management Unmanaged Grazed Cut Disturbance, Damage & Dumping Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Heavy amenity use Children's dens and some dumped material. Heavily disturbed Dumping impact Vehicular impact Vehicular impact Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material. Cotoneaster sp. and planted Leylandii. Cotone				
Grazed Cut Disturbance, Damage & Dumping Invasive aliens Heavy amenity use Heavily disturbed Dumping impact Vehicular impact Grazed Cut Cotoneaster sp. and planted Leylandii. Children's dens and some dumped material.	Bank	Fenced off		
Cut Disturbance, Damage & Dumping Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Heavy amenity use Children's dens and some dumped material. Heavily disturbed Dumping impact Vehicular impact Vehicular impact	management	Unmanaged		
Disturbance, Damage & Dumping Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Heavy amenity use Children's dens and some dumped material. Heavily disturbed Dumping impact Vehicular impact Vehicular impact		Grazed		
Invasive aliens ✓ Cotoneaster sp. and planted Leylandii. Heavy amenity use Children's dens and some dumped material. Heavily disturbed Dumping impact Vehicular impact Vehicular impact	Cut			
Heavy amenity use Heavily disturbed Dumping impact Vehicular impact				
Heavily disturbed Dumping impact Vehicular impact	Invasive aliens		✓	
Heavily disturbed Dumping impact Vehicular impact				Children's dens and some dumped material.
Vehicular impact]
Vehicular impact]
<u> </u>]
	Fly tipping			1
Other]

Management		
What is the current management of the site?		
None		
What management is recommended to maintain / improve the biodiversity of the site?		
Primary	Woodland – none.	
Habitat		
Secondary	Grassland glades - scrub re	emoval/ control. Intensive mowing to control
Habitat	nettle/dock/thistle growth.	
	G	
Other		
Habitats		
Is grazing appropriate for this site?		
No		
Is the site stockproof?		No
Does the site have water for stock?		No
Is the site accessible to a vehicle?		Yes
Was any management discussed with the land owner, and if so, what?		
No		
Other Comments regarding site management		
None		

Phase 1 Habitat Map of Hammond Street Scrub 80/037





	LWS Field Survey Form 2010														
Site Name Grassland S of Ham Scrub		d Street			L	3	2	7	0	4	0		Ţļ		JI:Go
	ber/ID 80/038 Date 12/6/12 Wildlife							we							
Recorder(s)		Time on Site							SIS						
Mark Woods	1			1.25	hou	rs									
Site Size		.2 ha													
Site Ownership	P	rivate													
notes															
Boundary of LWS															
Is the boundary sh	own (on the ma	рсс	rrect	/ser	nsib	le?			Y	'es	√	•	No	
Comments/Amend	Comments/Amendments														
Site survey infor	matic	on													
Main biodiversity	N	leutral gra	sslar	nd											
interest of site															
Habitat – please in site is recognised for		e extent c	of ha	bitats	on	site	e m	ap (the p	orim	ary h	abita	at is	that f	or which the
Primary habitat		leutral gra	sslar	nd											
Secondary Habitat	t B	Broadleave	d wo	odlar	nd										
Other Habitats	Н	ledgerows	3												
	D	ense and	scat	tered	scru	ıb a	nd I	brac	ken						
Comments Interest Features -															
Veteran trees									d			I			
	√	On bour						oun							
Pollarded trees	\checkmark	In wood	alon	gside	• 5	Stee	ep s	lop	es						
		stream.													
Standing/fallen	\checkmark	In wood	alon	gside	I	nva	siv	e sp	ecie	25			✓		malayan
dead wood		stream.												ba	Isam
Sap runs/holes	✓	In wood	alon	gside	F	Pub	lic	acce	ess						
in trees		stream.													
Tussocky	\checkmark	Some de			1	Area	as v	vith	frec	uer	nt/		✓	So	me wet
vegetation		unmana	_		F	orol	ong	ged	floo	ding	9			ho	llows.

Abundant nectar			Seasonally wet/damp	√	Flushed areas
source			areas		at N end.
Varied sward	✓		Earthworks /hummocky		
height			ground		
Anthills	✓	A few in N field.	Ridge and furrow		
Rock outcrops			Other		

Site Description

If there is an existing site description is it still accurate? *Please outline significant changes* Yes

Brief summary of habitats and site context

Two neutral grassland fields separated by a species poor hedgerow. The southern boundary of both fields is a stream flanked by broadleaved woodland. The northernmost field is bounded by dense scrub to the north with scattered scrub and a bracken stand at the western end. The southernmost field is bounded to the south and west by woodland. Both fields appear to be old pastures.

Habitat detail (including notable species)

Northernmost field: The south of this field is an unmanaged rank, tussocky, species poor NVC MG1 type grassland dominated by Yorkshire fog and meadow foxtail with nettles and creeping thistle with a sward approximately 75cm high and a dense thatch. At the northern and western ends the sward is a neglected NVC MG5 type grassland. It is species-rich with flushed areas where glaucous sedge, hairy sedge and fleabane are present. This area also includes scattered shrubs and trees and a patch of bracken.

The southern field is comparatively species-poor. It has apparently had some agricultural improvement but still has some patches of interest including common bent and sheep's sorrel. Near to the wooded edge, tall herbs such as nettle and Himalayan balsam are abundant and replace grasses. Other areas are dominated by false oat grass or a Yorkshire fog/ryegrass/crested dog's tail mixture.

Scrubby hedges and outgrowths of scrub, large broadleaved trees on the boundaries and dense/scattered scrub enhances the nature conservation interest.

This site qualifies as a neutral grassland LWS on the basis that 18 Indicator Species were recorded (at least 8 are required to qualify).

Non-botanical interest Good nesting bird habitat.			

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)						
Compared to previous	Compared to previous descriptions					
Primary habitat	Neutral grassland: unf	avourab	le - de	clining		
Secondary habitat	Other habitats: favour	able - sta	able			
Other habitat						
Comments/Explanation	on of Condition					
Neutral grassland need	ls topping and grazing.					
Late Manager		1.77			L MOS	
Is this site a good exa	-	Yes	✓	No	In part – MG5 component	
type in Hertfordshire?					and hedges.	
Will the current manage	gement retain the	Yes		No	✓	
biodiversity value of t	biodiversity value of the site?					
Does the site have potential to improve Yes ✓ No						
with different management?						
Is further survey work	required? E.g	Yes		No	✓	
invertebrates, birds						

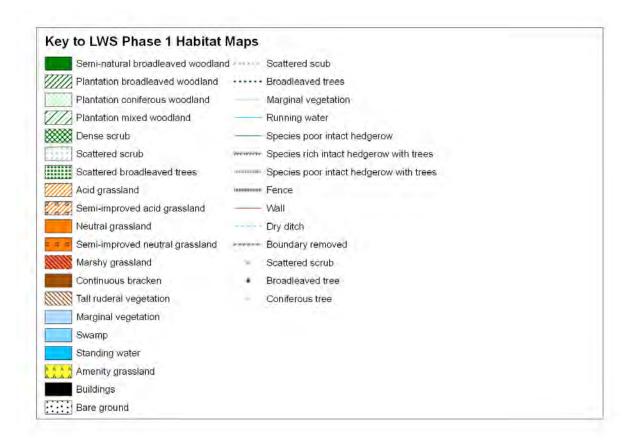
Site Man	agement				
Type of n	Type of management/Condition			Tick Box	Details/Comments
Grasslan	d/Wetland				
Unmanag	ged			✓	North field
Grazed	cattle	cattle sheep			South field
	horse	√	mixed		
	Over-gr	azed			
	Under-g	jraze	d	✓	
Cut	Mown	Mown			
	Hay cut		Silage cut		
	Freque	nt mo			
	Hay cut	& af	termath		
	grazing				
Scrub		S	cattered		
Encroach	nment		5%		
		5.	-20%		
		>	20%	✓	
Herbicide	e/pesticide	e/ferti	liser use		
Planting	of trees				
Other					
Woodland	<u> </u>				
Unmanag	Unmanaged Woodland		√		
High Fore	est				
Active co		some	standards		

	no standards		
	Abandoned coppice		
	d pasture/parkland		
	sture/parkland		
Pollarded Woo	odland		Old coppice stools alongside stream.
Exotics / Orna	mentals		
Game manage	ment		
Woodland clea			
Woodland ride	es		
Recently plant	ed trees		
Dead wood		\checkmark	In wood and hedges – elm.
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards	\checkmark	
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		Banks of stream not fenced but impenetrable in
management	Unmanaged	✓	many areas.
	Grazed]
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
	Heavily disturbed		
Dumping impa	nct		
Vehicular impa	act		
Fly tipping			
Other			

Management							
	urrent management of the	site?					
Partly grazed.							
, 0							
What manage	amont is recommended to	naintain / improve the biodiversity of the cite?					
vviiat ilialiage	ement is recommended to i	maintain / improve the biodiversity of the site?					
Primary	Topping first, then graze at high intensity to reduce sward. Follow up with long-term						
Habitat	low intensity grazing.						
Secondary	Selective scrub control.	a44' a. a.					
Habitat	Bracken control – repeated	cutting.					
Other Habitats							
парнаіз							
Is grazing ap Yes	propriate for this site?						
162							
Is the site sto	ockproof?	In part					
Does the site	have water for stock?	In part					
Is the site ac	cessible to a vehicle?	In part					
Was any mar	nagement discussed with th	ne land owner, and if so, what?					
No	J	,					
Other Comm None	ents regarding site manage	ement					
None							

Phase 1 Habitat Map of Grassland S of Hammond Street Scrub 80/038





LWS Field Survey Form 2010										
Site Name				Grid R	eference					
Grassland SE of Ha	mmo	nd Street		T L	3 2 8 0	4 0				
Site Number/ID 80/	039	Date 12/6/12							11.0	
Recorder(s)			Time on Site Wildlife							
Mark Woods				1 hour TRUSTS						
Site Size	().97 ha							_	
Site Ownership	ı	Private					I			
notes										
Boundary of LWS										
Is the boundary sh	own	on the ma	ар с	orrect/s	ensible?	Yes	✓	No		
Comments/Amend	men	ts								
Site survey infor	mati	on								
Main biodiversity	1	Neutral gra	ssla	nd						
interest of site										
Habitat – please in		te extent d	of ha	bitats o	on site map (the pri	imary ha	abitat is	that f	or which the	
site is recognised for Primary habitat		Neutral gra	ıssla	nd						
Secondary Habitat	t I	Broadleave	ed wo	oodland						
Other Habitats	I	Dense scru	ıb							
	I	Hedgerows	3							
	Ī	Running wa	ater							
Comments										
					-					
Interest Features -	-									
Veteran trees	√	In wood	land		Bare ground		√	Sm	nall areas	
Pollarded trees	√				Steep slopes					
Standing/fallen	√				Invasive species	i				
dead wood										
Sap runs/holes	✓				Public access		√	PR	OW	
in trees										
Tussocky	✓	Small pa	atche	es	Areas with frequ	ent/				
vegetation					prolonged floodi	ng				
Abundant nectar					Seasonally wet/o	lamp	√	We	et	

source			areas	soils/flushed		
Varied sward	√		Earthworks /hummocky			
height			ground			
Anthills			Ridge and furrow			
Rock outcrops			Other			
Site Description						
If there is an existing site description is it still accurate? Please outline significant changes Yes						
Brief summary of habitats and site context Neutral grassland pasture bounded by broad-leaved woodland and scrub/overgrown hedges.						
sward with occasio where MG1 grassla Some seasonally wotherwise crested daisy and Yorkshire limited.	IVC typnal mo and is pret area log's-tage	be MG5 pasture. Lighter coarse tussocky parties on the coarse tussocky parties on the common fleating and common knaps Sward height approximals.	tly grazed by a single horse. atches, particularly close to bo 3m wide and merging into the abane and creeping bent becoveed are constant, with frequentately 30 cm, thatch is minim	oundary features, e MG5 grassland. ome prevalent, ent red fescue, ox-eye al and bare ground is		
		nature woodland on b Excellent mosaic of	oundaries enhance the intere habitats.	st. Veteran hornbeam		
This site qualifies as a neutral grassland LWS on the basis of 12 Indicator Species being recorded (at least 8 is required to qualify).						
Non-botanical inte						

Site Condition (favor	urable/unfavourable,	and stab	ole/de	clining/r	recovering where possible)	
Compared to previous	s descriptions					
Primary habitat	Neutral grassland: fav	vourable	– stab	ole		
Secondary habitat	Broadleaved woodlar	nd: favou	rable -	- declinir	ng	
Other habitat	Hedgerows and scrub	o: favoura	able –	stable		
Comments/Explanation	on of Condition					
Woodland: Too much	shade and dumping of	horse ma	anure	in the vio	cinity of the hornbeam pollards.	
Is this site a good exa	ample of its habitat	Yes		No		
	-	163	V	140		
type in Hertfordshire?						
Will the current mana		Yes	✓	No		
biodiversity value of t	biodiversity value of the site?					
Does the site have potential to improve Yes ✓ No						
with different management?						
Is further survey work	required? E.g	Yes		No	✓	
invertebrates, birds						

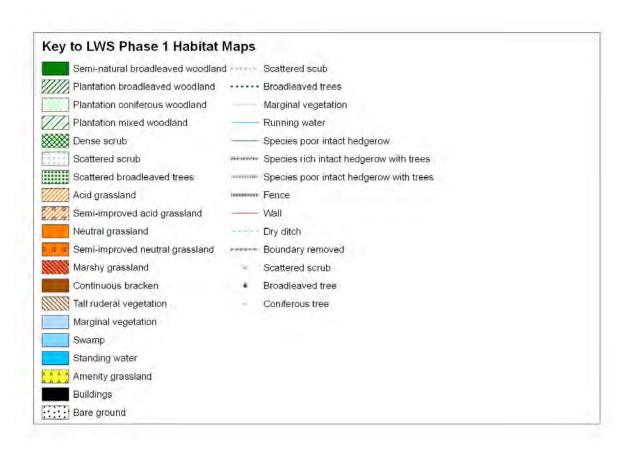
Site Man	agement	t			
Type of m			ondition	Tick Box	Details/Comments
Grassland	d/Wetland	t			
Unmanag	ed				
Grazed	cattle sheep			1 horse	
	horse	✓	mixed		
	Over-gr	azec			
	Under-g	graze	ed		
Cut	Mown				
	Hay cut	t	Silage cut		
	Frequent mowing				
	Hay cut	: & a	termath		
	grazing				
Scrub		(0	Scattered		
Encroach	ment	<	:5%		
		5	-20%	√	
		>	20%		
Herbicide	/pesticide	e/fert	iliser use		
Planting of	of trees				
Other					
Woodland					
Unmanag	Unmanaged Woodland			✓	
High Fore	st				
Active co		some	standards		

	no standards		
Abandoned co	ppice		
Managed wood pasture/parkland			
	sture/parkland		
Pollarded Woo	odland	\checkmark	
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	ut Hedge With standards		
	Without standards		
Overgrown	With standards	✓	
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off	\checkmark	Stream surrounded by trees.
management	Unmanaged		
	Grazed		
Cut			
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily disturbed			
	Dumping impact		
Vehicular impa	act		
Fly tipping			
Other			

