



## North & East Yorkshire Ecological Data Centre

### Local Wildlife Site Report

**Site Code:** SE35-17  
**Site Name:** SANDY BANK WOOD

#### Site Information

**SITE AREA:** 3.9 Hectares  
**SURVEY DATE:** 12/05/2011  
**DESIGNATION:** **SINC**

#### Location Information

**GRIDREF:** SE304520  
**DISTRICT / BOROUGH:** Harrogate  
**PARISH:**  
**OWNER/CONTACT:** Withheld  
**NATURAL AREA:**

#### Topography

**GEOLOGY**  
**SOIL TYPE**  
**ADJACENT LAND USE**  
**ASPECT**

#### Description/evaluation

**HABITATS: (AREA IN HA)** A111 Woodland: broadleaved, semi-natural, A112 Woodland: broadleaved, plantation, A21 Scrub: dense/continuous, G12 Standing water: mesotrophic

**NVC:** W8 Fraxinus excelsior-Acer campestre-Mercurialis perennis woodl, W10 Quercus robur-Pteridium aquilinum-Rubus fruticosus woodland, W16 Quercus spp.-Betula spp.-Deschampsia flexuosa woodland, W21 Crataegus monogyna-Hedera helix scrub, S22 Glyceria fluitans water-margin vegetation, A16 Callitriche stagnalis community

**SITE DESCRIPTION:** This small wood covers a prominent sandstone ridge to the west of the minor road between Pannal and Rossett in the south-western suburbs of Harrogate. This ridge has been extensively quarried in the past and naturally regenerated woodland occurs over most of the site, with beech plantation to the north and partially-planted damp woodland to the east.

##### **NVC W16: oak - birch - wavy hair-grass woodland**

This occurs on the craggy sandstone ridge between the road and the former quarry and despite the presence of a few pine trees has a semi-natural character. The canopy comprises mixtures of oak and silver birch (*Betula pendula*) with occasional holly (*Ilex aquifolium*) and small amounts of rowan (*Sorbus aucuparia*). Most of the oak is apparently *Quercus x rosacea*, the hybrid between sessile oak (*Q. petraea*) and common oak (*Q. robur*). Wavy hair-grass (*Deschampsia flexuosa*) is abundant in the field layer with more patchy bracken (*Pteridium aquilinum*). Common cow-wheat (*Melampyrum pratense*) - not a species normally associated with W16 woodland - is

frequent in one area. Local or occasional herbs include foxglove ( *Digitalis purpurea* ), wood sage ( *Teucrium scorodonia* ) and a hawkweed ( *Hieracium* sp.) Creeping soft-grass ( *Holcus mollis* ) occurs locally on pockets of deeper soil and there are patches of ling ( *Calluna vulgaris* ) on one knoll. The bryophyte ground layer is poorly developed, with only the moss *Hypnum jutlandicum* attaining much abundance.

On the cliff top overlooking the roadside cottages, there are two small patches of naturalised prickly heath ( *Gaultheria mucronata* ). A large cup-marked boulder is an interesting geological feature here.

#### **NVC W10: oak - bracken - bramble woodland**

This occurs to the east of the former quarry and in the northern third of the quarry floor. In places, sandstone boulders are scattered across the woodland floor in these areas. The canopy is mostly mature sycamore ( *Acer pseudoplatanus* ) with little oak but hazel ( *Corylus avellana* ) occurs very occasionally. Bluebell ( *Hyacinthoides non-scripta* ), wood sorrel ( *Oxalis acetosella* ) and creeping soft-grass are locally abundant whilst broad buckler fern ( *Dryopteris dilatata* ) is frequent. There are occasional small patches of ramsons ( *Allium ursinum* ) and greater stitchwort ( *Stellaria holostea* ).

#### **NVC W8: ash/sycamore woodland**

This is again dominated by sycamore but there is abundant regeneration of young ash ( *Fraxinus excelsior* ) in one area. Wych elm ( *Ulmus glabra* ) and hawthorn ( *Crataegus monogyna* ) are occasional. Dog's mercury ( *Mercurialis perennis* ) occurs locally and associated species include enchanter's nightshade ( *Circaea lutetiana* ), lesser celandine ( *Ficaria verna* ), broad buckler fern and small amounts of bluebell. Wild arum ( *Arum maculatum* ), wood avens ( *Geum urbanum* ) and herb Robert ( *Geranium robertianum* ) occur only in small amounts but are indicative of more base-rich conditions.

