

BROXTOWE LOCAL PLAN - Appendix 8

SINCs, SSSIs and habitats of conservation concern (Policies E15, E16 and E18)

Sites of Importance for Nature Conservation (SINCs)

The Sites of Importance for Nature Conservation (SINCs) listed below have been identified by the Nottinghamshire Biological and Geological Records Centre (NBGRC), a service provided by the Nottingham City Museums and Galleries section of Nottingham City Council, based at the Nottingham Natural History Museum, Wollaton Hall. The data is supplied by NBGRC and is the copyright of Nottingham City Council, 2005, on behalf of the Nottinghamshire Ecological and Geological Data Partnership. Further information can be obtained from the NBGRC (0115 915 3909, nbgrc@ncmg.demon.co.uk).

This list has been updated at July 2005 to reflect work carried out by the NBGRC in 2004. SINCs of 'type B' are designated for their biological importance and those of 'type G' for their geological importance. The 1/2/5 prefixes to the reference numbers refer to the period of analysis from which the designations originate (and not to any grading of importance). Some SINCs are listed more than once because they cross parish boundaries. SINCs which are also Sites of Special Scientific Interest (SSSIs) are marked with an asterisk* and further information on them is available in the next section of this appendix.

Site Name	Description	Type	Reference Number
ATTENBOROUGH Gravel Pits*	Provides a valuable refuge for overwintering waterfowl and sustains an important breeding bird community.	B	1/24
AWSWORTH AND COSSALL Bennerley Coal Processing Pits	A former mine supporting a wide range of habitats of botanical and zoological importance.	B	5/2141
Canal Bank Marsh, Cossall	An interesting marshy grassland with scattered scrub.	B	2/268
Cossall Marsh Bank	A remnant of species-rich Coal Measures type grassland.	B	2/269
Cossall Marsh Grasslands	A field containing a noteworthy grassland flora and a pond.	B	2/272
Glass Yard Grassland, Awsworth	A notable herb-rich community.	B	2/256
Kimberley Dismantled Railway	A good habitat containing a number of notable species.	B	2/140

Site Name	Description	Type	Reference Number
Nottingham Canal	Species-rich disused canal of botanical and zoological importance.	B	1/1
Nottingham Canal Grassland, Cossall	A rank grassland with species-rich areas.	B	2/396
Nottingham Canal Rough Grassland, Cossall	A diverse grassland with notable species adjacent to the canal.	B	5/14
Robbinetts, Cossall*	One of the best examples of acidic grassland in the county.	B	1/128
BEESTON Trentside	A section of the Trent river bank with notable grassland, wetland and shingle plant communities.	B	5/6
BRAMCOTE Alexandrina Plantation	A mixture of habitats with characteristic sandstone plant associations.	B	2/314
Bluebell Wood	A deciduous sandstone scarp woodland with a noteworthy ground flora.	B	2/304
Moor Lane Road Cutting	An exposure of the Nottingham Castle Formation (Bunter Pebble Beds) showing many sedimentary features.	G	2/1049
Nottingham Canal (Trowell to Balloon Wood)	A valuable length of disused canal, and associated woodland, of botanical and zoological interest.	B	2/6
Sand Quarry	A good exposure of the Lenton Sandstone Formation (Lower Mottled Sandstone) and the Nottingham Castle Formation (Bunter Pebble Beds) with unusual barite-cemented beds.	G	2/1006
BRINSLEY Brinsley Grassland (1)	A valuable grassland and swamp.	B	2/12
Brinsley Grassland (2)	A notable meadow community.	B	2/13
Brinsley Grassland (3)	A series of established pastures with a notable community.	B	2/14
Brinsley Flashes	Subsidence pools, extensive swamp and good damp grasslands along an unaltered length of the River Erewash - of botanical and zoological significance.	B	1/2
Brinsley Hill Verge	A noteworthy grassland community on a wide verge.	B	2/242
Cordy Lane Paddock	A grassland with a characteristic Coal Measures community.	B	2/263
Hobsic Meadow	An excellent Coal Measures type grassland - one of the very best examples in the county of this rare habitat type.	B	1/106
Jacksdale Disused Railway	A woody and scrubby disused railway with good grassy patches.	B	2/20