Management						
What is the current management of the site?						
Horse grazing.						
What manage	ement is recommended to r	maintain / improve the biodiversity of the site?				
Primary	Continue with current mana	gement.				
Habitat						
Secondary	Reduce shading from aroun	nd hornbeam pollards. Deposit horse manure elsewhere.				
Habitat	3 1 11 11					
Other						
Habitats						
	1.4.6.411.41.0					
Is grazing ap Yes	propriate for this site?					
163						
Is the site sto	ockproof?	Yes				
	have water for stock?	Yes				
Is the site ac	cessible to a vehicle?	Yes				
Was any management discussed with the land owner, and if so, what?						
No						
	ents regarding site manage	ement				
None						

Phase 1 Habitat Map of Grassland SE of Hammond Street 80/039





LWS Field Survey Form 2010								
Site Name Meadow West of Tudor	r Villas		Grid Reference T L 3 2 9 0 3 0					
Site Number/ID 80/044	4		Date 9/5/12					
Recorder(s)			Time on Site		u	rla	lttje	
Mark Woods			1 hour			RU	STS	
Site Size	2.4 ha							
Site Ownership	Private							
notes								
Boundary of LWS								
Is the boundary show	n on the ma	ар сс	orrect/sensible? √	Yes	✓	No		
Comments/Amendme	nts							
Site survey informa	tion							
Main biodiversity	Neutral gra	sslaı	nd					
interest of site								
	ate extent o	of ha	bitats on site map (the pri	imary ha	bitat is	that f	or which the	
site is recognised for) Primary habitat	Neutral gra	ssland						
Secondary Habitat	Standing w	ater	er					
Other Habitats	Species-pc	oor hedge with trees						
Comments								
Interest Features – pl	ease indica	te lo	cation on site man					
Veteran trees		10 10	Bare ground		√			
Pollarded trees				Steep slopes				
Standing/fallen			Invasive species					
dead wood								
Sap runs/holes			Public access					
in trees								
Tussocky			Areas with frequ					
vegetation			prolonged floodi	ng		\perp		
Abundant nectar			Seasonally wet/o	lamp				

Varied sward height ground Ridge and furrow Ridge and furrow Other Site Description If there is an existing site description is it still accurate? Please outline significant change: Less scrub in the field than is described in previous reports, but otherwise accurate. Brief summary of habitats and site context Horse-grazed neutral grassland with a pond in the southwest corner. Species-poor hedges and trees run along the northern and southern boundaries Site is situated in a semi-built up area. There are glasshouses to the immediate west and residential properties to the east. Small pastures to the north and south. Habitat detail (including notable species) Grassland is NVC MG5 and has a varied sward including typical species of clay. Sward is very short with gaps and poached areas created by heavy grazing. Pond has good water clarity, but is heavily shaded by crack willow coppice stools. No marginal vegetation. Submerged vegetation may be present but water was too deep to sample. Hedges are thick and bushy but not stockproof. They are dominated by hawthorn with peduncula oak and elder also present. With 9 Grassland Indicator Species, the site meets the criteria for a neutral grassland LWS (at lea 8 species are required).	source	areas				
Anthills Rock outcrops Other Site Description If there is an existing site description is it still accurate? Please outline significant changes. Less scrub in the field than is described in previous reports, but otherwise accurate. Brief summary of habitats and site context Horse-grazed neutral grassland with a pond in the southwest corner. Species-poor hedges and trees run along the northern and southern boundaries Site is situated in a semi-built up area. There are glasshouses to the immediate west and residential properties to the east. Small pastures to the north and south. Habitat detail (including notable species) Grassland is NVC MG5 and has a varied sward including typical species of clay. Sward is very short with gaps and poached areas created by heavy grazing. Pond has good water clarity, but is heavily shaded by crack willow coppice stools. No marginal vegetation. Submerged vegetation may be present but water was too deep to sample. Hedges are thick and bushy but not stockproof. They are dominated by hawthorn with peduncula oak and elder also present. With 9 Grassland Indicator Species, the site meets the criteria for a neutral grassland LWS (at lea 8 species are required).	Varied sward	Earthworks /hummocky				
Site Description If there is an existing site description is it still accurate? Please outline significant changes. Less scrub in the field than is described in previous reports, but otherwise accurate. Brief summary of habitats and site context Horse-grazed neutral grassland with a pond in the southwest corner. Species-poor hedges and trees run along the northern and southern boundaries Site is situated in a semi-built up area. There are glasshouses to the immediate west and residential properties to the east. Small pastures to the north and south. Habitat detail (including notable species) Grassland is NVC MG5 and has a varied sward including typical species of clay. Sward is very short with gaps and poached areas created by heavy grazing. Pond has good water clarity, but is heavily shaded by crack willow coppice stools. No marginal vegetation. Submerged vegetation may be present but water was too deep to sample. Hedges are thick and bushy but not stockproof. They are dominated by hawthorn with peduncula oak and elder also present. With 9 Grassland Indicator Species, the site meets the criteria for a neutral grassland LWS (at leas 8 species are required).	height	ground				
Site Description If there is an existing site description is it still accurate? Please outline significant changes. Less scrub in the field than is described in previous reports, but otherwise accurate. Brief summary of habitats and site context Horse-grazed neutral grassland with a pond in the southwest corner. Species-poor hedges and trees run along the northern and southern boundaries Site is situated in a semi-built up area. There are glasshouses to the immediate west and residential properties to the east. Small pastures to the north and south. Habitat detail (including notable species) Grassland is NVC MG5 and has a varied sward including typical species of clay. Sward is very short with gaps and poached areas created by heavy grazing. Pond has good water clarity, but is heavily shaded by crack willow coppice stools. No marginal vegetation. Submerged vegetation may be present but water was too deep to sample. Hedges are thick and bushy but not stockproof. They are dominated by hawthorn with peduncula oak and elder also present. With 9 Grassland Indicator Species, the site meets the criteria for a neutral grassland LWS (at leas species are required).	Anthills	Ridge and furrow				
If there is an existing site description is it still accurate? Please outline significant changes. Less scrub in the field than is described in previous reports, but otherwise accurate. Brief summary of habitats and site context Horse-grazed neutral grassland with a pond in the southwest corner. Species-poor hedges and trees run along the northern and southern boundaries Site is situated in a semi-built up area. There are glasshouses to the immediate west and residential properties to the east. Small pastures to the north and south. Habitat detail (including notable species) Grassland is NVC MG5 and has a varied sward including typical species of clay. Sward is very short with gaps and poached areas created by heavy grazing. Pond has good water clarity, but is heavily shaded by crack willow coppice stools. No marginal vegetation. Submerged vegetation may be present but water was too deep to sample. Hedges are thick and bushy but not stockproof. They are dominated by hawthorn with peduncula oak and elder also present. With 9 Grassland Indicator Species, the site meets the criteria for a neutral grassland LWS (at leas species are required).	Rock outcrops	Other				
If there is an existing site description is it still accurate? Please outline significant changes. Less scrub in the field than is described in previous reports, but otherwise accurate. Brief summary of habitats and site context Horse-grazed neutral grassland with a pond in the southwest corner. Species-poor hedges and trees run along the northern and southern boundaries Site is situated in a semi-built up area. There are glasshouses to the immediate west and residential properties to the east. Small pastures to the north and south. Habitat detail (including notable species) Grassland is NVC MG5 and has a varied sward including typical species of clay. Sward is very short with gaps and poached areas created by heavy grazing. Pond has good water clarity, but is heavily shaded by crack willow coppice stools. No marginal vegetation. Submerged vegetation may be present but water was too deep to sample. Hedges are thick and bushy but not stockproof. They are dominated by hawthorn with peduncula oak and elder also present. With 9 Grassland Indicator Species, the site meets the criteria for a neutral grassland LWS (at leas species are required).	Site Description					
Horse-grazed neutral grassland with a pond in the southwest corner. Species-poor hedges and trees run along the northern and southern boundaries Site is situated in a semi-built up area. There are glasshouses to the immediate west and residential properties to the east. Small pastures to the north and south. **Habitat detail (including notable species)** Grassland is NVC MG5 and has a varied sward including typical species of clay. Sward is very short with gaps and poached areas created by heavy grazing. Pond has good water clarity, but is heavily shaded by crack willow coppice stools. No marginal vegetation. Submerged vegetation may be present but water was too deep to sample. Hedges are thick and bushy but not stockproof. They are dominated by hawthorn with peduncula oak and elder also present. With 9 Grassland Indicator Species, the site meets the criteria for a neutral grassland LWS (at leas species are required).						
Grassland is NVC MG5 and has a varied sward including typical species of clay. Sward is very short with gaps and poached areas created by heavy grazing. Pond has good water clarity, but is heavily shaded by crack willow coppice stools. No marginal vegetation. Submerged vegetation may be present but water was too deep to sample. Hedges are thick and bushy but not stockproof. They are dominated by hawthorn with peduncula oak and elder also present. With 9 Grassland Indicator Species, the site meets the criteria for a neutral grassland LWS (at leas 8 species are required).	Horse-grazed neutral grassland with a pond in the southwest corner. Species-poor hedges and trees run along the northern and southern boundaries Site is situated in a semi-built up area. There are glasshouses to the immediate west and					
oak and elder also present. With 9 Grassland Indicator Species, the site meets the criteria for a neutral grassland LWS (at leas species are required).	Grassland is NVC MG5 and has a varied sward including typical species of clay. Sward is very short with gaps and poached areas created by heavy grazing. Pond has good water clarity, but is heavily shaded by crack willow coppice stools. No marginal					
8 species are required).	•	it not stockproof. They are dominated by haw	thorn with pedunculate			
Non-botanical interest		ecies, the site meets the criteria for a neutral g	rassland LWS (at least			
Non-botanical interest						
Non-botanical interest						
	Non-hotanical interest					

Site Condition (favor	urable/unfavourable, a	and stab	le/de	clining/re	ecovering where possible)
Compared to previous	s descriptions				
Primary habitat	Neutral grassland: unf	favourab	le – st	able.	
Secondary habitat	Standing water: favou	rable – s	stable		
Other habitat	Species poor hedgero	w: unfav	ourab	le - stabl	е
Comments/Explanation	on of Condition				
Neutral grassland is cu	rrently heavily grazed.				
Hedgerow requires layi	ng.				
Is this site a good exa	mple of its habitat	Yes	✓	No	
type in Hertfordshire?	•				
Will the current mana	gement retain the	Yes	✓	No	
biodiversity value of the site?					
Does the site have potential to improve Yes ✓ No					
with different management?					
Is further survey work	required? E.g	Yes		No	✓
invertebrates, birds					

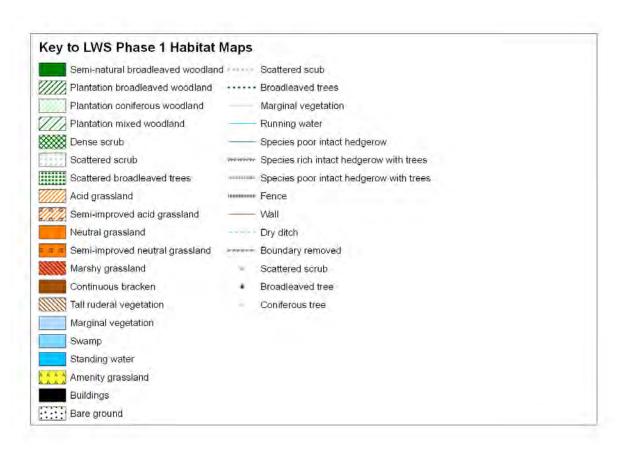
Site Management						
Type of management/Condition				Tick Box	Details/Comments	
Grassland	d/Wetland	ı				
Unmanag	ed					
Grazed	cattle		sheep		Grassland needs a period with no grazing.	
	horse	√	mixed			
	Over-gr	azed		✓		
	Under-g	graze	d			
Cut	Mown					
	Hay cut Silage cut					
	Freque	nt mo	owing		7	
	Hay cut	& af	termath		7	
	grazing					
Scrub		S	cattered		A few small bramble patches.	
Encroach	ment	<	5%	✓		
		5	-20%		7	
		>	20%		7	
Herbicide	/pesticide	e/fert	iliser use			
Planting of						
Other						
Woodland				•		
Unmanag	ed Wood	land				
High Forest						
Active co		some	standards			

no standards			
Abandoned co	ppice		
	d pasture/parkland		
Relic wood pa	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ted trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards	\checkmark	
Hedge	Without standards		
Rivers/Water B	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		Pond is open to horse grazing but water is clear and
management	Unmanaged		not disturbed.
	Grazed	\checkmark	
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			_
Heavily disturbed			
	Dumping impact		_
Vehicular impa	act		_
Fly tipping			_
Other			

Management						
	urrent management of the	site?				
Horse grazing	Horse grazing.					
What manage	ement is recommended to I	maintain / improve the biodiversity of the site?				
Primary	Reduced grazing to allow sv	ward structure to develop.				
Habitat						
Casandami	Commiss and describer on a con-					
Secondary Habitat	Coppice crack willows arou	na pona.				
iabitat						
Other	Lay hedges.					
Habitats	, 0					
	propriate for this site?					
Yes						
Is the site sto	ockproof?	Yes				
Does the site	have water for stock?	Yes				
Is the site ac	Is the site accessible to a vehicle? Yes					
Was any management discussed with the land owner, and if so, what?						
No						
Other Comm	ents regarding site manage	ement				
None						

Phase 1 Habitat Map of Meadow West of Tudor Villas 80/044





LWS Field Survey Form 2010							
Site Name			Reference	•			(4)
Longmead Farm Meadows		Т	L 3 2	8 0	3 6		
Site Number/ID 80/	Date	4/5/12		1	THE	1 11.6	
Recorder(s)	Time	Time on Site					
	1.5 h	1.5 hours TRUSTS					
Site Size	1.88 ha						
Site Ownership	Private	rivate					
notes							
Boundary of LWS							
Is the boundary sh	own on the	map correct	/sensible?		Yes	✓	No
Comments/Amend	ments						
Site survey infor	mation						
Main biodiversity	Grasslan	ıd					
interest of site							
Habitat – please in site is recognised for		t of habitats	on site m	ap (the p	rimary hal	oitat is t	hat for which the
Primary habitat		rassland					
Secondary Habitat	Hedgero	ws with trees	s (both spe	cies-rich	and poor)		
Other Habitats	Dense so	crub					
	Scattere	Scattered woodland and scrub					
	Standing	and running	nd running water				
Comments							
Interest Features -	- please indi	cate locatio	n on site m	ap			
Veteran trees	<u> </u>	an oak	Bare gr	-			
Pollarded trees	✓ · · · · · · · · · · · · · · · · · ·						
Standing/fallen	▼		Steep slopes Invasive species		<u> </u>		
dead wood	•	invasive species					
Sap runs/holes	√		Public a	access			
in trees	•						
Tussocky	✓		Areas v	vith freq	uent/	√	Small pond
vegetation			prolong	ged flood	ding		
Abundant nectar	✓		Season	ally wet	/damp	√	Flushed areas
source			areas				throughout.

