

Summary Sheet

Date	02/11/15
Grid Reference	SE 3432 0525
Site Area	0.70ha
Surveyor	Fiona Denham, Wildscapes

Site Name	Land South of Tower Street
Site Ref Number	PND4

1 ASSESSMENT

Biodiversity interest (record presence by a cross as appropriate)

Habitat	Present	Notes & Photo Refs
Woodland	X	Strip along southern edge Photo PND4.02
Scrub	X	Bramble scrub Photo PND4.03
Scattered trees		
Species poor or defunct hedgerows	X	
Species rich hedgerows		
Amenity or improved grassland		
Semi-improved grassland	X	Poor semi-improved grassland Photo PND4.01
Unimproved grassland		
Marshy grassland		
Tall ruderals	X	Photo PND4.03
Dwarf shrub heath		
Lichen/bryophyte heath		
Reedbed		
Swamp		
Standing water (ponds)		
Flowing watercourses		
Arable / cultivated farmland		
Other:		

Species	Present (seen)	Quality of habitat		
		Low	Mod	High
Plants	X	X		
Invertebrates	X		X	
Amphibians		X		
Reptiles		X		
Birds	X	X		
Mammals		X		
Other				

Influences on external features

On watercourse	No
On wildlife corridor	No
Would lead to habitat isolation	No
Proximity/linkage to SSSI/LNR	None
Other	Adjacent to Locke Park

2 RECOMMENDATION

	Mitigation measures / design considerations	Score
a) Development of the site would have minimal detrimental local ecological impact.	Although the site comprises semi-improved grassland and scrub, these habitats are limited in size, isolated and species poor. Additionally the site is directly adjacent to heavily developed areas to the south, east and north. Locke Park is directly adjacent to the west, which provides a good mix of habitats for bird species and invertebrates. It would be beneficial to retain and enhance the hedgerow / row of trees along the site's southern boundary in order to maintain the link to trees in Locke park.	1
b) Development of the site would result in some adverse local ecological impact but there is scope for mitigation.		
c) Development of the site would result in detrimental ecological impacts.		

3 PHOTOGRAPHIC DETAILS

Photograph locations are recorded on the site map.

Photo Ref	Caption
PND4.01	Semi-improved grassland and tall ruderals
PND4.02	Strip of trees
PND4.03	Scrub and tall ruderals

4 FURTHER INFORMATION

Brief Site Description

An enclosed site that has been left unmanaged for some time and is located within a residential area. It comprises a mosaic of dense scrub, tall ruderal vegetation and semi-improved neutral grassland.

Additional comments / information

Figure 1 shows the Phase 1 habitat map for the site.
No areas with significant ecological value have been identified.

With reference to the data search, no significant issues for protected or priority species have arisen for this site.

Site Ref: PND4

Site Area: 0.70ha

OS Grid Ref: SE 3432 0525

Date Surveyed: 02/11/15

Surveyor: Fiona Denham

Site Description

The site is located in a residential area to the south of Barnsley Town Centre. Tower Street and West View are to the north and Columbia Street is to the east, with further housing to the south. Locke Park is directly adjacent to the west.

This is an enclosed area of land that has been left unmanaged for some time. It comprises a mosaic of habitats including dense scrub, tall ruderal vegetation and semi-improved neutral grassland. An unofficial footpath bisects the site.

The eastern portion of the site comprises mainly rank semi-improved neutral grassland, with pockets of tall ruderal vegetation and some small areas of disturbed ground. The grassland is dominated by Yorkshire fog *Holcus lanatus* with frequent false oat grass *Arrhenatherum elatius*, black bent *Agrostis gigantea*, common couch *Elymus repens* and perennial rye grass *Lolium perenne*. Other grass species are occasional with cock's foot *Dactylis glomerata* and annual meadow grass *Poa annua*. Herbs are scattered with frequent red clover *Trifolium repens* and broadleaved dock *Rumex obtusifolius*. Other species are occasional to rarely occurring and include nipplewort *Lapsana communis*, creeping buttercup *Ranunculus repens*, shepherd's purse *Capsella bursa-pastoris*, prickly sow thistle *Sonchus asper* and scentless mayweed *Tripleurospermum inodorum*. Within the areas of tall ruderal vegetation rosebay willowherb *Chamerion angustifolium*, broadleaved dock *Rumex obtusifolius*, creeping thistle *Cirsium arvense*, great willowherb *Epilobium hirsutum* and nettle *Urtica dioica* are frequent.