Site Name	Description	Type	Reference Number
Jacksdale Meadows West	A notable group of damp meadows along a meandering stretch of the River Erewash.	B	2/151
Langley Mill Flashes	Pools with fringing emergent vegetation and adjacent species-rich grassland.	B	2/11
New Brinsley Grassland	A grassland with a notable herb collection.	B	2/241
New Brinsley Pasture	A grassland with a good density of herbs.	B	2/240
CHILWELL Chilwell Manor Golf Course	Herb-rich sections of the golf course with complementary habitats, including two valuable ponds.	B	2/54
Chilwell Meadow	An excellent marshy grassland.	B	1/25
Chilwell Ordnance Depot Paddock	A herb-rich sward in a small horse-grazed paddock.	B	2/303
Old Brickworks	An expanse of red and green marls of the Mercia Mudstone Group (Keuper Marl) showing sedimentary features.	G	2/1004
EASTWOOD A610 Verges (East and West)	A length of species-rich roadside verge with notable plant species.	B	5/16
Bailey Grove	A notable collection of recolonised species.	B	2/247
Bailey Grove Marsh	An interesting marshy grassland with a number of notable species.	B	2/248
Eastwood Mine Spoil	A spoil heap colonised by a rich diverse flora.	B	5/17
Erewash Canal	Canal and marina (in Amber Valley) with an interesting aquatic and bankside flora.	B	2/249
Erewash Canal Grasslands	A valuable series of grasslands with a characteristic flora.	B	2/250
Langley Mill Flashes	Pools with fringing emergent vegetation and adjacent species-rich grassland.	B	2/11
Nether Green Brook	A notable wetland community developed along a brook.	B	5/1108
New Eastwood Roadside Verge	A verge with a notable association of grassland species.	B	2/245
Nottingham Canal	An interesting length of disused canal.	B	2/5
Nottingham Canal Grasslands	Grasslands with a good range of species, including some Coal Measures associations.	B	2/246
GREASLEY Beauvale Brook	An exposure of Middle Coal Measures mudstones, siltstones and shales with fossils.	G	2/1019
Beauvale Brook Marsh, Eastwood	A wetland with a valuable species assemblage.	B	2/259

Site Name	Description	Type	Reference Number
Beauvale Priory Pasture	A species-rich grassland with a distinctly calcareous bent.	B	2/283
Beauvale Priory Stream	A tree-lined stream and its associated wetlands with an impressive flora, and some zoological interest.	B	2/142
Beauvale Streamside Meadows	Species-rich damp meadows along a wooded stream.	B	2/282
Brinsley Brook Meadow	A notable meadow enhanced by a herb-rich bank.	B	2/264
Bulwell Wood and Pond	An ancient deciduous woodland (in Ashfield) with a characteristic ground flora, together with a valuable clean-water pool, a small pond and a scrubby green lane (the latter in Broxtowe).	B	1/30
Church Road Meadow, Bogend	A notable diverse grassland community developed on a poorly drained and recently disturbed site.	B	2/309
Church Road Quarry, Bogend	An exposure of Lower Magnesian Limestone with sedimentary features.	G	2/1008
Church Road Pasture	A field with a locally characteristic grassland flora and species-rich banks.	B	2/307
Crowhill Farm Grasslands	An excellent sequence of species-rich pastures incorporating dry and damp grassland communities and riparian woodland habitats along Gilt Brook.	B	1/105
Crowhill Farm Pasture	A good, old, herb-rich pasture.	B	2/25
Eastwood Bypass Dismantled Railway	A complex of habitats along the line of a long-dismantled railway.	B	2/257
Eelhole Wood, Watnall	A valuable, deciduous woodland with areas of open acidic grassland in an urban setting.	B	5/19
Erewash Meadows, New Eastwood	A site comprising a series of grasslands with a notable meadow community on a meandering stretch of the River Erewash.	B	2/255
Felley Brook Wood	A semi-natural riparian woodland with a notable ground flora.	B	2/208
Gilt Brook (Central)	A clean, wooded stream with its associated species-rich marshy areas and dry banks.	B	2/253
Gilt Brook (North)	A stream with wooded, species-rich banks.	B	2/4
Gilt Brook (South)	A path along Gilt Brook with a notable grassland community.	B	2/251
Giltbrook Fields	Marshy fields with a noteworthy flora.	B	2/274
Giltbrook Spring-Fed Pond	A spring-fed pond with noteworthy emergent, ruderal and scrub communities.	B	5/20