Varied sward	√		Earthworks /hummocky				
height	•		ground				
Anthills			Ridge and furrow				
Rock outcrops			Other				
•			Other				
Site Description	ina sit	a description is it st	ill accurate? Please outline	sianif	icant changes		
2008 survey descrip	If there is an existing site description is it still accurate? Please outline significant changes 2008 survey description is reasonable but does not mention the extent of scrub development, flushing and tall herb stands. Also no mention of veteran oak.						
Brief summary of habitats and site context Neutral grassland with extensive dense scrub, particular along the western and northern edges, and a small pond towards the centre. Site is bounded by hedgerows, which are species-rich along the north and south boundaries. A veteran oak is present towards the centre of the site.							
Habitat detail (incl							
			Includes false oat grass, coc				
			hose that are indicative of dar tail. Grassland merges with s				
		d nettle, hemlock and		tariao .	or tall radoral		
the wetter area thes	se are s are n	composed of wetter so longer stockproof.	he grassland to form dense s pecies, on the drier areas bla The northern boundary is a di	ckthori	n and bramble.		
This site meets the more are required).		a for a grassland LWS	as 13 Indicator Species have	e been	recorded (8 or		
Non-beterit							
Non-botanical inte		itat.					
	.5	· · · · ·					

Site Condition (favor	urable/unfavourable, a	and stab	le/de	clining/r	recovering where possible)
Compared to previous	s descriptions				
Primary habitat	Neutral grassland: unf	avourab	le – d	eclining	
Secondary habitat	Hedgerows: unfavoura	able – de	clinin	g	
Other habitat	Dense scrub: favoural	ole – sta	ble		
Comments/Explanation	on of Condition				
Site generally neglected	d.				
Is this site a good exa	mnle of its habitat	Yes		No	√
type in Hertfordshire?	-	100			\
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		NI -	
Will the current mana		Yes		No	✓
biodiversity value of the site?					
Does the site have potential to improve Yes ✓ No					
with different management?					
Is further survey work	Yes		No	✓	
invertebrates, birds					

Site Man	Site Management					
Type of management/Condition			/Condition	Tick Box	Details/Comments	
Grassland	d/Wetlar	nd				
Unmanag	ed			✓		
Grazed	cattle		sheep			
	horse		mixed			
	Over-	graz	ed			
	Under	-gra	zed			
Cut	Mown					
	Hay c	ut	Silage cut			
	Frequ	ent i	nowing			
	Hay c	ut &	aftermath			
	grazin	ıg				
Scrub			Scattered			
Encroach	ment		<5%			
			5-20%			
			>20%	✓		
Herbicide	/pestici	de/fe	ertiliser use			
Planting of						
Other						
Woodland						
Unmanaged Woodland			d	√	Standards	
High Forest						
Active co	ppice	sor	ne standards			
		no	standards			

Abandoned co			
Managed woo	d pasture/parkland		
	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride	•		
Recently plant	ed trees		
Dead wood		\checkmark	
Other			
Hedgerows			
Cut Hedge	With standards		
_	Without standards		
Uncut Hedge	With standards	\checkmark	
	Without standards		
Overgrown	With standards	\checkmark	
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily disturbed			
Dumping impa	ıct		
Vehicular impa	act		
Fly tipping		✓	
Other			

Management								
What is the current management of the site?								
None								
What management is recommended to maintain / improve the biodiversity of the site?								
What manage		maintain / improve the bloarversity of the site:						
Primary	Topping and scrub clearance	A.						
Habitat	Grazing and harrowing.							
	· ·							
Secondary	Hedge laying.							
Habitat								
Other	Control of completed mid	laral apocina						
Habitats	Control of scrub and tall rud	ierai species.						
riabitato								
Is grazing ap	propriate for this site?							
Yes								
Is the site sto	ocknroof?	Yes						
	have water for stock?	Yes						
	cessible to a vehicle?	Yes						
		ne land owner, and if so, what?						
No	iagement discussed with tr	ie land owner, and it so, what?						
Other Comm	ents regarding site manage	ement						

Phase 1 Habitat Survey of Longmead Farm Meadows 80/046





LWS Field Survey Form 2010												
Site Name		Grid Reference										
Meadow by Park House				T L	T L 3 3 9 0 4 4							
Site Number/ID 80/	047			Date 29	9/5/12	THE •	1 11 (
Recorder(s)		Time on Site wildlife									alite	
Mark Woods				1 hour TRUSTS								
Site Size	1	.4 ha										
Site Ownership	L	Local Authority										
notes												
Boundary of LWS												
Is the boundary shown on the map correct/sensible? Yes √ No												
Comments/Amend	ment	S								<u> </u>		
Site survey infor	matic	n										
Main biodiversity	N	leutral gra	ssla	nd								
interest of site												
Habitat – please in		e extent o	of ha	bitats o	n site m	ap (1	the p	orima	ary h	abitat	is tha	at for which the
site is recognised for Primary habitat		leutral gra	ssla	nd								
Secondary Habitat	: 	ledgerows	(sp	ecies-rich	n and sp	ecie	s-po	or)				
Other Habitats	S	cattered b	roac	dleaved v	voodlan	d						
Comments												
Comments												
Interest Features -	- plea	se indica	te lo	cation o	n site n	nap						
Veteran trees	\checkmark	Oak			Bare g	roun	d					
Pollarded trees					Steep	slope	es					
Standing/fallen	✓	In hedge	es	Invasive species								
dead wood												
Sap runs/holes					Public	acce	ess			✓		
in trees												
Tussocky	√				Areas	with	freq	uen	t/			
vegetation					prolon	ged f	floo	ding				
Abundant nectar	√			Seasonally wet/damp								

source		areas						
Varied sward		Earthworks /hummocky						
height		ground						
Anthills		Ridge and furrow						
Rock outcrops		Other						
Site Description If there is an exist Yes	ing site description is i	t still accurate? <i>Please outline s</i>	ignificant changes					
Brief summary of habitats and site context Neutral grassland bounded by scrubby hedgerows and trees with scattered broadleaved woodland in central areas. Sward ranges from 30 – 70cm with paths cut through it.								
Habitat detail (including notable species) Fine-sward grassland dominated by red and meadow fescue and with a good range of other grasses including Yorkshire fog, ryegrass, meadow foxtail, common bent, sweet vernal grass and field wood-rush. Herbs are common but never more than frequent, and include common sorrel, red clover, lesser stitchwort, bird's-foot trefoil, bugle and common cat's-ear. The site meets the criteria for a neutral grassland LWS with 13 Indicator Species recorded (at least 8 are required).								
Non-botanical int Scrubby hedges p	erest rovide good nesting bird l	nabitat.						

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)									
Compared to previous descriptions									
Primary habitat	Neutral grassland: fav	ourable	- stab	le					
Secondary habitat	Hedgerows: favourabl	e - stabl	е						
Other habitat	Scattered broadleaved	Scattered broadleaved woodland: favourable - stable							
Comments/Explanation	on of Condition								
Is this site a good exa	mple of its habitat	Yes	√	No					
type in Hertfordshire?	•								
Will the current mana	gement retain the	Yes	√	No					
biodiversity value of t	he site?								
Does the site have po	tential to improve	Yes		No	✓				
with different manage	ment?								
Is further survey work	✓								
invertebrates, birds									
			•	•	•				

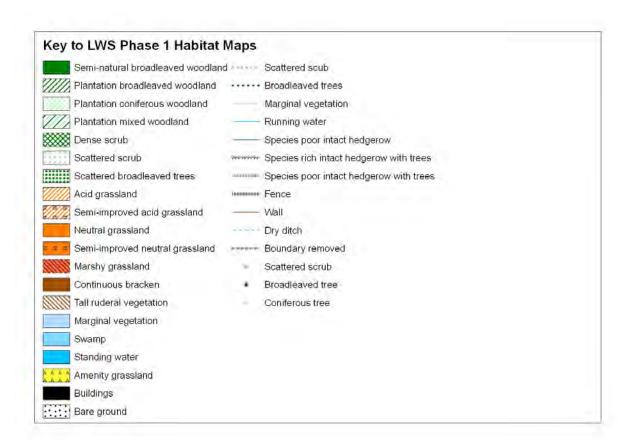
Site Man	Site Management								
Type of management/Condition				Tick Box	Details/Comments				
Grassland	d/Wetlar	nd							
Unmanaged									
Grazed	cattle		sheep						
	horse		mixed						
	Over-g	graze	ed						
	Under	-gra	zed						
Cut	Mown								
	Hay cı	ut	✓ Silage cut						
	Frequent mowing								
			aftermath						
	grazin								
Scrub			Scattered						
Encroach	ment		<5%						
			5-20%						
			>20%						
		de/fe	rtiliser use						
Planting of	of trees			✓	Scattered				
Other	Other								
Woodland									
Unmanag	ed Woo	dlan	d						
High Fore	st								
Active co	ppice	son	ne standards						

	no standards		
Abandoned co	ppice		
	d pasture/parkland		
	sture/parkland		
Pollarded Woo			
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ted trees		
Dead wood			
Other		<u></u>	
Hedgerows			
Cut Hedge	With standards	√	
	Without standards		
Uncut Hedge	Hedge With standards		
	Without standards		
Overgrown	With standards	✓	
Hedge	Without standards		
Rivers/Water B	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily distur			
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management								
	What is the current management of the site?							
Hay meadow								
What manage	ement is recommended to a	maintain / improve the biodiversity of the site?						
vviiat illanag		manitani, miprovo tilo biodivorotty or tilo otto						
Primary		ent. Biodiversity may improve if aftermath grazing is						
Habitat	ntroduced. Alternatively could consider a second cut every other year (September)							
	and chain harrow every 3-4	years to open up the sward.						
Secondary	Lay hedges.							
Habitat	_a, neages.							
Other								
Other Habitats								
парнаіз								
Is grazing ap	propriate for this site?							
Yes – afterma								
		T						
Is the site sto	ockproof?	Yes						
	have water for stock?	No						
	cessible to a vehicle?	Yes						
	nagement discussed with th	he land owner, and if so, what?						
No								
	ents regarding site manage	ement						
Amenity paths	s cut through the grassland.							

Phase 1 Habitat Map of Meadow by Park House 80/047





LWS Field Survey Form 2010																
Site Name		Grid Reference														
Bonney Grove Wood	b	T L 3 4 1 0 2 3														
Site Number/ID 80/	058	Date 30/5/12														
Recorder(s)		Time on Site wildlife														
Mark Woods				TRUSTS												
Site Size	4	23 ha														
Site Ownership	Р	Private														
notes																
Boundary of LWS																
Is the boundary shown on the map correct/sensible? Yes √ No																
Comments/Amend	ments	S								!						
Site survey information																
Main biodiversity	V	/oodland														
interest of site																
Habitat – please in site is recognised fo	Habitat – please indicate extent of habitats on site map (the primary habitat is that for which the site is recognised for)										the					
Primary habitat		roadleave	d Wo	odla	and											
Secondary Habitat	R	unning W	ater													
Other Habitats																
Comments																
Interest Features –	nloa	so indica	to lo	aatid	on 0	n cit	o m	an								
								_	<u>.</u>					10.	n drier	
Veteran trees	√	Near - v	etera	.[1]		Bar	e gro	oun	u				V			c
															ound (leaf	I
Pollarded trees						Cto		1000						Ш	er).	
		Disenter				Stee	-							C		
Standing/fallen	\checkmark	Plenty				Inva	ISIVE	e sp	ecie	es			✓		owberry	
dead wood															ally	
						<u> </u>									undant	
Sap runs/holes	√	On large	er tre	es		Pub	iic a	icce	SS				√	Lir	nited	
in trees																
Tussocky						Area	as w	/ith	freq	uer	nt/		√			

vegetation	prolonged flooding		
Abundant nectar	Seasonally wet/damp	√	
source	areas		
Varied sward	Earthworks /hummocky		
height	ground		
Anthills	Ridge and furrow		
Rock outcrops	Other		
Site Description			

Site Description

If there is an existing site description is it still accurate? Please outline significant changes Yes

Brief summary of habitats and site context

High forest of ash/hornbeam on damp to wet soils with stream running through centre.

Habitat detail (including notable species)

Woodland quite heavily shaded, near continuous cover of standards with ash abundant throughout, and pedunculate oak locally prominent, particularly to the south. Understorey is sparse – hawthorn and regenerating hornbeam. Alder woodland is locally prominent around stream and locally crack and hybrid crack willows are present. Field layer is most prevalent around streams and is also most diverse in those areas where nettle is less abundant. Many areas of the wood are heavily shaded and have leaf litter only on the field layer. Where present in discrete stands, field layer is composed of ramsons, lesser celandine, redcurrant, wood sedge, and wood speedwell.

LWS criteria:

Over 2 ha in size and supports > 10 Ancient Woodland Indicators (20 recorded) so site qualifies as LWS.

Non-botanical interest Birds Badger	
Dodgor	
Bauger	

Site Condition (favor	urable/unfavourable, a	and stab	ole/de	clinina/r	ecovering where possible)				
Compared to previous descriptions									
Primary habitat	Broadleaved woodland	d: unfav	ourabl	e - decli	ning				
Secondary habitat	Running water: unfavo	Running water: unfavourable - declining							
Other habitat									
Comments/Explanation	on of Condition								
Continuous canopy pro	vides too much shade,	suppres	sing u	nderstor	y and field layer. Also				
disturbance in parts has	s created extensive net	tle beds.							
Stream is suffering fron	n eutrophication.								
Is this site a good exa	imple of its habitat	Yes	\checkmark	No					
type in Hertfordshire?	•								
Will the current mana	gement retain the	Yes		No	✓				
biodiversity value of t	he site?								
Does the site have po	tential to improve	Yes	√	No					
with different manage									
Is further survey work	required? E.g	Yes		No	✓				
invertebrates, birds									

Site Mar	nagemen	nt			
Type of management/Condition				Tick Box	Details/Comments
Grasslan	d/Wetlan	d			
Unmana	ged				
Grazed	cattle		sheep		
	horse		mixed		
	Over-g	razed			
i	Under-	graze	d		
Cut	Mown				
	Hay cu	ıt	Silage cut		
	Freque				
			termath		
	grazing	g			
Scrub		S	cattered		
Encroacl	nment	<	5%		
		5	-20%		
			20%		
		le/fert	iliser use		
Planting	of trees				
Other					
Woodland					
Unmanaged Woodland				\checkmark	
High Forest				√	
Active co	ppice	some	standards		
		no sta	andards		

Abandoned coppice		√	
Managed wood	Managed wood pasture/parkland		
Relic wood pa			
Pollarded Woo	odland		
Exotics / Orna	mentals	✓	Snowberry
Game manage	ment		
Woodland clea			
Woodland ride	_		
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
Disturbance, D	Damage & Dumping		
Invasive aliens	3	√	Snowberry
Heavy amenity	use		Back gardens have access gates
Heavily disturbed			Back gardens have access gates.
Dumping impa		✓	From back gardens. Also agricultural materials
Vehicular impa	act		including dumped vehicles. Garden waste is locally
Fly tipping		√	abundant.
Other			1

Management						
	current management of the	sito?				
None	dirent management of the	311G:				
INOTIC	Notice					
What manag	ement is recommended to	maintain / improve the biodiversity of the site?				
Clearance of	debris and dumped materials	3				
Thinning of ca	anopy					
.	I ·					
Primary Habitat	Thinning					
парітат						
Secondary	Difficult to control eutrophic	cation.				
Habitat						
Other						
Habitats						
Tabitato						
	propriate for this site?					
No						
Is the site sto	nakana af2	l Na				
	<u> </u>	No				
	have water for stock?	No				
Is the site ac	cessible to a vehicle?	No				
Was any mai	nagement discussed with t	he land owner, and if so, what?				
No						
	ents regarding site manag					
Part of site is adjacent to school and is fenced off from the rest of woodland. Possibly used by the						
school.						