Along the north eastern boundary of the site there is a small bund comprising dense scrub dominated by bramble *Rubus fruticosus* with locally abundant raspberry *Rubus idaeus* and hedge bindweed *Calystegia sepium*. Young ash *Fraxinus excelsior* and hawthorn *Crataegus monogyna* are scattered within the scrub. A strip of trees and an overgrown privet *Ligustrum ovalifolium* hedgerow bound the southern edge within the eastern portion of the site. The outgrown privet dominated hedgerow comprises semi-mature trees and shrubs with a mix of species including sycamore *Acer pseudoplatanus*, silver birch *Betula pendula*, ash, oak *Quercus sp.*, lilac *Syringa vulgaris*, goat willow *Salix caprea*, laurel *Laurus sp.*, snowberry *Symphoricarpos albus* and bramble. Ivy *Hedera helix* and hedge bindweed are locally abundant. There is a pile of rubble in the south western corner of the eastern portion of the site, adjacent to the path.

The western portion of the site comprises dense vegetation often impenetrable with a central area of dense scrub and tall ruderals to the north and south. This portion of the site is bound to the north by a managed privet hedgerow and to the south by a row of trees, with species including goat and grey willow *Salix cinerea* and sycamore and bramble understory. The western edge is bound by a stone wall which separates the site from Locke Park. Mature trees within Lock Park overhang the site to the west.

The central area of scrub is impenetrable and dominated by bramble with locally dominant hedge bindweed. Grey willow is abundant with occasional scattered young trees including crack willow *Salix fragilis*, goat willow, sycamore and raspberry. Nettle is locally abundant. The area of scrub is separated from the tall ruderal to the north by a linear pile of rubble, which has become overgrown by brambles and nettles. The tall ruderal areas are more open with less bramble. This habitat comprises a mix of species with abundant grasses including Yorkshire fog, perennial rye grass, common couch, cock's foot and black bent. Rosebay willowherb, creeping buttercup, nettle, creeping thistle, spear thistle *Cirsium vulgare*, great willowherb *Epilobium hirsutum* and hedge bindweed are all locally abundant.



PND4.01 Semi-improved grassland and tall ruderals



PND4.02 Strip of trees



PND4.03 Scrub and tall ruderals

Species List for PND4

DAFOR Scale

D=dominant, A=abundant, F=frequent, O=occasional, R=rare, L=locally, P=present

Semi-improved Grassland

Trees and Shrubs

Bramble	<i>Rubus fruticosus</i> agg.	LD
Raspberry	<i>Rubus idaeus</i>	R (LO)

Herbs

Shepherd's-purse	<i>Capsella bursa-pastoris</i>	O
Rosebay Willowherb	<i>Chamerion angustifolium</i>	O
Creeping Thistle	<i>Cirsium arvense</i>	O
Spear Thistle	<i>Cirsium vulgare</i>	LF
Field Bindweed	<i>Convolvulus arvensis</i>	LD
Great Willowherb	<i>Epilobium hirsutum</i>	LO
Willowherb	<i>Epilobium</i> sp.	O
Cleavers	<i>Galium aparine</i>	O
Nipplewort	<i>Lapsana communis</i>	R
Ribwort Plantain	<i>Plantago lanceolata</i>	O
Creeping Buttercup	<i>Ranunculus repens</i>	O
Dock	<i>Rumex</i> sp.	O (LD)
Common Ragwort	<i>Senecio jacobaea</i>	O
Sow-thistle	<i>Sonchus</i> sp.	O
Red Clover	<i>Trifolium pratense</i>	F (LD)
Scentsless Mayweed	<i>Tripleurospermum inodorum</i>	R
Common Nettle	<i>Urtica dioica</i>	O (LD)
Bush Vetch	<i>Vicia sepium</i>	LO

Grasses, Rushes and Sedges

Black bent	<i>Agrostis gigantea</i>	LF
Bent sp.	<i>Agrostis</i> sp.	F
False Oat-grass	<i>Arrhenatherum elatius</i>	F
Cock's-foot	<i>Dactylis glomerata</i>	F
Common Couch	<i>Elytrigia repens</i>	O (LA)
Yorkshire Fog	<i>Holcus lanatus</i>	LD
Perennial Rye-grass	<i>Lolium perenne</i>	LD
Annual Meadow-grass	<i>Poa annua</i>	LF