Site Name	Description	Type	Reference Number
Greasley Cemetery	A valuable association of meadow species and mature trees on consecrated ground.	B	2/301
High Park Wood	A predominantly coniferous plantation with deciduous portions and numerous species-rich pockets.	B	2/7
Holly Road Grassland	Two valuable areas of grassland with local species.	B	2/1097
Hucknall Airfield	A significant area of late-cut neutral grassland (mainly in Ashfield).	B	5/918
Kimberley Cutting*	A disused railway with valuable wood and grassland vegetation.	B	2/71
Kimberley Railway Cutting (East)*	Good Lower Magnesian Limestone exposures.	G	1/135
Kimberley Railway Cutting (West)*	An important site showing the Permo-Carboniferous unconformity, Lower Permian Marl and plant fossils.	G	1/136
Moorgreen Meadow	A hay meadow with an exemplary association of species.	B	2/281
Moorgreen Reservoir	A water body of relatively natural appearance, with a notable fauna and flora.	B	2/279
Moorgreen Reservoir Wood	A damp deciduous woodland offering a valuable habitat.	B	2/280
Motorway Bridge Verge	An unusual but distinctly noteworthy association of grassland species.	B	2/311
Narrow Lane Hedgerow East	A representative series of hedgerows.	B	5/1351
New Road	Old hedgerows with a diverse shrub content.	B	2/302
Newthorpe Relict Grassland/Marsh	An old mine spoil tip with a noteworthy mosaic of relict meadow flora, pioneer communities and scrub.	B	5/273
Quarry near Beauvale Priory	A disused quarry exposing sandy Lower Magnesian Limestone containing thick breccia beds.	G	2/1011
Sledder Wood and Ponds	Excellent marsh and woodland communities of botanical and zoological significance.	B	1/3
Sledder Wood Meadows*	A fine series of species-rich neutral grasslands.	B	1/4
Starth Wood	Species-rich deciduous coppice with standards.	B	2/319
The Dumbles	A notable wildlife area incorporating pools, swamp and woodland.	B	2/278
Watnall Bank	An excellent base-rich plant community.	B	1/103