Phase 1 Habitat Map of Bonney Grove Wood 80/058





LWS Field Survey Form 2010								
Site Name		Grid	Reference					
Cheshunt Park Gras	sland and	Т	L 3 4 7 0	4 2				
Pond								
Site Number/ID 80/0	070	Date	29/5/12	<u> </u>	u	ildlite		
Recorder(s)		Time	e on Site		RUSTS			
Mark Woods		1.5 l	nours					
Site Size	8.3 ha	<u>l</u>			-			
Site Ownership	Local Author	ority						
notes								
Boundary of LWS								
Is the boundary sho	own on the ma	ap correc	t/sensible?	Yes	√	No		
Comments/Amenda	ments			1				
Site survey inforr	nation							
Main biodiversity	Neutral and	d acid gras	ssland					
interest of site								
Habitat – please in site is recognised fo		of habitate	s on site map (the pr	imary ha	bitat is	that for which the		
Primary habitat	Neutral and	d acid gras	ssland					
Secondary Habitat	Standing w	ater						
Other Habitats	Species-po	or hedges	s with trees					
	Broadleave	ed woodla	oodland					
Comments								
Interest Features –	nlease indica	te locatio	n on site man					
Veteran trees	✓	10 1000110	Bare ground					
Pollarded trees								
	√		Steep slopes					
Standing/fallen dead wood	✓		Invasive species	5				
			Public access					
Sap runs/holes in trees	✓		Fublic access		✓			
			Aroca with tra-	10pt/				
Tussocky	✓		Areas with frequ					
vegetation		prolonged flooding						

Abundant nectar	Seasonally wet/damp	√	Small patches
source	areas		
Varied sward ✓	Earthworks /hummocky		
height	ground		
Anthills	Ridge and furrow		
Rock outcrops	Other		
Site Description			
Brief summary of habitats a			
	and the state of t		and hadaarawa
Neutral – acid grassland surre		nmana	aged neagerows
Neutral – acid grassland surro A pond is present on the sout		nmana	iged nedgerows
		nmana	igea neagerows
		mmana	iged nedgerows
		mmana	iged nedgerows
		nmana	iged nedgerows
		nmana	iged Hedgerows
A pond is present on the sout	nern boundary of the site.	nmana	iged fledgerows
A pond is present on the sout Habitat detail (including no	nern boundary of the site.		
A pond is present on the sout Habitat detail (including no Fine-sward indicative of old g	nern boundary of the site. Sable species) Passland. Hay meadows with dense continuous	us thato	ch layer. Sward
A pond is present on the sout Habitat detail (including no Fine-sward indicative of old gheight when surveyed 50-60c	nern boundary of the site.	us thato	ch layer. Sward
Habitat detail (including no Fine-sward indicative of old gheight when surveyed 50-600 foxtail, Yorkshire fog, pignut a vernal grass are also present	rable species) rassland. Hay meadows with dense continuous m. Red and meadow fescue, smooth meadow nd lesser stitchwort are typical species. Shee as well as cock's-foot and false oat grass in m	us thato v grass ps feso nore me	ch layer. Sward s, meadow cue and sweet esotrophic areas
Habitat detail (including no Fine-sward indicative of old gheight when surveyed 50-60c foxtail, Yorkshire fog, pignut a vernal grass are also present Scrubby hedges and strips of	hern boundary of the site. Fable species) Fassland. Hay meadows with dense continuous m. Red and meadow fescue, smooth meadow nd lesser stitchwort are typical species. Shee as well as cock's-foot and false oat grass in mywoodland on boundaries are often flanked by	us thato v grass ps feso nore me bramb	ch layer. Sward s, meadow cue and sweet esotrophic areas
Habitat detail (including no Fine-sward indicative of old gheight when surveyed 50-60c foxtail, Yorkshire fog, pignut a vernal grass are also present Scrubby hedges and strips of	rable species) rassland. Hay meadows with dense continuous m. Red and meadow fescue, smooth meadow nd lesser stitchwort are typical species. Shee as well as cock's-foot and false oat grass in m	us thato v grass ps feso nore me bramb	ch layer. Sward s, meadow cue and sweet esotrophic areas
Habitat detail (including no Fine-sward indicative of old gheight when surveyed 50-60c foxtail, Yorkshire fog, pignut avernal grass are also present Scrubby hedges and strips of contains numerous pear trees.	hern boundary of the site. Fable species) Fassland. Hay meadows with dense continuous m. Red and meadow fescue, smooth meadow nd lesser stitchwort are typical species. Shee as well as cock's-foot and false oat grass in mywoodland on boundaries are often flanked by	us thato v grass ps feso nore me bramb	ch layer. Sward s, meadow cue and sweet esotrophic areas le. North field
Habitat detail (including no Fine-sward indicative of old gheight when surveyed 50-60c foxtail, Yorkshire fog, pignut avernal grass are also present Scrubby hedges and strips of contains numerous pear trees.	rable species) rassland. Hay meadows with dense continuous m. Red and meadow fescue, smooth meadow nd lesser stitchwort are typical species. Shee as well as cock's-foot and false oat grass in moodland on boundaries are often flanked by in an open orchard /parkland type landscape acid grassland LWS with 12 Indicator Species	us thato v grass ps feso nore me bramb	ch layer. Sward s, meadow cue and sweet esotrophic areas le. North field
Habitat detail (including no Fine-sward indicative of old gheight when surveyed 50-60c foxtail, Yorkshire fog, pignut avernal grass are also present Scrubby hedges and strips of contains numerous pear trees.	rable species) rassland. Hay meadows with dense continuous m. Red and meadow fescue, smooth meadow nd lesser stitchwort are typical species. Shee as well as cock's-foot and false oat grass in moodland on boundaries are often flanked by in an open orchard /parkland type landscape acid grassland LWS with 12 Indicator Species	us thato v grass ps feso nore me bramb	ch layer. Sward s, meadow cue and sweet esotrophic areas le. North field

Non-botanical interest		

Site Condition (favor	Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)					
Compared to previous	s descriptions					
Primary habitat	Neutral grassland: favo	ourable	– decl	ining		
Secondary habitat	Standing water: unfavo	ourable -	– decl	ining		
Other habitat	Hedgerows and woodl	and: fav	ourab	le – stabl	е	
Comments/Explanation	on of Condition					
Grassland – thatch laye	er is too dense and requ	ires har	rowing	I		
Standing water – pond	is disturbed by dogs					
Is this site a good exa	mple of its habitat	Yes	✓	No		
type in Hertfordshire?	type in Hertfordshire?					
Will the current manage	gement retain the	Yes	✓	No		
biodiversity value of the site?						
Does the site have potential to improve Yes ✓ No						
with different management?						
Is further survey work	required? E.g	Yes		No	✓	
invertebrates, birds						

Site Man						
Type of m				ndition	Tick Box	Details/Comments
Grassland	d/Wetlar	าd				
Unmanag	ed					
Grazed	cattle			sheep		
	horse			mixed		
	Over-	graze	ed			
	Under	-graz	zed			
Cut	Mown					
	Hay c	ut	✓	Silage cut		
	Frequ	ent n	now	ring		
	Hay c					1
	grazin	ıg				
Scrub			Sca	attered		Oak and hawthorn seedlings.
Encroach	ment		<5%	%	√	
		-	5-20%			7
		-	>20)%		7
Herbicide	/pestici	de/fe	ertili	ser use		
Planting of	of trees					
Other						
Woodland						
Unmanag		dlan	d			
High Fore	st				✓	Some felling.
Active co	ppice	son	ne s	tandards		
		no s	stan	dards		

Abandoned co	nnice		
	d pasture/parkland		
	Relic wood pasture/parkland Pollarded Woodland		
Exotics / Orna		√	Rhododendron and conifers.
		V	Kilououeriurori ariu corillers.
Game manage			
Woodland clea	aring	\checkmark	In south field.
Woodland ride	es		
Recently plant	ed trees	✓	In woodland strips.
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards	√	Bushy outgrowths of bramble.
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		Bankside vegetation heavily disturbed.
management	Unmanaged	✓	
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			Dogs in pond.
Heavy amenity use		\checkmark	
Heavily distur	bed		
Dumping impa	act		
Vehicular impa	act		7
Fly tipping			
Other			

Management					
	current management of the	site?			
Hay meadow	Hay meadow				
What manage		maintain / improve the biodiversity of the site?			
What manage	siliciti is recommended to i	maintain / improve the blodiversity of the site:			
Primary	Ideally aftermath graze with	cattle, or otherwise chain harrow to break up thick thatch			
Habitat	layer and open up sward.	Tourist, or ourself the control of t			
Secondary Habitat	Prevent dogs swimming in p	oond in spring time.			
Парітат					
Other					
Habitats					
	propriate for this site?				
Yes					
Is the site sto	ockproof?	Partly			
Does the site	have water for stock?	Yes			
Is the site ac	s the site accessible to a vehicle? Yes				
Was any mar	nagement discussed with th	ne land owner, and if so, what?			
No	-				
Other Comm	ents regarding site manage	ement			
None	onto rogaranig onto manage				

Phase 1 Habitat Map of Cheshunt Park Grassland and Pond 80/070





LWS Field Survey Form 2010								
Site Name		Grid Reference						
Cheshunt Park Field	S	T L 3 4 6 0 3 8						
Site Number/ID 80/0	071	Date 29/5/12						
Recorder(s)		Time on Site						
Mark Woods		1.75 hours TRUSTS						
Site Size	10.4 ha							
Site Ownership	Local Auth	ority						
notes								
Boundary of LWS								
Is the boundary sho	own on the ma	p correct/sensible? Yes ✓ No						
Comments/Amenda	ments							
Site survey inforr	mation							
Main biodiversity	Neutral and	acid grassland						
interest of site								
		f habitats on site map (the primary habitat is that for which the						
site is recognised fo Primary habitat		d grassland						
Secondary Habitat	Broadleave	d woodland						
Other Habitats	Species-po	or hedgerows						
	Standing w	ater						
Comments								
Interest Features	nlosso indica	te location on site map						
Veteran trees	piease iliuica	Bare ground						
Pollarded trees		Steep slopes						
Standing/fallen dead wood	✓	Invasive species						
		D. L. P.						
Sap runs/holes in trees		Public access √						
Tussocky		Areas with frequent/						
vegetation		prolonged flooding						
Abundant nectar	✓	Seasonally wet/damp ✓						
source	•	areas						
334130		uicus						

Varied sward			Forthwarks /hummasky	<u> </u>	
	V		Earthworks /hummocky		
height		Manuface	ground		
Anthills	✓	Very few	Ridge and furrow		
Rock outcrops			Other		
			ill accurate? Please outline uld equally be designated as		
A series of mesotro	phic-a	nts and site context cid grassland grading es of broadleaved woo	to neutral grassland in places odland in places.	s. Fiel	ds are bounded
Habitat detail (including notable species) Grassland structure is varied – on more acid areas it has a generally open structure (approximately 30-50cm in height) but with dense thatch. Red fescue and common bent are abundant, smooth meadow grass, field wood-rush, lesser stitchwort, meadow buttercup and common sorrel are all frequent. False oat grass, meadow fox-tail and cock's foot are the main components of the more neutral areas, with Yorkshire fog, germander speedwell, common sorrel all frequent. Sward here is 50-70cm high with a dense thatch and a tussocky, coarse structure which includes large herbs such as cow parsley and hogweed. Creeping thistle is locally frequent. This site qualifies as an acid/neutral grassland LWS based on the presence of 14 Indicator Species (>8 required). Non-botanical interest Good habitat for birds and invertebrates.					