None of this is a good example of W8 ash woodland and in places it loses any distinctive character, becoming nondescript sycamore woodland with a weedy herb layer of stinging nettle ( *Urtica dioica* ), ground elder ( *Aegopodium podagraria* ), lesser celandine and ivy ( *Hedera helix* ) with small amounts of wood dock ( *Rumex sanguineus* ). Pendulous sedge ( *Carex pendula* ), perhaps feral here, is very locally abundant in this type of vegetation.

#### **NVC W21: Hawthorn scrub**

A small patch of hawthorn-dominated scrub occurs to the south of the quarry floor.

#### **Beech plantation**

This occurs in the north of the wood, mostly outside the current SINC boundary. Semi-mature beech ( *Fagus sylvatica* ) is dominant, with small amounts of oak, silver birch and larch ( *Larix* sp.). In this heavily shaded plantation, the field layer is sparse and consists of patchy broad buckler fern, localised bracken and climbing corydalis ( *Ceratocarpus claviculata* ).

#### **Damp woodland**

This occurs on lower ground in the east of the wood. There is some naturally-occurring alder ( *Alnus glutinosa* ), including some coppiced trees in the north-east of the wood, but much of the wetter woodland appears to have been planted during the late 20 th century. Adjoining Pannal Primary School, this consists of young ash plantation with patches of grey willow ( *Salix cinerea* ), or hybrids, in an area where there is some seepage. The herb layer here features locally-abundant lesser celandine, Himalayan balsam ( *Impatiens glandulifera* ) and rough meadow-grass ( *Poa trivialis* ) with associated species including stinging nettle, cleavers ( *Galium aparine* ), wood forget-me-not ( *Myosotis sylvatica* ) and male fern ( *Dryopteris filix-mas* ). To the north, this grades into an open, relatively young plantation of hybrid poplar and planted alder. The field layer is dominated by stinging nettle, Himalayan balsam and rough meadow-grass.

Most of the wetter woodland can be categorised as a highly modified form of alder-stinging nettle woodland (NVC W6).

A shallow, spring-fed pond in the north-east corner of the wood has abundant water starwort ( *Callitriche stagnalis / platycarpa* ) with mats of flote-grass ( *Glyceria fluitans* ) in the margins. Plants occurring in small amounts in and around the pond include marsh marigold ( *Caltha palustris* ), water mint ( *Mentha aquatica* ), water-cress ( *Nasturtium officinale* ), brooklime ( *Veronica beccabunga* ), common marsh bedstraw ( *Galium*

*palustre* ) and common duckweed ( *Lemna minor* ).

The pond contained abundant Common Frog and Common Toad tadpoles. Several Smooth Newts and a single ? Palmate Newt were caught during a brief netting survey. Two tiny, just-hatched newt larvae with pronounced dark tail nerves could have been Great Crested Newt, and further survey is required to determine whether this species is present. The invertebrate fauna of the pond appears to be relatively modest, with 19 taxa recorded (Appendix 1). These consist of mainly common species; a few of these are indicative of spring-fed pools, e.g. Freshwater Shrimp ( *Gammarus pulex* ) and the diving beetle *Agabus guttatus* and *Hydroporus discretus* .

**Sandy Bank Wood - 12/05/2011**

**Sandy Bank Wood - 12/05/2011**

**EVALUATION:**

**Date Printed: 10 Oct 2014 Version: 1**

This data remains the property of North Yorkshire SINC group. It shall not be copied to third parties, published in any form or placed on the world wide web. It may be provided to the recipients' client and consultees provided any specific arrangements in respect of the confidentiality are adhered to and full acknowledgement is given to the SINC group. The data must not be entered onto a computerised database or GIS system without permission. Permission to use data expires 12 months after approval. The data provided does not necessarily represent all extant data for a given area, nor should absence of data be interpreted as indicative of the absence of any given species or habitat. Whilst every effort is made to ensure that the data is accurate, the SINC Panel cannot guarantee the accuracy or otherwise of any of the data contained in this report.