Southern Boundary

Trees and Shrubs

Sycamore	<i>Acer pseudoplatanus</i>	D
Silver Birch	<i>Betula pendula</i>	O
Ash	<i>Fraxinus excelsior</i>	O
Ivy	<i>Hedera helix</i>	LD
Laurel	<i>Laurus nobilis</i>	R
Garden Privet	<i>Ligustrum ovalifolium</i>	LD
Oak sp.	<i>Quercus</i> sp.	O
Bramble	<i>Rubus fruticosus</i> agg.	O
Goat Willow	<i>Salix capraea</i>	R
Snowberry	<i>Symphoricarpos albus</i>	R
Lilac	<i>Syringia</i> sp.	R

Dense Scrub

Trees and Shrubs

Sycamore	<i>Acer pseudoplatanus</i>	O
Bramble	<i>Rubus fruticosus</i> agg.	D
Raspberry	<i>Rubus idaeus</i>	O
Goat Willow	<i>Salix capraea</i>	O
Crack Willow	<i>Salix fragilis</i>	O

Herbs

Hedge Bindweed	<i>Calystegia sepium</i>	A (LD)
Cleavers	<i>Galium aparine</i>	O
Common Nettle	<i>Urtica dioica</i>	O (LA)

Tall Ruderals

Trees and Shrubs

Bramble	<i>Rubus fruticosus</i> agg.	O
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Herbs

Hedge Bindweed	<i>Calystegia sepium</i>	LD
Rosebay Willowherb	<i>Chamerion angustifolium</i>	F
Creeping Thistle	<i>Cirsium arvense</i>	O
Spear Thistle	<i>Cirsium vulgare</i>	O
Great Willowherb	<i>Epilobium hirsutum</i>	LA
Willowherb	<i>Epilobium</i> sp.	O
Cleavers	<i>Galium aparine</i>	O
Ribwort Plantain	<i>Plantago lanceolata</i>	O
Creeping Buttercup	<i>Ranunculus repens</i>	LA
Dock	<i>Rumex</i> sp.	O
Sow-thistle	<i>Sonchus</i> sp.	O
Feverfew	<i>Tanacetum parthenium</i>	O
Common Nettle	<i>Urtica dioica</i>	LD