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)						
Compared to previous	s descriptions					
Primary habitat	Acid and neutral grass	sland: fa	voural	ole – dec	clining	
Secondary habitat	Broadleaved woodland	d: favoui	able -	- declinir	ng	
Other habitat	Hedgerows: favourabl	e - stabl	е			
Comments/Explanation	on of Condition					
Grassland – too many t	histles and a dense tha	itch.				
		1.5		1		
Is this site a good exa	-	Yes	✓	No		
type in Hertfordshire?						
Will the current mana	gement retain the	Yes	✓	No		
biodiversity value of t	he site?					
Does the site have po	Does the site have potential to improve Yes ✓ No					
with different management?						
Is further survey work	required? E.g	Yes		No	✓	
invertebrates, birds						

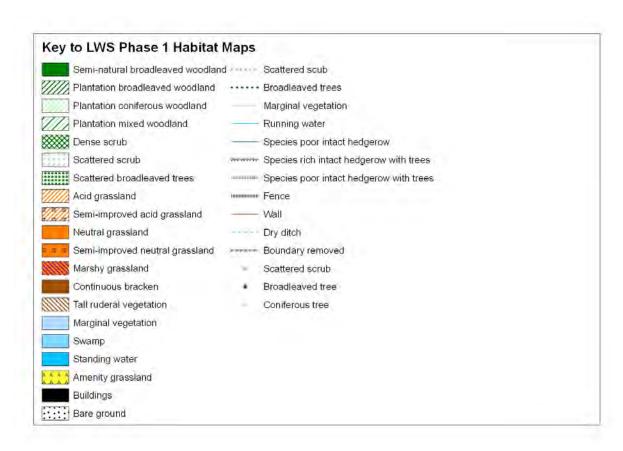
Site Man	ageme	nt			
Type of n	Type of management/Condition			Tick Box	Details/Comments
Grasslan	d/Wetlaı	nd			
Unmanaged					
Grazed	cattle		sheep		
	horse		mixed		
	Over-	graze	d		
	Under	-graz	ed		
Cut	Mown				
	Нау с	ut -	✓ Silage cut]
	Frequ	ent n	nowing		1
	Hay c	Hay cut & aftermath			1
	grazin	grazing			
Scrub			Scattered	√	
Encroach	ment	-	<5%		-
		<u> </u>	5-20%		1
		<u> </u>	>20%		1
Herbicide	/pestici	de/fe	rtiliser use		
Planting					
Other					
Woodland				1	
Unmanag	jed Woo	dlan	t	√	
High Fore	est			√	
Active co	ppice	som	ne standards		
		no s	standards		

Abandoned co			
Managed wood pasture/parkland			
Relic wood pasture/parkland			
Pollarded Woodland			
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride	•		
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards	✓	On school boundary – intact and in good condition.
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards	✓	
Hedge	Without standards		
Rivers/Water Bodies		•	
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			Dog fouling is a localised problem.
Heavy amenity	use	✓	
Heavily disturl			
Dumping impa	nct		
Vehicular impa	act		
Fly tipping			
Other			

Management									
What is the current management of the site?									
Hay cut									
What management is recommended to maintain / improve the biodiversity of the site?									
Primary	Aftermath grazing or earlier	cuts followed by chain harrowing.							
Habitat	Thistle control.								
Secondary									
Habitat									
011									
Other Habitats									
Habitats									
le grazing an	propriate for this site?								
Yes	propriate for this site?								
Is the site sto	ockproof?	No							
	have water for stock?	No							
	cessible to a vehicle?	Yes							
	nagement discussed with th	he land owner, and if so, what?							
No									
Other Comm	ents regarding site manage	ement							
None									

Phase 1 Habitat Map of Cheshunt Park Fields 80/071





LWS Field Survey Form 2010																	
Site Name		Gr	id R	efere	ence)							_]		
Broom Hills				Т	L	3	4	5	0	1	1 ;	3			d i	7	
Site Number/ID 80/	072			Da	Date30/4/12												
Recorder(s)				Time on Site Wildlife													
Mark Woods				2.5	2.5 hours TRUSTS												
Site Size		5.45 ha										•					
Site Ownership		Private											11				
notes																	
Boundary of LWS																	
Is the boundary sh	own	on the ma	ар сс	orre	ct/se	ensil	ole?				Yes		✓	N	D		
Comments/Amend	men	ts										[
Site survey infor	mati	ion															
Main biodiversity		Woodland															
interest of site																	
Habitat – please in site is recognised for		te extent o	of ha	bita	its o	n sit	e m	ap (the p	orir	nary	/ ha	abitat i	s tha	it for	which	the
Primary habitat		Broadleave	ed wo	odl	and	and	plan	tatio	n bro	oa	dlea	vec	oow b	dland	on) k	rth)	
Secondary Habitat	t	Running w	ater														
Other Habitats		Neutral gra	ısslaı	nd													
Comments	ı																
Interest Features -	- ple	ase indica	te lo	cati	ion c	on si	te m	ар									
Veteran trees	√	Large o	aks			Bar	e gr	oun	d				√	1	Loca	lised l	but
														1	frequ	ıent	
Pollarded trees	√					Ste	ep s	lop	es								
Standing/fallen	√	Particula	arly t	0		Inva	asiv	e sp	ecie	es			✓	1	Syca	more	
dead wood		north of	site												Rhod	lodend	ron
Sap runs/holes	√	A few				Puk	olic a	acce	ess				✓	(Can	gain	
in trees															acce	SS	
Tussocky						Are	as v	vith	freq	ue	nt/		√	' '	Wet	woodl	and
vegetation						pro	long	jed	floo	din	g						
Abundant nectar						Sea	son	ally	wet	/da	amp)	√		Alde	r carr	

,	
_	

Site Description

If there is an existing site description is it still accurate? *Please outline significant changes* Yes – for northern area. Not for southern area. Wildlife Sites Report 2012 does not mention alder carr and the neutral grassland is surrounded by woodland, not scrub.

Brief summary of habitats and site context

Woodland on either side of trunk road.

On the north side is oak plantation with regenerating sycamore and hornbeam.

On the south oak plantation similar to north but with occasional damp patches. Also includes an area of plantation conifer woodland, alder carr around stream and neutral grassland.

Habitat detail (including notable species)

Oak plantation is a form of NVC W10 woodland with oak canopy and sycamore and hornbeam understorey. Field layer is composed of bramble, nettle and dog's mercury. Structurally diverse with plenty of dead wood but field layer is of limited botanical interest. Plenty of leaf litter and dense patches of honeysuckle. NVC W6 woodland surrounding streams on south side of site. Composed of coppiced alder with nettle field layer with occasional large oak.

Woodland structure is generally more open on south side – lots of motorbike activity.

This site is not an Ancient Woodland, but is over 2 ha in extent, has good structure and 19 Ancient Woodland Indicators were recorded. On this basis it is considered to meet the criteria for a LWS.

Non-botanical interest

Plenty of rot holes and good structure for nesting birds. Bat roosting potential.

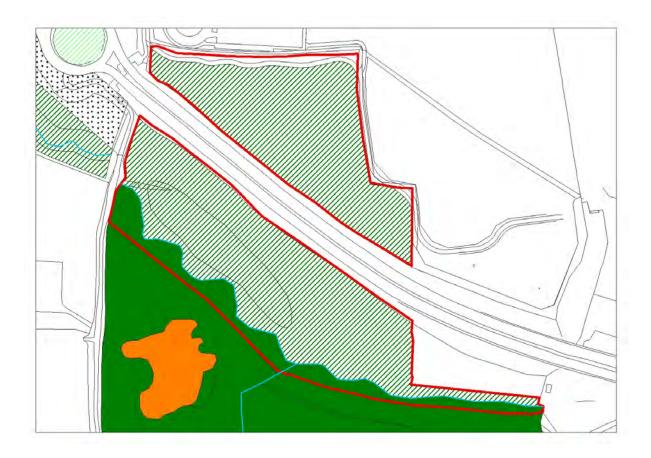
Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)									
Compared to previous descriptions									
Primary habitat	Plantation broad-leaved woodland: favourable – stable (north),								
	unfavourable – stable (south)								
Secondary habitat	Running water: favourable - stable								
Other habitat	Grassland: favourable	- stable	;						
Comments/Explanation	on of Condition								
North: Not much botan	ical interest but old oaks	s and ge	neral v	woodland	d structure is of more interest.				
South: Localised dama	ge to trees and ground	flora.							
				_					
Is this site a good exa	ample of its habitat	Yes	✓	No					
type in Hertfordshire?	?								
Will the current mana	gement retain the	Yes	√	No					
biodiversity value of t	he site?								
Does the site have po	tential to improve	Yes	√	No	✓N				
with different manage	ement?		S						
Is further survey work	required? E.g	Yes		No	✓				
invertebrates, birds									

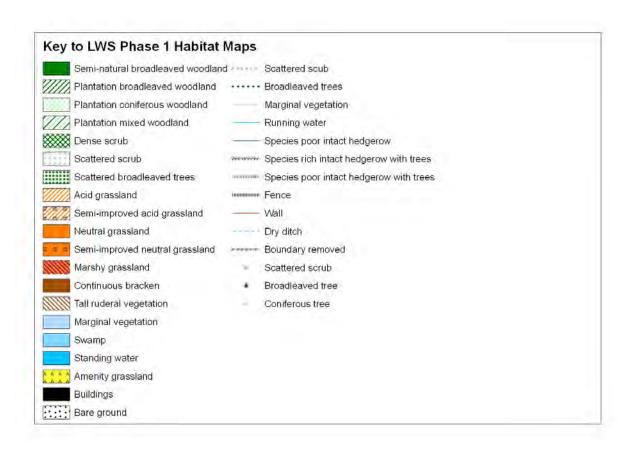
Site Management							
Type of m	nanagement	/Condition	Tick Box	Details/Comments			
Grassland	d/Wetland						
Unmanag	ed						
Grazed	cattle	sheep					
	horse	mixed					
	Over-graz	ed					
	Under-gra	ızed					
Cut	Mown						
	Hay cut	Silage cut					
	Frequent	mowing					
	Hay cut &	aftermath					
	grazing						
Scrub		Scattered					
Encroach	ment	<5%					
		5-20%					
		>20%					
Herbicide	/pesticide/f	ertiliser use					
Planting of	of trees						
Other							
Woodland							
Unmanag	ed Woodlar	nd	√	North side unmanaged			
High Fore	est		√	Neglected plantation (N)			

Active coppice	some standards		
	no standards		
Abandoned co	ppice	✓	Hornbeam/alder
	l pasture/parkland		
Relic wood pas			
Pollarded Woo			
Exotics / Ornar	nentals	√	Sycamore
Game manager			
Woodland clea			
Woodland ride	S		
Recently plante	ed trees		
Dead wood		√	Plenty particularly in north.
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water B	odies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
Disturbance, D	amage & Dumping		
Invasive aliens		√	Locally abundant rhododendron.
Heavy amenity	use	√	Amenity use frequent.
Heavily disturb	ed	√	Localised disturbance on south side.
Dumping impa	ct]
Vehicular impa		√	Motorbikes.
Fly tipping		√	Fly tipping localised.
Other			1
L		- 1	1

Management								
Management								
What is the current management of the site? None								
None								
1871								
What manage	ement is recommended to maintain / improve the biodiversity of the site?							
D-:	Manth adds as a second							
Primary	North side – none.							
Habitat	South side – remove rubbish and reinstate alder coppice.							
	Any additional woodland intervention is unlikely to realise any major benefits and							
	thinning may encourage bramble and nettle. Allow woodland to develop unmanaged.							
Secondary	Leave atreem upmanaged							
Habitat	Leave stream unmanaged.							
Παρπαι								
Other	Clear scrub from grassland.							
Habitats	g and a g							
Is grazing ap	propriate for this site?							
No								
Is the site sto	ockproof?							
Does the site	have water for stock?							
Is the site ac	cessible to a vehicle?							
Was any man	nagement discussed with the land owner, and if so, what?							
No	agoment alcoacca with the falla owner, and it co, what:							
Other Com:	onto regarding site management							
	ents regarding site management							
	on the edge of the alder woodland supports a rhododendron growing as an epiphyte –							
very unusual.								

Phase 1 Habitat Map of Broom Hills 80/072





LWS Field Survey Form 2010												
Site Name				Grid R	eferenc	е						
Burygreen Plantatio	n			TL	3 4	0	0	1 5				
Site Number/ID 80/073				Date30	0/4/12					11.0		
Recorder(s)				Time o	on Site		T Q	īila	lite			
Mark Woods				1 hour	RU	SŤS						
Site Size		8.21 ha	<u> </u>									
Site Ownership									<u> </u>			
notes												
Boundary of LWS												
Is the boundary sh	owr	on the ma	ар сс	rrect/s	ensible'	?		Yes		No	√	
Comments/Amend	mer	its										
New roundabout an	d rea	alignment o	f roa	d has re	emoved	some	of the	wood.				
Site survey infor	mat	ion										
Main biodiversity	Т	Woodland	and s	streams	ide flora							
interest of site												
Habitat – please in site is recognised for		ate extent o	of ha	bitats c	n site n	nap (t	he pri	mary ha	abitat is	that f	or which the	
Primary habitat		Plantation	broad	dleaved	woodlar	nd						
Secondary Habitat	t	Running wa	ater	er								
Other Habitats		Standing w	ater	er								
	-											
Comments												
Interest Features -	- ple	ase indica	te lo	cation (on site r	nap						
Veteran trees		Some ve	ery la	arge	Bare g	roun	d		√	Ex	tensive	
		oaks bu	t no							aw	ay from	
		veterans	3							str	eams	
Pollarded trees	√				Steep	slope	S					
Standing/fallen	√	Plenty			Invasiv	/e sp	ecies			+		
dead wood												
Sap runs/holes	√				Public	acce	SS		√	No	t official but	
in trees										pe	ople using	
										wo	odland	
Tussocky					Areas	with	frequ	ent/	√	+		

vegetation	prolonged flooding		
Abundant nectar	Seasonally wet/damp	√	Rarely next to
source	areas		stream
Varied sward	Earthworks /hummocky		
height	ground		
Anthills	Ridge and furrow		
Rock outcrops	Other		

Site Description

If there is an existing site description is it still accurate? *Please outline significant changes* Yes apart from slight loss of area at northeast end.

Brief summary of habitats and site context

Mature broad-leaved plantation over drier soils with stream running through and a small pond towards eastern end. Rich flora along stream corridor and on wetter areas.

Habitat detail (including notable species)

Canopy in drier areas comprised of pedunculate oak, lime and sycamore. Other species occurring at lower frequency include ash, hornbeam, scots pine and sweet chestnut. Sparse understorey of hawthorn and regenerating tree species. Sparse field layer – largely absent but dog's mercury is occasional.

Stream corridor much richer with prominent hornbeam in canopy, and understory of hazel, wych elm and regenerating hornbeam. Field layer includes abundant pendulous sedge.

As a replanted Ancient Woodland site with over 10 Indicator Species (24) this site meets the criteria for a woodland LWS.

on-botanical interest	
ot holes and dead wood provide good invertebrate habitat. Roosting potential for birds and esting for birds.	

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)						
Compared to previous	Compared to previous descriptions					
Primary habitat	Plantation broadleave	d woodla	and: fa	vourable	e – stable	
Secondary habitat	Running and standing	water: f	avoura	able – st	able	
Other habitat						
Comments/Explanation	on of Condition					
Is this site a good example of its habitat						
type in Hertfordshire?						
Will the current mana	gement retain the	Yes	√	No		
biodiversity value of the site?						
Does the site have po	tential to improve	Yes		No	✓	
with different management?						
Is further survey work	Yes	√	No	✓		
invertebrates, birds						
		1	1	1		

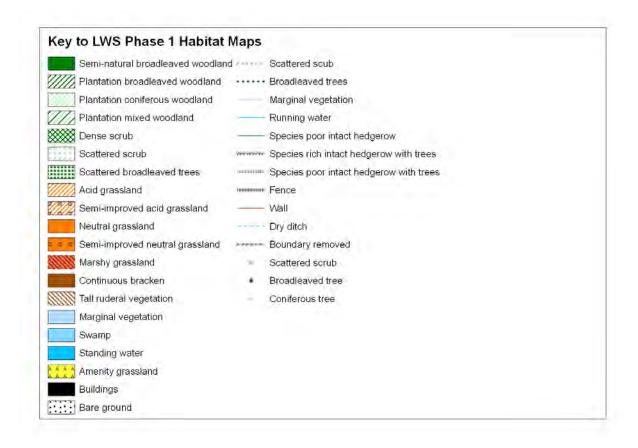
Site Man	Site Management					
	Type of management/Condition		Tick Box	Details/Comments		
Grassland	d/Wetlan	d				
Unmanag	ed					
Grazed	cattle		sheep			
	horse		mixed			
	Over-g	razec				
	Under-	graze	ed			
Cut	Mown					
	Hay cu	ıt	Silage cut		1	
	Freque	ent m	owing			
	Hay cut & aftermath		termath			
	grazin	g				
Scrub			Scattered			
Encroach	ment	<	:5%			
		5	-20%			
			20%			
Herbicide		le/fert	iliser use			
Planting of	of trees					
Other						
Woodland						
Unmanaged Woodland		\checkmark				
High Forest		✓				
Active co	ppice	some	standards			
		no st	andards			

Abandoned co	ppice	✓	Hornbeam and sweet chestnut.
Managed woo	Managed wood pasture/parkland		
Relic wood pa	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals	✓	Lime and sycamore.
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ed trees		
Dead wood		\checkmark	Standing and fallen.
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily disturbed			
Dumping impact			
Vehicular impa	act	✓	Motorbike trails.
Fly tipping			
Other		✓	Children's dens.