## Species Report

Site Code: SE35-17

Site Name: SANDY BANK WOOD

LATIN NAME	ENGLISH NAME	TAXONOMIC GROUP	DATES	RECORDERS	DESIGNATIONS
Bufo bufo	Common Toad	Amphibian	12/05/2011	(Mr) Martin Hammond	
Lissotriton helveticus	Palmate Newt	Amphibian	12/05/2011	(Mr) Martin Hammond	
Lissotriton vulgaris	Smooth Newt	Amphibian	12/05/2011	(Mr) Martin Hammond	
Rana temporaria	Common Frog	Amphibian	12/05/2011	(Mr) Martin Hammond	
Taxus baccata	Yew	Conifer	12/05/2011	(Mr) Martin Hammond	
Asellus aquaticus	Water hog lice/slaters	Crustacean	12/05/2011	(Mr) Martin Hammond	
Gammarus pulex	Gammarus pulex	Crustacean	12/05/2011	(Mr) Martin Hammond	
Athyrium filix-femina	Lady-fern	Fern	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 14 Wd(wet) ×1.0 NYCC Table 17 Fe(rich)
Dryopteris dilatata	Broad Buckler-fern	Fern	12/05/2011	(Mr) Martin Hammond	
Dryopteris filix-mas	Male-fern	Fern	12/05/2011	(Mr) Martin Hammond	
Pteridium aquilinum	Bracken	Fern	12/05/2011	(Mr) Martin Hammond	
Planariidae	Planariidae	Flatworm (Turbellaria)	12/05/2011	(Mr) Martin Hammond	
Acer pseudoplatanus	Sycamore	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Aegopodium podagraria	Ground-elder	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Ajuga reptans	Bugle	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 6 Gr(n)
Alliaria petiolata	Garlic Mustard	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Allium ursinum	Ramsons	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 12 Wd(n-c) ×1.0 NYCC Table 14 Wd(wet)

<i>Alnus glutinosa</i>	Alder	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Anthriscus sylvestris</i>	Cow Parsley	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Arctium</i>	Burdock	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Arum maculatum</i>	Lords-and-Ladies	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Betula pendula</i>	Silver Birch	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Betula pubescens</i>	Downy Birch	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Callitriche</i>	Water-Starwort	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Calluna vulgaris</i>	Heather	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<p>×1.0 NYCC Table 13 Wd(a) ×1.0 NYCC Table 18 Fe(poor) ×1.0 NYCC Table 8 Gr(a)</p>
<i>Caltha palustris</i>	Marsh-marigold	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<p>×1.0 NYCC Table 14 Wd(wet) ×1.0 NYCC Table 17 Fe(rich) ×1.0 NYCC Table 6 Gr(n)</p>
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Carex pendula</i>	Pendulous Sedge	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<p>×1.0 NYCC Table 12 Wd(n-c) ×1.0 NYCC Table 14 Wd(wet) ×1.0 NYCC Table 17 Fe(rich) ×1.0 NYCC Table 18 Fe(poor) ×1.0 NYCC Table 20 Sw(nutrient rich) ×1.0 NYCC Table 6 Gr(n) ×1.0 NYCC Table 7 Gr(c) ×1.0 NYCC Table 8 Gr(a)</p>
<i>Ceratocarpus claviculata</i>	Climbing Corydalis	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<p>×1.0 NYCC Table 13 Wd(a)</p>
<i>Chamerion angustifolium</i>	Rosebay Willowherb	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Cirsium palustre</i>	Marsh Thistle	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Cirsium vulgare</i>	Spear Thistle	Flowering Plant	12/05/2011	(Mr) Martin Hammond	

<i>Corylus avellana</i>	Hazel	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 13 Wd(a)
<i>Crataegus monogyna</i>	Hawthorn	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Deschampsia cespitosa</i>	Tufted Hair-Grass	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Deschampsia flexuosa</i>	Wavy Hair-grass	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 8 Gr(a)
<i>Digitalis purpurea</i>	Foxglove	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Epilobium hirsutum</i>	Great Willowherb	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Fagus sylvatica</i>	Beech	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Festuca gigantea</i>	Giant Fescue	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Filipendula ulmaria</i>	Meadowsweet	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 6 Gr(n)
<i>Fraxinus excelsior</i>	Ash	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Galium aparine</i>	Cleavers	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Galium palustre</i>	Marsh-bedstraw	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 18 Fe(poor) ×1.0 NYCC Table 6 Gr(n)
<i>Gaultheria mucronata</i>	Prickly Heath	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Geranium robertianum</i>	Herb-Robert	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Geum urbanum</i>	Wood Avens	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Glyceria fluitans</i>	Floating Sweet-grass	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 20 Sw(nutrient rich)
<i>Hedera helix</i>	Ivy	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Heracleum sphondylium</i>	Hogweed	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Hieracium</i>	Hawkweed	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Holcus mollis</i>	Creeping Soft-grass	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Hyacinthoides non-scripta</i>	Bluebell	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 12 Wd(n-c) ×1.0 NYCC Table 13 Wd(a)