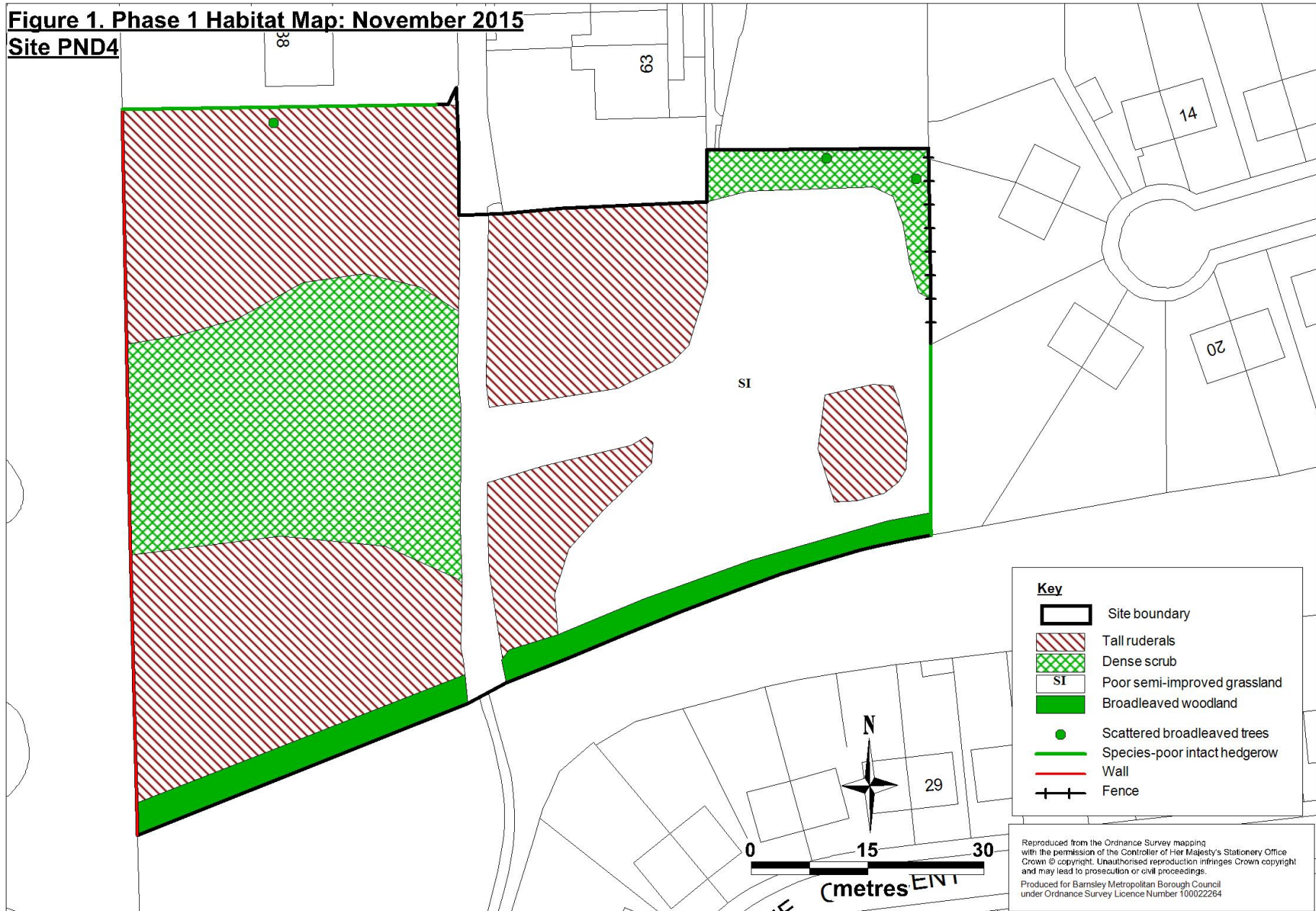
Grasses, Rushes and Sedges

Bent sp.	<i>Agrostis</i> sp.	O
Cock's-foot	<i>Dactylis glomerata</i>	O
Common Couch	<i>Elytrigia repens</i>	F
Yorkshire Fog	<i>Holcus lanatus</i>	F
Soft Rush	<i>Juncus effusus</i>	R
Perennial Rye-grass	<i>Lolium perenne</i>	F

Ferns

Bracken	<i>Pteridium aquilinum</i>	R
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Figure 1. Phase 1 Habitat Map: November 2015
Site PND4



Data Search – Local Records Centre

Notable species recorded within 1km of the site in the last 10 years (2005 – 2015)

A search for badger records has been carried out separately.

Group	Scientific Name	Common Name	Year	Location
Bird	<i>Caprimulgus europaeus</i>	European Nightjar	2011	Barnsley suburbs
Bird	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	2009	'BARNSLEY MBC'
Bird	<i>Chroicocephalus ridibundus</i>	Black-headed Gull	2013	Worsbrough Reservoir LWS
Bird	<i>Coccothraustes coccothraustes</i>	Hawfinch	2009	Stainborough (Wentworth Castle) Park
Bird	<i>Falco tinnunculus</i>	Common Kestrel	2011	Hound Hill
Bird	<i>Falco tinnunculus</i>	Common Kestrel	2011	Worsbrough
Bird	<i>Passer domesticus</i>	House Sparrow	2008	'BARNSLEY MBC'
Bird	<i>Passer domesticus</i>	House Sparrow	2009	'BARNSLEY MBC'
Bird	<i>Prunella modularis</i>	Hedge Accentor	2009	'BARNSLEY MBC'
Bird	<i>Sturnus vulgaris</i>	Common Starling	2008	'BARNSLEY MBC'
Bird	<i>Sturnus vulgaris</i>	Common Starling	2009	'BARNSLEY MBC'
Bird	<i>Turdus iliacus</i>	Redwing	2011	Barnsley suburbs outside SE 3406
Bird	<i>Turdus iliacus</i>	Redwing	2011	Barnsley suburbs
Bird	<i>Turdus philomelos</i>	Song Thrush	2009	'BARNSLEY MBC'
Terrestrial mammal	<i>Erinaceus europaeus</i>	West European Hedgehog	2012	Worsbrough
Terrestrial mammal	<i>Lepus europaeus</i>	Brown Hare	2010	Ouslethwaite fields, Worsbrough
Terrestrial mammal	<i>Lepus europaeus</i>	Brown Hare	2010	Rob Royd, Worsbrough
Terrestrial mammal	<i>Lepus europaeus</i>	Brown Hare	2012	Ward Green
Terrestrial mammal	<i>Pipistrellus pipistrellus</i>	Pipistrelle	2013	Keresforth Hill Road