Management					
	current management of the site?				
Some felling h	nas been carried out.				
What manage	ement is recommended to maintain / improve the biodiversity of the site?				
Primary Habitat	Thinning and coppicing of sycamore, lime and chestnut to enhance structure, promote				
парітат	development of the field layer vegetation and provide a greater area of shrub layer.				
Secondary	Thin bankside trees to increase light levels.				
Habitat					
0.11					
Other Habitats	Remove shading trees from around pond.				
Habitato					
Is grazing appropriate for this site?					
No					
Is the site sto	ockproof?				
	have water for stock?				
	cessible to a vehicle?				
Was any management discussed with the land owner, and if so, what?					
No	lagement discussed with the land owner, and it so, what:				
Otner Comm	ents regarding site management				

Phase 1 Habitat Map of Burygreen Plantation 80/073





LWS Field Survey Form 2010										
Site Name				Grid R	eference					
Thistly Marsh				T L	3 6	8 0	1 9			.7
Site Number/ID 81/001/03			Date 2	8/5/12	E AT					
Recorder(s)	r(s) Time on Site Wildlife				lite					
Mark Woods			1.75 hours TRUSTS					STS		
Site Size	12	2.25 ha								
Site Ownership	Lo	cal Autho	ority	(part of	Lee Valley	/ Park)				
notes										
Boundary of LWS										
Is the boundary sh	own o	n the ma	р с	orrect/s	ensible?		Yes	✓	No	
Comments/Amend	ments	j								
Site survey inform	matio	n								
Main biodiversity	Ne	eutral gra	ssla	nd on no	orthern are	ea.				
interest of site	Br	oadleave	d wo	oodland	on southe	rn area.				
Habitat – please in site is recognised for		extent o	of ha	bitats o	n site ma	p (the pri	mary ha	abitat is	that f	or which the
Primary habitat		eutral gra	ssla	nd and b	oroadleave	ed woodla	and			
Secondary Habitat	So	cattered a	and c	dense so	rub and s	cattered b	oroadlea	aved wo	odlar	ıd
Other Habitats	Rı	unning wa	ater							
Comments										
Site consists of two	uncon	nected a	reas.							
Interest Features -	nloae	o indica	to lo	cation	on site m	nn				
Veteran trees	Picas	e iliuica	ie io	Cation	Bare gro				Ev	tensive
veteran trees					Daile git	Julia		~		der canopy
										S area
Pollarded trees					Steep sl	onos			011	S alea
					•	•			-	
Standing/fallen dead wood	√				iiivasive	species				
					Public a	00000			D	t virtually
Sap runs/holes in trees					Fublic a	ししせらら		√		t virtually
m nees										penetrable
									on	S area

Tussocky	√		Areas with frequent/		
vegetation			prolonged flooding		
Abundant nectar			Seasonally wet/damp	√	Small patches
source			areas		on north area
Varied sward	\checkmark		Earthworks /hummocky		
height			ground		
Anthills	√	Frequent on N	Ridge and furrow		
		area			
Rock outcrops			Other		

Site Description

If there is an existing site description is it still accurate? *Please outline significant changes* North area – yes. South area – no. Scrub colonisation and tree planting has occurred so grassland in less than 20m² the rest is dense scrub and poplar plantation.

Brief summary of habitats and site context

Two separate, unconnected areas of habitat. The north area is composed of rank grassland (NVC MG1 type) with scattered scrub, surrounded by thick margins of broad-leaved woodland. The south area comprises extensive areas of hawthorn scrub with small patches of semi-mature broad-leaved woodland. There is a stream running parallel to the eastern boundary.

Habitat detail (including notable species)

North Area

Neutral grassland is approximately 1m tall with a dense tussocky structure and dense thatch. Some areas of finer sward where grasses include false oat grass, Yorkshire fog, smooth meadow grass and red fescue. Elsewhere the sward is dense and rank with false oat grass, hairy sedge, cow parsley, nettles and cleavers. Herbs are generally scarce (apart from weeds – thistles, nettle and cow parsley).

South Area

Woodland areas dominated by ash with a hawthorn understory and nettle and garlic mustard on the field layer, although many areas bare. The extensive hawthorn scrub includes hazel, bird cherry and blackthorn. Ground is largely bare, but some woodland herbs including wood meadow grass, nettle, giant fescue, garlic mustard. Grey poplars planted throughout and some large grey willows. Alongside water course, crack and grey willow are present and dense stands of nettle and cow parsley.

The two areas that make up this site are fragments remaining when the LWS designation was removed from an adjacent SSSI. The site qualifies as a LWS on this basis. The site does not meet the LWS criteria for neutral grassland. Only 7 Indicator species were recorded on the north area, none on the south (at least 8 are required to qualify). It does not meet the criteria for scrubland, which requires that it occurs in association with another habitat which conforms to the criteria. It does not meet the criteria for woodland, not having a good diverse structure and rich ground flora.

Non-botanical interest Good invertebrate and nesting bird habitat.		

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)					
Compared to previous	s descriptions				
Primary habitat	Neutral grassland: unf	avourab	le – de	eclining	
Secondary habitat	Broadleaved woodland	d: favour	able -	stable	
Other habitat	Dense scrub: favourat	ole – sta	ble		
Comments/Explanation	on of Condition				
Neutral grassland is un	managed – it has a ver	y dense	thatch	and scr	ub is invading.
		T.,		T	
Is this site a good exa	mple of its habitat	Yes	✓	No	Grassland – no
type in Hertfordshire?					Dense scrub/young
					woodland - yes
Will the current manage	gement retain the	Yes		No	✓
biodiversity value of the site?					
Does the site have po	Yes	√	No		
with different manage					
Is further survey work	required? E.g	Yes		No	✓
invertebrates, birds					

Site Man	Site Management					
Type of management/Condition			Tick Box	Details/Comments		
Grassland	l/Wetland					
Unmanag	ed		✓			
Grazed	cattle	sheep				
	horse	mixed				
	Over-graz	ed				
	Under-gra					
Cut	Mown					
	Hay cut	Silage cut				
	Frequent					
		aftermath				
	grazing					
Scrub		Scattered		Throughout grassland		
Encroach	ment	<5%				
		5-20%	√			
		>20%				
Herbicide	Herbicide/pesticide/fertiliser use					
Planting of trees						
Other						
Woodland						
Unmanaged Woodland		√				
High Fore	st		✓			
			1			

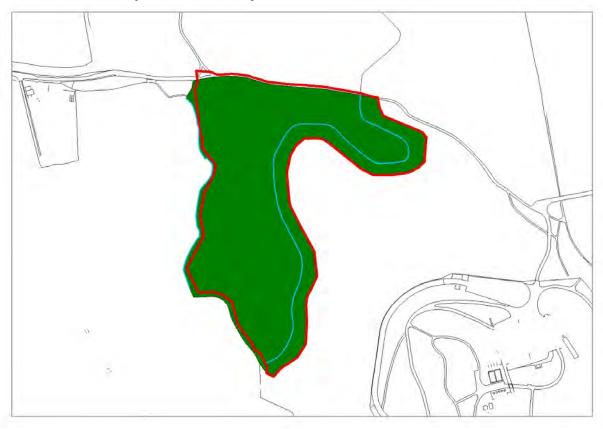
Active coppice	some standards			
	no standards			
Abandoned co	Abandoned coppice			
	d pasture/parkland			
Relic wood pas				
Pollarded Woo				
Exotics / Orna				
Game manage				
Woodland clea	ring	\checkmark	Very small.	
Woodland ride	S			
Recently plant	ed trees			
Dead wood		✓	Plenty.	
Other		√	Developing scrub/wood.	
Hedgerows				
Cut Hedge	With standards			
	Without standards			
Uncut Hedge	With standards			
	Without standards			
Overgrown	With standards			
•	Hedge Without standards			
Rivers/Water E				
Fishing	Heavy			
	Light (not obvious)			
Bank	Fenced off			
management	Unmanaged	\checkmark		
	Grazed			
	Cut			
Disturbance, Damage & Dumping				
Invasive aliens			On edges of grassland.	
Heavy amenity use		✓		
	Heavily disturbed			
	Dumping impact			
Vehicular impa	nct			
Fly tipping				
Other				

Management					
Management					
	urrent management of the				
None apart from	om amenity management of e	edges of grassland on north area.			
VA/I . 4					
wnat manage	ement is recommended to	maintain / improve the biodiversity of the site?			
Drimory	Crassland: Introduce hove	and down management or grazing			
Primary Habitat	Grassiand, introduce hay ir	neadow management or grazing.			
Παρπαι	Woodland: Thinning of woo	dland to diversify structure			
	Woodiand. Thirming of woo	diana to diversity structure.			
Secondary	Scrub control				
Habitat					
Other					
Habitats					
ls grazing an	propriate for this site?				
Yes – in the n					
103 11111011	orur area				
Is the site sto	ockproof?	No			
	have water for stock?	Yes			
Is the site accessible to a vehicle?		Yes			
Was any mar	agament discussed with the	│ he land owner, and if so, what?			
No	lagement discussed with the	ne land Owner, and it so, what:			
110					
Other Comments regarding site management					
		ement			
South area is	no longer grassland.				

Phase 1 Habitat Map of North Thistly Marsh 81/001/03



Phase 1 Habitat Map of South Thistly Marsh



ey to LWS Phase 1 Habitat	waps		
Semi-natural broadleaved woodlan	d	Scattered scub	
Plantation broadleaved woodland		Broadleaved trees	
Plantation coniferous woodland		Marginal vegetation	
Plantation mixed woodland	-	Running water	
Dense scrub	_	Species poor intact hedgerow	
Scattered scrub	*********	Species rich intact hedgerow with trees	
Scattered broadleaved trees	30000000000	Species poor intact hedgerow with trees	
Acid grassland	100000000000000000000000000000000000000	Fence	
Semi-improved acid grassland	_	Wall	
Neutral grassland		Dry ditch	
Semi-improved neutral grassland	*****	Boundary removed	
Marshy grassland	*	Scattered scrub	
Continuous bracken		Broadleaved tree	
Tall ruderal vegetation		Coniferous tree	
Marginal vegetation			
Swamp			
Standing water			
Amenity grassland			
Buildings			
Bare ground			

LWS Field Survey Form 2010										
Site Name				Grid R	eference					
Candlestick Lane M	eadov	vs	-	T L 3 5 0 0 4 4						
Site Number/ID 81/	010			Date 29/5/12						
Recorder(s) Time or					ne on Site Wildlite					
Mark Woods				1.25 hours TRUSTS						
Site Size	5	.46 ha	l l							
Site Ownership	L	ocal Auth	ority					1		
notes										
Boundary of LWS										
Is the boundary sh	own	on the ma	ар сс	rrect/s	ensible?		Yes	✓	No	
Comments/Amend	ment	S								
Site survey infor	matio	on								
Main biodiversity	N	leutral gra	sslar	nd						
interest of site										
Habitat – please in site is recognised for		e extent o	of ha	bitats c	on site map (th	ne pri	mary ha	abitat is	that f	or which the
Primary habitat		leutral gra	sslar	nd						
Secondary Habitat	t E	roadleave	ed wo	odland	/hedgerow/der	ise so	rub on	bounda	ries	
Other Habitats										
Comments										
Interest Features -	- nlea	se indica	te lo	cation (on site man					
Veteran trees	√ V	Large of			Bare ground	1				
		Large of	<u> </u>							
Pollarded trees	√	5			Steep slope					
Standing/fallen	\checkmark	Dead el	ms		Invasive spe	ecies				
dead wood					.					
Sap runs/holes					Public acces	SS		✓		
in trees					A		- 41		<u> </u>	
Tussocky	√				Areas with f	-		✓		ry small wet
vegetation					prolonged fl					tches
Abundant nectar	\checkmark	Variety	ot he	rbs	Seasonally v	wet/d	amp	✓		ry small
source					areas				da	mp areas

Varied sward	√	Throughout	Earthworks /hummocky						
height			ground						
Anthills			Ridge and furrow						
Rock outcrops			Other						
Site Description									
The 2003 description	If there is an existing site description is it still accurate? Please outline significant changes The 2003 description refers to a wet area in north west corner and describes site as neglected. This is no longer the case.								
Brief summary of habitats and site context Damp to wet meadows. Neutral grassland with sward 40-70cm when surveyed. Surrounded by big strips of broadleaved woodland/dense scrub.									
Typical NVC MG5 g clover. Abundant n with rushes and cre abundant. Surround overgrown. Bramble	Habitat detail (including notable species) Typical NVC MG5 grassland. Main grasses are red fescue, Yorkshire fog, common knapweed, red clover. Abundant meadow foxtail, ox-eye daisy, lesser stitchwort. Creeping bent, Yorkshire fog with rushes and creeping buttercup dominant in wetter areas. Yellow meadow vetchling is locally abundant. Surrounded by dense scrubby woodland strips – probably hedges that have become overgrown. Bramble strips also present.								
This site meets the criteria for a neutral grassland LWS with 12 Indicator Species recorded (at least 8 are required).									
Non-botanical inte		ding birds, inverte	brate, reptiles.						