<i>Ilex aquifolium</i>	Holly	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Impatiens glandulifera</i>	Indian Balsam	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Juncus effusus</i>	Soft-rush	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Lapsana communis</i>	Nipplewort	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Lathyrus pratensis</i>	Meadow Vetchling	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 30 Ar3 <b>×1.0</b> NYCC Table 6 Gr(n)
<i>Lemna minor</i>	Common Duckweed	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Lonicera periclymenum</i>	Honeysuckle	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 13 Wd(a)
<i>Luzula pilosa</i>	Hairy Wood-rush	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 12 Wd(n-c) <b>×1.0</b> NYCC Table 13 Wd(a)
<i>Meconopsis cambrica</i>	Welsh Poppy	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Melampyrum pratense</i>	Common Cow-wheat	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 13 Wd(a)
<i>Mentha aquatica</i>	Water Mint	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 17 Fe(rich) <b>×1.0</b> NYCC Table 20 Sw(nutrient rich) <b>×1.0</b> NYCC Table 25 Fw1
<i>Mercurialis perennis</i>	Dog's Mercury	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 12 Wd(n-c) <b>×1.0</b> NYCC Table 14 Wd(wet)
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 22 Sw(Draw down-inundation veg)
<i>Oxalis acetosella</i>	Wood-sorrel	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 12 Wd(n-c) <b>×1.0</b> NYCC Table 13 Wd(a) <b>×1.0</b> NYCC Table 14 Wd(wet)
<i>Papaver orientale</i>	Oriental Poppy	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Plantago lanceolata</i>	Ribwort Plantain	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
<i>Plantago major</i>	Greater Plantain	Flowering Plant	12/05/2011	(Mr) Martin Hammond	

Poa annua	Annual Meadow-grass	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Poa nemoralis	Wood Meadow-grass	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Poa trivialis	Rough Meadow-grass	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Populus	Poplar	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Prunus avium	Wild Cherry	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Quercus robur	Pedunculate Oak	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Ranunculus acris	Meadow Buttercup	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 20 Sw(nutrient rich) <b>×1.0</b> NYCC Table 21 Sw(nutrient poor)
Ranunculus ficaria	Lesser Celandine	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 20 Sw(nutrient rich) <b>×1.0</b> NYCC Table 21 Sw(nutrient poor)
Ranunculus repens	Creeping Buttercup	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 20 Sw(nutrient rich) <b>×1.0</b> NYCC Table 21 Sw(nutrient poor) <b>×1.0</b> NYCC Table 22 Sw(Draw down-inundation veg)
Rorippa nasturtium-aquaticum	Water-cress	Flowering Plant	12/05/2011	(Mr) Martin Hammond	<b>×1.0</b> NYCC Table 20 Sw(nutrient rich) <b>×1.0</b> NYCC Table 22 Sw(Draw down-inundation veg) <b>×1.0</b> NYCC Table 25 Fw1 <b>×1.0</b> NYCC Table 25 Fw3
Rosa canina agg.	Dog Rose	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Rubus fruticosus agg.	Bramble	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Rubus idaeus	Raspberry	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Rumex obtusifolius	Broad-leaved Dock	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Rumex sanguineus	Wood Dock	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Salix cinerea subsp. cinerea	Grey Willow	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Sambucus nigra	Elder	Flowering Plant	12/05/2011	(Mr) Martin Hammond	