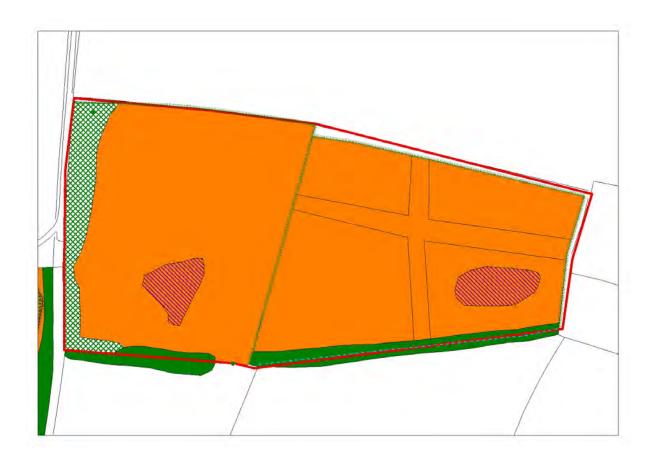
Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)							
Compared to previous	s descriptions						
Primary habitat	Neutral grassland: fav	ourable	- decli	ning			
Secondary habitat	Woodland/dense scru	b: favoui	rable -	stable			
Other habitat							
Comments/Explanation	on of Condition						
Big swathes of amenity	mowing.						
Build up of thatch.							
1.41.1		- N		1			
Is this site a good exa	•	Yes	✓	No			
type in Hertfordshire?	•						
Will the current manage	gement retain the	Yes	√	No			
biodiversity value of t	biodiversity value of the site?						
Does the site have potential to improve Yes ✓ No							
with different management?							
Is further survey work	required? E.g	Yes		No	✓		
invertebrates, birds							

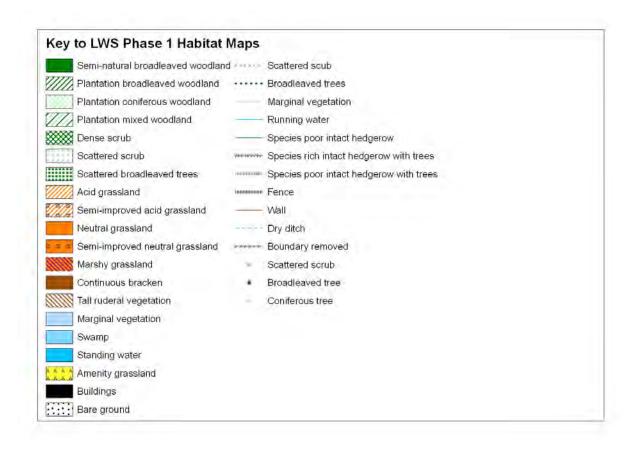
Site Man	ademei	nt						
Site Management Type of management/Condition			Condition	Tick Box	Details/Comments			
Grassland	d/Wetlar	nd						
Unmanag	ed							
Grazed	cattle		sheep					
	horse		mixed					
	Over-g	graze	ed					
	Under	-gra	zed					
Cut	Mown							
	Hay c	ut	✓ Silage cut		1			
	Frequent mowing		√	Frequent mowing in parts.				
	Hay cut & aftermath grazing							
Scrub		9	Scattered	√	Dense strip of bramble on some boundaries			
Encroach	ment		<5%		7			
			5-20%					
			>20%					
Herbicide	/pestici	de/fe	rtiliser use					
Planting of	of trees							
Other								
Woodland								
Unmanag	ed Woo	dlan	d	\checkmark	Strips – former boundary hedges			
High Fore								
Active co	ppice	son	ne standards					
		no s	standards					

Abandoned coppice			
Managed wood pasture/parkland			
	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride	es .		
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	own With standards		Now woodland - >10m wide.
Hedge	Without standards		
Rivers/Water E	Bodies		
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			Amenity-managed grassland strips – access paths.
Heavy amenity use		✓	
Heavily disturbed			
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management					
What is the current management of the site?					
Hay meadow					
What manage	ement is recommended to I	maintain / improve the biodiversity of the site?			
Primary	Continue hav meadow man	agement but introduce aftermath grazing and chain			
Habitat		harrowing to open up sward, reduce thatch and create germination opportunities.			
Secondary					
Habitat					
Other Habitats					
парнасъ					
Is grazing ap	propriate for this site?				
165					
Is the site sto	ockproof?	Yes			
	have water for stock?	Unknown			
Is the site ac	cessible to a vehicle?	Yes			
•	nagement discussed with th	he land owner, and if so, what?			
No					
Other Comments regarding site management					
None	onto rogaranig ono manage				

Phase 1 Habitat Map of Candlestick Lane Meadows 81/010





LWS Field Survey Form 2010							
Site Name		Grid Reference					
Cheshunt Park Golf C	TL	3 5 3	0	3 8			
Site Number/ID 81/01	11	Date 1	Date 1/6/12				
Recorder(s)		Time o	n Site			w	ilalite
Mark Woods		1 hour					RUSTS
Site Size	Unknown	l l					
Site Ownership	Local Author	ority					
notes							
Boundary of LWS							
Is the boundary show	wn on the ma	p correct/s	ensible?		Yes		No
Comments/Amendm	ents				<u> </u>	l .	•
The boundary of the L	.WS is unknov	wn and has p	ossibly nev	er beer	n defined.		
Site survey inform	ation						
Main biodiversity	Protected s	species – HB	RC has rec	ords fo	r great cre	ested n	ewt, grass
interest of site	snake and	water vole.					
Habitat – please indi		of habitats of	n site map	(the pr	imary hab	oitat is t	hat for which the
site is recognised for) Primary habitat		ater and ma	rginal veget	ation			
Secondary Habitat		dland and so			s)		
Other Habitats		ssland (on p	· •		- /		
			,				
Commonts							
Comments A clear LWS boundar	v was not ava	ilabla sa tha	nond and it	e imme	diata cur	roundin	as woro
surveyed.	y was not ava	mable so the	poriu ariu ii	.5 11111116	culate sur	rourium	gs were
Interest Features – p	Nosso indica	to location	on site man				
Veteran trees	nease muica	le iocation (Bare grou			T	
Pollarded trees			Steep slo				
Standing/fallen			Invasive s	pecies	•		
dead wood							
Sap runs/holes			Public acc	cess			
in trees							
Tussocky			Areas with	-			
vegetation			prolonged				
Abundant nectar			Seasonally wet/damp				

source	areas	
Varied sward	Earthworks /hummocky	
height	ground	
Anthills	Ridge and furrow	
Rock outcrops	Other	

Site Description

If there is an existing site description is it still accurate? *Please outline significant changes* Yes but existing descriptions are limited.

Brief summary of habitats and site context

The pond is located near the clubhouse and is surrounded by formally landscaped grounds, but with woodland and tall ruderal habitats approximately 75m away. There are a number of other ponds in the vicinity – both within the golf course (nearest is 100m away) and in the woodland to the east (130m away).

Habitat detail (including notable species)

The pond is approximately 1m deep but too turbid to assess depth accurately. It is surrounded by mature willows around 75% of its margins. A thin strip of tall ruderal vegetation is present wherever there is no shading. Marginal vegetation is limited to shallows, which are present within the pond as well as around the edges. It is composed of bulrush and occasional hard rush.

Non-botanical interest

A grass snake was observed basking next to the pond 100m to the north of the LWS. HBRC has records for grass snake, great crested newts and water vole.

A Habitat Suitability Index (HSI) assessment of the pond was carried out which resulted in a score of 0.75. This score is generally interpreted as being 'good' habitat for great crested newts. The surrounding terrestrial habitat is not particularly good for great crested newts (or reptiles) being amenity-managed almost up to the margins of the pond. But there are a number of other ponds with more favourable terrestrial habitat (woodland and scrub) to the north and east, which taken together provide a good network of breeding habitats for great crested newt.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)							
Compared to previous	Compared to previous descriptions						
Primary habitat	Favourable – stable						
Secondary habitat							
Other habitat							
Comments/Explanation	n of Condition						
Is this site a good exa	mple of its habitat	Yes	√	No			
type in Hertfordshire?	-						
Will the current manage	gement retain the	Yes	√	No			
biodiversity value of t	he site?						
Does the site have po	tential to improve	Yes	√	No			
with different manage	ment?						
Is further survey work required? E.g			√	No	Dedicated surveys of		
invertebrates, birds					amphibians and reptiles to		
					confirm value of LWS.		

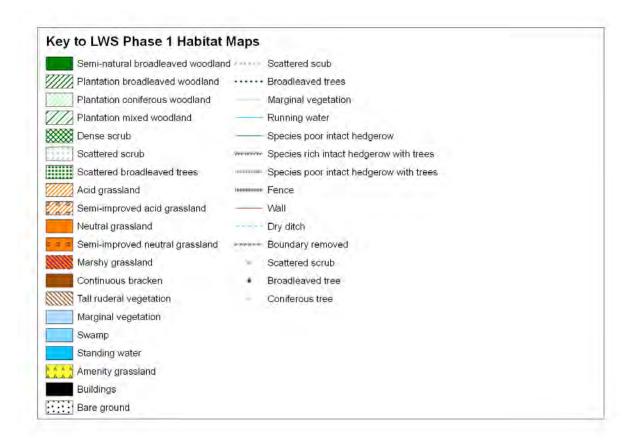
Site Management							
Type of management/Condition			ondition	Tick Box	Details/Comments		
Grassland	d/Wetland						
Unmanag	ed						
Grazed	cattle		sheep				
	horse		mixed				
	Over-gra	azed					
	Under-g	razec	k				
Cut	Mown						
	Hay cut		Silage cut]		
	Frequen	t mo	wing				
	Hay cut	& aft	ermath				
	grazing						
Scrub		So	cattered				
Encroach	ment	<5	5%				
		5-	20%				
		>2	20%				
Herbicide	/pesticide	/ferti	liser use				
Planting of	of trees						
Other							
Woodland							
Unmanag	ed Woodl	and					
High Fore							
Active co	opice s	ome	standards				

	no standards		
Abandoned coppice			
Managed woo	d pasture/parkland		
Relic wood pa	sture/parkland		
Pollarded Woo			
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water E			
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		The immediate margins are unmanaged.
management	Unmanaged	\checkmark	
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily disturbed			
Dumping impact			
Vehicular impa	act		
Fly tipping			
Other			

Management						
	urrent management of the					
No managem	No management of the pond and its immediate margins. Amenity mowing up to margins.					
What manage	ement is recommended to I	maintain / improve the biodiversity of the site?				
Primary	Pollard 60% of bankside tre	es on south and east margins.				
Habitat	1 chara 0070 of barmolae tre	oo on ooun and odol margino.				
		strip around pond to improve the habitat structure/provide				
	cover for great crested new	ts and grass snake.				
Secondary						
Habitat						
Other						
Habitats						
	propriate for this site?					
No						
Is the site sto	ockproof?	NA				
	have water for stock?	NA				
Is the site ac	cessible to a vehicle?	Yes				
Was any management discussed with the land owner, and if so, what?						
No						
0.11						
None	ents regarding site manage	ement				
INOTIC						

Phase 1 Habitat Map of Cheshunt Park Golf Course Pond 81/011





LWS Field Survey Form 2010							
Site Name			Grid Reference				
Halfhide allotments			T L 3 5 8 0 4 3				
Site Number/ID 81/01	6		Date1/5/12	THE 17 11 C			
Recorder(s)			Time on Site	wildlife			
Mark Woods			30 minutes	TRUSTS			
Site Size	2.54 ha	l.					
Site Ownership	Local Autho	Local Authority					
notes							
Boundary of LWS							
Is the boundary show	vn on the ma	рсо	rrect/sensible? Yes	√ No			
Comments/Amendme	ents						
Site survey informa	ation						
Main biodiversity	Grass snak	е					
interest of site							
Habitat – please indi site is recognised for)	cate extent o	f ha	bitats on site map (the primary ha	bitat is that for which the			
Primary habitat	Arable (allo	tmer	its)				
Secondary Habitat	Tall ruderal						
Other Habitats	Scrub/hedg	es/s	cattered shrubs				
	Scattered tr	ees					
Comments							
Active allotments – mo	ost occupied.	Оре	n plan site.				
Interest Features – p	lease indicat	e lo	cation on site map				
Veteran trees			Bare ground				
Pollarded trees			Steep slopes				
Standing/fallen			Invasive species				
dead wood			ilivasive species				
Sap runs/holes			Public access				
in trees			i ubilo access				
Tussocky			Areas with frequent/				
vegetation			prolonged flooding				
Abundant nectar			Seasonally wet/damp				
source			areas				

Varied sward		Earthworks /hummocky				
height		ground				
		<u> </u>				
Anthills		Ridge and furrow				
Rock outcrops		Other				
Site Description			1 101 1			
No existing site descr		ill accurate? <i>Please outline</i>	significant changes			
Brief summary of habitats and site context Active allotments backing onto New River and separated from this by a defunct hedge. East boundary is scrub/tall herb and neutral grassland mosaic on an embankment of the A10 trunk road. South boundary is a hedgerow.						
-	ding notable species) , unmanaged parts of plots	s, and piled up material that w	ould be ideal for			
His neighbour has als	so seen grass snakes next	Plot 609B/610 – found a dead to a small pond on his plot. ecord for 1 grass snake found				
Site is notified as a LWS for its reptile interest. The criteria for which is that a breeding population of at least one species of native reptile is present. Although a breeding population of grass snake cannot be confirmed on the basis of the present survey, it seems likely that the species is present (see above), and the habitats present on site are suitable. It is concluded that the site is very likely to meet the criteria for a reptile LWS, but a dedicated survey is recommended to confirm population and status of the species.						
	Non-botanical interest					
Grass snake.						

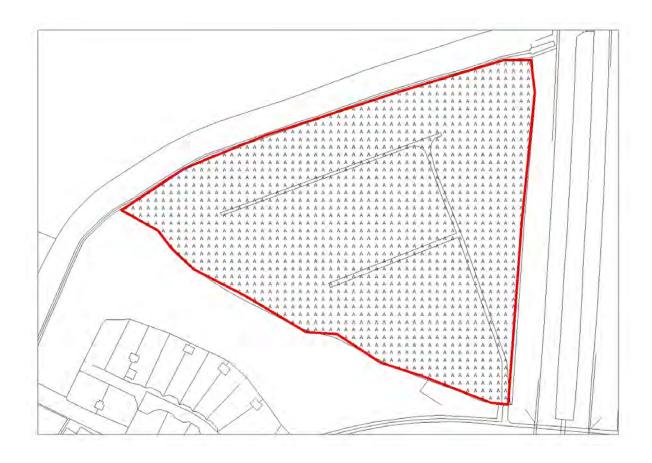
Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)					
Compared to previous	s descriptions				
Primary habitat	Allotments: favourable	e (for rep	tiles) -	stable	
Secondary habitat					
Other habitat					
Comments/Explanation	on of Condition				
Is this site a good exa	mple of its habitat	Yes		No	NA
type in Hertfordshire?	,				
Will the current manage	gement retain the	Yes	✓	No	
biodiversity value of t	he site?				
Does the site have po	Yes		No	✓	
with different management?					
Is further survey work	Yes	✓	No	Reptile survey	
invertebrates, birds					
				1	•