Silene dioica	Red Campion	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Sorbus aucuparia	Rowan	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Sparganium erectum	Branched Bur-reed	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 20 Sw(nutrient rich)
Stellaria holostea	Greater Stitchwort	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Taraxacum	Dandelion Agg.	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Teucrium scorodonia	Wood Sage	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 13 Wd(a)
Torilis japonica	Upright Hedge-parsley	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Ulex europaeus	Gorse	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Ulmus glabra	Wych Elm	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Urtica dioica	Common Nettle	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Veronica beccabunga	Brooklime	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 20 Sw(nutrient rich)
Veronica chamaedrys	Germander Speedwell	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Veronica serpyllifolia	Thyme-leaved Speedwell	Flowering Plant	12/05/2011	(Mr) Martin Hammond	
Viburnum opulus	Guelder-rose	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 14 Wd(wet)
Vicia sepium	Bush Vetch	Flowering Plant	12/05/2011	(Mr) Martin Hammond	×1.0 NYCC Table 30 Ar3
Equisetum arvense	Field Horsetail	Horsetail	12/05/2011	(Mr) Martin Hammond	
Agabus (Gaurodytes) bipustulatus	Agabus (Gaurodytes) bipustulatus	Insect - Beetle (Coleoptera)	12/05/2011	(Mr) Martin Hammond	
Agabus (Gaurodytes) guttatus	Agabus (Gaurodytes) guttatus	Insect - Beetle (Coleoptera)	12/05/2011	(Mr) Martin Hammond	
Anacaena globulus	Anacaena globulus	Insect - Beetle (Coleoptera)	12/05/2011	(Mr) Martin Hammond	
Cyphon	Cyphon	Insect - Beetle (Coleoptera)	12/05/2011	(Mr) Martin Hammond	
Helophorus (Atracthelophorus) brevipalpis	Helophorus (Atracthelophorus) brevipalpis	Insect - Beetle (Coleoptera)	12/05/2011	(Mr) Martin Hammond	

Helophorus (Megahelophorus) grandis	Helophorus (Megahelophorus) grandis	Insect - Beetle (Coleoptera)	12/05/2011	(Mr) Martin Hammond	
Hydrobius fuscipes	Hydrobius fuscipes	Insect - Beetle (Coleoptera)	12/05/2011	(Mr) Martin Hammond	
Hydroporus discretus	Hydroporus discretus	Insect - Beetle (Coleoptera)	12/05/2011	(Mr) Martin Hammond	
Hydroporus incognitus	Hydroporus incognitus	Insect - Beetle (Coleoptera)	12/05/2011	(Mr) Martin Hammond	
Gerris	Pondskater	Insect - True Bug (Hemiptera)	12/05/2011	(Mr) Martin Hammond	
Culicidae	Mosquito	Insect - True Fly (Diptera)	12/05/2011	(Mr) Martin Hammond	
Tabanidae	Horse flies	Insect - True Fly (Diptera)	12/05/2011	(Mr) Martin Hammond	
Anisus (Anisus) leucostoma	White-lipped Ramshorn	Mollusc	12/05/2011	(Mr) Martin Hammond	
Lymnaea (Stagnicola) palustris	Marsh Pond Snail	Mollusc	12/05/2011	(Mr) Martin Hammond	
Pisidium	Indet. Pea Mussel	Mollusc	12/05/2011	(Mr) Martin Hammond	

INDICATOR LIST	SCORE
NYCC Table 6 Gr(n)	6
NYCC Table 7 Gr(c)	1
NYCC Table 8 Gr(a)	3
NYCC Table 12 Wd(n-c)	6
NYCC Table 13 Wd(a)	9
NYCC Table 14 Wd(wet)	7
NYCC Table 17 Fe(rich)	4
NYCC Table 18 Fe(poor)	3
NYCC Table 20 Sw(nutrient rich)	9
NYCC Table 21 Sw(nutrient poor)	3
NYCC Table 22 Sw(Draw down-inundation veg)	3
NYCC Table 25 Fw3	1
NYCC Table 30 Ar3	2

**Date Printed: 10 Oct 2014 Version: 1**

This data remains the property of North Yorkshire SINC group. It shall not be copied to third parties, published in any form or placed on the world wide web. It may be provided to the recipients' client and consultees provided any specific arrangements in respect of the confidentiality are adhered to and full acknowledgement is given to the SINC group. The data must not be entered onto a computerised database or GIS system without permission. Permission to use data expires 12 months after approval. The data provided does not necessarily represent all extant data for a given area, nor should absence of data be interpreted as indicative of the absence of any given species or habitat. Whilst every effort is made to ensure that the data is accurate, the SINC Panel cannot guarantee the accuracy or otherwise of any of the data contained in this report.