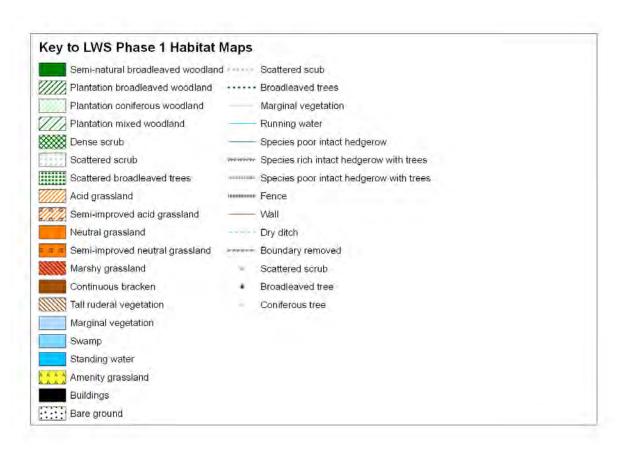
		110			
		Site Management Type of management/Condition		Tick Box	Details/Comments
Grassland	/Wetland			_	
Unmanage	ed				
Grazed	cattle		sheep		
	horse		mixed		
	Over-gra	azed			
	Under-g	razec	k		
Cut	Mown				
	Hay cut		Silage cut		
	Frequen		wing		
-	Hay cut	& aft	ermath		
	grazing				
Scrub Scattered					
Encroachn	nent		5%		
			20%		
			20%		
Herbicide/		/ferti	liser use		
Planting of	f trees				
Other					
Woodland					
Unmanaged Woodland					
High Forest					
Active cop	pice s	ome	standards		
	n	o sta	ndards		
Abandone	d coppice	е			

	d pasture/parkland	
Relic wood pasture/parkland		
Pollarded Woo	odland	
Exotics / Orna	mentals	
Game manage	ment	
Woodland clea		
Woodland ride		
Recently plant	ed trees	
Dead wood		
Other		
Hedgerows		
Cut Hedge	With standards	
	Without standards	
Uncut Hedge	With standards	
	Without standards	
Overgrown	With standards	
Hedge Without standards		
Rivers/Water E	Bodies	
Fishing	Heavy	
	Light (not obvious)	
Bank	Fenced off	
management	Unmanaged	
	Grazed	
Cut		
	Damage & Dumping	
Invasive aliens		
Heavy amenity use		
Heavily disturl		
Dumping impa		
Vehicular impa	act	
Fly tipping		
Other		

Management					
	urrent management of the	site?			
Arable/horticulture (active allotments).					
	ement is recommended to I	maintain / improve the biodiversity of the site?			
No change.					
Primary					
Habitat					
Secondary Habitat					
парна					
Other					
Habitats					
Habitato					
Is grazing an	propriate for this site?				
NA	propriate for this site:				
Is the site sto					
	have water for stock?				
	cessible to a vehicle?	Yes			
Was any management discussed with the land owner, and if so, what?					
No					
Other Comments regarding site management					
None	onto rogaranig onto manage				

Phase 1 Habitat Map of Halfhide allotments 81/016







Appendix 5: Proposed Local Wildlife Site Survey Sheets and Maps

LWS Field Survey Form 2010							
Site Name			Grid Reference				
Cheshunt Common G	Grasslands		T L 3 6 4 0	9 8			
Site Number/ID NA			Date 12/6/12		THE	1 11.0	
Recorder(s)			Time on Site 2.5 hour	S	u	ildlife	
Mark Woods						RUSTS	
Site Size	26 ha	<u> </u>					
Site Ownership	Private			L			
notes							
Boundary of LWS							
Is the boundary sho	wn on the ma	ар со	orrect/sensible?	Yes	NA	No	
Comments/Amendm	nents						
Site survey inform	ation						
Main biodiversity	y Neutral grassland						
interest of site							
-		of hal	bitats on site map (the	primary hab	oitat is t	hat for which the	
site is recognised for Primary habitat	Neutral gra	sslar	nd				
Secondary Habitat							
Other Habitats							
Comments							
Four fields							
Interest Features –	please indica	te lo					
Veteran trees			Bare ground				
Pollarded trees			Steep slopes				
Standing/fallen			Invasive speci	es			
dead wood							
Sap runs/holes			Public access		√	PROWs	
in trees							
Tussocky	✓		Areas with free	quent/	√	Streams and	
vegetation			prolonged floo	ding		wet patches	
Abundant nectar			Seasonally we	t/damp			
source			areas				

Varied sward	✓		Earthworks /hummocky	
height			ground	
Anthills	✓	Scattered	Ridge and furrow	
Rock outcrops			Other	

Site Description

If there is an existing site description is it still accurate? *Please outline significant changes* NA

Brief summary of habitats and site context

Five fields of NVC type MG1 and MG5 grassland, all horse grazed to varying extents. All have similar composition regarding main components. Variation caused by grazing pressure, soil moisture and aspect. Drier areas of least diversity and interest.

Habitat detail (including notable species)

- A. Sward height 30-50cm with no thatch layer. Typical MG5 composition, becoming wetter at north end. Diverse range of species.
- B. Field at Grid reference TL323034

Lightly grazed to approximately 30cm. Sparse thatch and fine sward. Some patches of more acid grassland at top of slope, wetter grassland in hollows.

C. Field at Grid reference TL3203042

Grassland approximately 40cm high. Fairly diverse, typical composition for damp MG5 grassland. Lightly grazed, very little thatch and an open sward.

D. Field at Grid reference TL321041

Slightly less diverse but very similar composition, height and thatch to B.

E. Field at Grid reference TL320038

Weediest most heavily grazed field. Of similar composion to adjacent LWS 80/030. Patches of MG1 type grassland. Sward approximately 60cm high, tussocky with lots of tall herbs. Some finer sward, approximately 15cm high, no thatch but some bare ground.

All four fields meet the criteria for a LWS, having over 8 grassland indicator species (15,14, 14, 12 and 11 respectively).

Non-botanical intere:	St
-----------------------	----

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)					
Compared to previous descriptions					
Primary habitat	Neutral grassland: All	favoural	ole ex	cept E w	hich is heavily disturbed in
	places.				
Secondary habitat					
Other habitat					
Comments/Explanation	Comments/Explanation of Condition				
		Yes			
Is this site a good example of its habitat type in Hertfordshire?			√	No	
Will the current manage biodiversity value of t	Yes	√	No		
Does the site have potential to improve with different management?			✓	No	Lighter grazing of E.
Is further survey work invertebrates, birds	required? E.g	Yes		No	

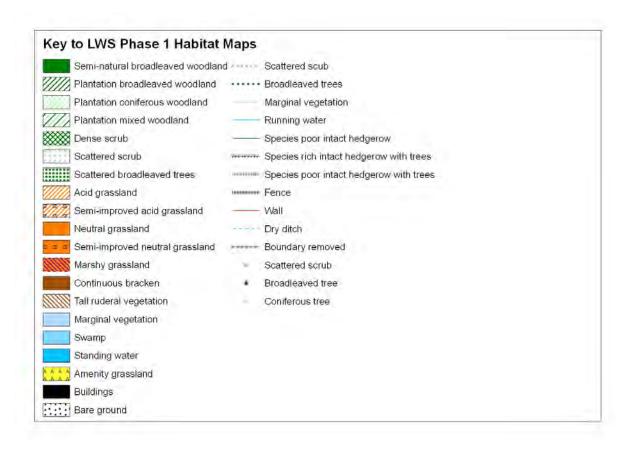
Site Management						
Type of management/Condition			ondition	Tick Box	Details/Comments	
Grassland	d/Wetland	i				
Unmanag	ed					
Grazed	cattle		sheep			
	horse	√	mixed			
	Over-gr	azed		√	Field E only.	
	Under-g	graze	d			
Cut	Mown					
	Hay cut	:	Silage cut			
	Freque	nt mo	wing			
	Hay cut	: & af	termath			
	grazing					
Scrub		S	cattered			
Encroach	ment	<	5%			
		5	-20%	√	Acceptable scrubby outgrowths	
		>	20%			
Herbicide		e/fert	iliser use			
Planting of	of trees					
Other						
Woodland						
Unmanaged Woodland						
High Fore						
Active co	ppice	some	standards			
	<u> </u>				3	

	no standards		
Abandoned coppice			
Managed woo	d pasture/parkland		
Relic wood pa	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ed trees		
Dead wood			
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards	\checkmark	Excellent structure
	Without standards		
Overgrown	With standards	\checkmark	Should not be cut but not allowed to spread.
Hedge	Without standards		
Rivers/Water Bodies			
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged	\checkmark	
	Grazed	✓	
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
	Heavily disturbed		
Dumping impa			
Vehicular impa	act		
Fly tipping			
Other			

Management						
	urrent management of the	site?				
Horse grazing						
What manage	ement is recommended to I	maintain / improve the biodiversity of the site?				
Primary	Maintain grazing on fields A	-D. Reduce grazing on field E.				
Habitat						
Secondary Habitat	Maintain big hedges and wo	oodland on boundaries, which enhance ecological interest.				
Πασπατ						
Other						
Habitats						
Is grazing ap	propriate for this site?					
Yes						
Is the site sto	ocknroof?	Yes				
	<u> </u>	Yes				
		Yes				
Is the site accessible to a vehicle? Yes Was any management discussed with the land owner, and if so, what?						
Was any mar No	iagement discussed with tr	ne land owner, and it so, what?				
110						
Other Comments regarding site management						
Recommend	that this site is declared a LW	/S.				

Phase 1 Habitat Map of Cheshunt Common Grasslands





		L	ws	Field	Surve	y Fo	rm 2	2010					
Site Name			Grid	l Refer	ence	•					,	70	
Hoddesdon Grassland				Т	L 3	3 6 4 0 9 8							
Site Number/ID NA				Date	Date 13/6/12						Ī _T	HE •	11.0
Recorder(s)				Time on Site							Wil	alıțe	
Mark Woods				1.75 hours							TRΙ	JSTS	
Site Size	2	2.5 ha											
Site Ownership	Р	rivate									•		
notes													
Boundary of LWS													
Is the boundary she	own (on the ma	р с	orrec	t/sensi	ble?			Ye	es	NA	No)
Comments/Amenda	ment	s							•			1	1
Site survey inform	natio	n											
Main biodiversity	N	leutral gra	ssla	nd									
interest of site													
Habitat – please in		e extent o	of ha	bitat	s on si	te m	ap (t	he p	rima	ry ha	abitat i	is tha	t for which the
site is recognised fo Primary habitat		leutral gra	sslaı	nd									
Secondary Habitat Dense and s					scrub								
Other Habitats Broadleave													
Diodulca		- Todalod Vo											
Commonto													
Comments													
Interest Features –	plea	se indica	te lo	catio	n on s	ite m	ар						
Veteran trees	✓	One nex	t to	site	Ва	re gr	oun	d			✓	´ S	Small patches
Pollarded trees					Ste	ep s	lope	s					
Standing/fallen	√	One larg	ge de	ead	Inv	asiv	e sp	ecie	s				
dead wood		tree to s	outh	east									
		corner											
Sap runs/holes	√				Pu	blic a	ассе	ss			√	' li	nformal
in trees													
Tussocky	√				Are	eas v	vith	freq	uent	:/			
vegetation					pro	olong	ged f	lood	ding				
Abundant nectar	√				Se	ason	ally	wet	/dan	np			

source		areas	
Varied sward	√	Earthworks /hummocky	
height		ground	
Anthills		Ridge and furrow	
Rock outcrops		Other	
Site Description			

If there is an existing site description is it still accurate? *Please outline significant changes* NA

Brief summary of habitats and site context

Neutral grassland with stands of dense and scattered scrub. Flanked by broadleaved woodland on east and south boundaries.

Habitat detail (including notable species)

Unmanaged neutral grassland that is fairly species-rich. Some past agricultural improvement as evidenced by the frequent ryegrass and white clover. Grassland varies from 75cm high tussocky stands with frequent tall herbs next to stands of scrub, through to heavily trampled/rabbit grazed short sward grassland of less that 10cm high. Transitions between scrub and grassland create an excellent structural variation and diversity of community types. Typical grassland species of the NVC MG5 type grassland, but crested dog's-tail and common knapweed are absent or poorly represented. Red fescue, ox-eye daisy, rough meadow grass, bird's-foot trefoil, Yorkshire fog, creeping cinquefoil and agrimony are constant throughout.

Scrub is varied in age and composition. Hawthorn is abundant and often occurs with stands of bramble and dog rose. Ash, elm and pedunculate oak occur in clusters, mostly immature. East boundary is pedunculatate oak/ash canopy – mature secondary woodland. Understory is hawthorn and elder, with a fairly uniform field layer of garlic-mustard, wood dock and nettle.

With 10 indicator species recorded, this site meets the criteria for a neutral grassland LWS (at least 8 species required).

Non-botanical interest

High numbers of birds and several dragonfly species noted.

Site Condition (favourable/unfavourable, and stable/declining/recovering where possible)							
Compared to previous	Compared to previous descriptions						
Primary habitat	Neutral grassland: unf	avourab	le - de	eclining			
Secondary habitat	Scrub and woodland: favourable - stable						
Other habitat							
Comments/Explanation	on of Condition						
Grassland is being inva	ded by scrub and need	ls grazin	g.				
Is this site a good example of its habitat			√	No			
type in Hertfordshire?							
Will the current manage	Yes		No	✓			
biodiversity value of the site?							
Does the site have po	Yes	✓	No				
with different management?							
Is further survey work	Yes		No	✓			
invertebrates, birds							

Site Man	agement							
Type of management/Condition			Tick Box	Details/Comments				
Grasslan	d/Wetland							
Unmanag	jed		√					
Grazed	cattle	sheep		Some rabbit grazing.				
	horse	mixed		1				
	Over-gr	azed						
	Under-g	grazed						
Cut	Mown							
	Hay cut	Silage cut						
	Frequer	Frequent mowing						
Hay cut & aftermath grazing		& aftermath						
Scrub		Scattered		Excellent mosaic but further encroachment would				
Encroach	ment	<5%		not be desirable.				
		5-20%						
		>20%	\checkmark					
Herbicide	/pesticide	e/fertiliser use						
Planting of trees								
Other								
Woodland								
Unmanag	jed Woodl	land						
High Forest								
Active coppice some standards								

	no standards		
Abandoned co	ppice		
Managed wood	d pasture/parkland		
Relic wood pa	sture/parkland		
Pollarded Woo	odland		
Exotics / Orna	mentals		
Game manage			
Woodland clea			
Woodland ride			
Recently plant	ed trees		
Dead wood		✓	Single large oak in SE corner.
Other			
Hedgerows			
Cut Hedge	With standards		
	Without standards		
Uncut Hedge	With standards		
	Without standards		
Overgrown	With standards		
Hedge	Without standards		
Rivers/Water Bodies			
Fishing	Heavy		
	Light (not obvious)		
Bank	Fenced off		
management	Unmanaged		
	Grazed		
	Cut		
	Damage & Dumping		
Invasive aliens			
Heavy amenity use			
Heavily disturbed			
Dumping impact ✓		✓	Burnt out motorbike.
Vehicular impact			Some localised trampling.
Fly tipping		✓	Small pile of fly tipping near SW corner.
Other			Sings pro of hy appling hour over control.

Management						
	urrent management of the	site?				
None						
What manage	ement is recommended to I	maintain / improve the biodiversity of the site?				
Primary	Grazing					
Habitat						
Concerd	Control of					
Secondary Habitat	Control of scrub. Woodland – non-interventio	n				
Habitat	vvoodiana non interventio	11.				
Other						
Habitats						
Is grazing appropriate for this site?						
Yes						
Is the site sto	ockproof?	No				
	•	No				
		No				
Was any management discussed with the land owner, and if so, what?						
Was any mar No	iagement discussed with tr	ne land owner, and it so, what?				
110						
Other Comments regarding site management						
Recommend that this site is declared a LWS.						

Phase 1 Habitat Map of Hoddesdon Grasslands