Site Name	Description	Type	Reference Number
Watnall Brickyard	A mosaic of grassland, woodland, scrub and ruderal communities with a diversity of native and alien species.	B	5/18
Watnall Coppice (East)	A deciduous woodland with an impressive flora.	B	2/72
Watnall Coppice (West)	A deciduous woodland with a noteworthy flora and fauna.	B	2/73
Watnall Meadow	A species-rich meadow.	B	2/318
Watnall Wood (1)	Deciduous woodland with a notable ground flora.	B	2/2
Watnall Wood (2)	A good exposure of Lower Magnesian Limestone with sedimentary features.	G	2/1009
Watnall Wood Pasture	A pasture with a good range of characteristic species.	B	2/297
Willey Spring	A mature deciduous woodland.	B	2/21
KIMBERLEY A610 Cutting	An unusual assemblage of naturalised and native species on the walls of a steep road cutting.	B	5/271
Awsorth Grassland	A large hay meadow with a notable species.	B	5/2106
Awsorth Lane Grassland	A relict natural grassland on land too steep to plough.	B	5/967
Babbington Wood	An interesting strip of deciduous woodland and scrub.	B	2/273
Church Hill Meadows	An interesting system of old, species-rich meadows.	B	2/276
Kimberley Cemetery	Species-rich calcareous grassland in a cemetery.	B	5/270
Kimberley Cutting*	A disused railway with valuable wood and grassland vegetation.	B	2/71
Kimberley Dismantled Railway	A good habitat containing a number of notable species.	B	2/140
Kimberley Pastures	A system of little-improved pastures with particularly species-rich banks.	B	2/292
Kimberley Railway Cutting (East)*	Good Lower Magnesian Limestone exposures.	G	1/135
Kimberley Railway Cutting (West)*	An important site showing the Permo-Carboniferous unconformity, Lower Permian Marl and plant fossils.	G	1/136
Kimberley Rough Grassland	Herb-rich grassland and scrub.	B	5/21
Spring Hill Copse	A deciduous woodland with a notable ground flora.	B	2/293
Spring Hill Grasslands	Two grasslands with a notable species content.	B	2/294

Site Name	Description	Type	Reference Number
NUTHALL Babbington Colliery Roadside Exposure	An excellent exposure of Lower Magnesian Limestone showing good sedimentary features.	G	1/137
Blenheim Disused Railway	An interesting wooded disused railway supporting a valuable and rather calcareous ground flora.	B	2/324
Broxtowe Boundary Hedge	An ancient parish boundary hedge.	B	2/315
Broxtowe Wood	An old deciduous woodland site (mainly in Nottingham City) with relict coppice, an interesting ground flora and zoological value.	B	2/982
Cinderhill Verge	An interesting roadside verge.	B	2/322
Hempshill Hall	An area of woodland, ponds, parkland trees and neutral grassland with a small area inside the City.	B	5/27
Hempshill Roundabout	An interesting grassland with several notable species.	B	2/316
High Wood	A characteristic Coal Measures woodland type.	B	5/2119
Kimberley Cutting*	A disused railway with valuable wood and grassland vegetation.	B	2/71
Kimberley Railway Cutting (East)*	Good Lower Magnesian Limestone exposures.	G	1/135
New Farm Lane Pastures	Notable calcareous grasslands.	B	5/753
New Farm Wood	An interesting deciduous woodland with a notable flora reflecting the varied underlying geology.	B	2/323
Nuthall Cutting	A disused railway with an impressive variety of habitats and species.	B	2/70
Sellers Wood*	A fine example of broad-leaved semi-natural woodland, with ponds, grassland and considerable zoological interest.	B	1/32
Temple Lake	A valuable water body with an excellent flora and fauna.	B	1/31
Temple Lake Woods	An area of mature woodland with a valuable ground flora.	B	2/306
Verge Wood	Deciduous woodland with a characteristic and notable ground flora.	B	2/317
Woodland Adjacent to M1	A notable woodland.	B	5/755

Site Name	Description	Type	Reference Number
STAPLEFORD Bob's Rock	(currently unavailable)	G	Currently unavailable
Hemlock Stone	An isolated outcrop of the Nottingham Castle Formation (Bunter Pebble Beds) showing good sedimentary features.	G	1/138
Moorbridge Lane Grasslands South	Valuable flood pastures with pools and drains.	B	2/1
Moorbridge Lane Wet Grasslands North	Species-rich lowland wet grasslands subject to winter flooding by the River Erewash.	B	5/861
Sandcliffe Garage	A sequence of exposures revealing the Colwick Formation (Waterstones) lying unconformably upon the Nottingham Castle Formation (Bunter Pebble Beds).	G	2/1007
Stapleford Hill (1)	A mosaic of dry acid grassland and oak and birch woodland.	B	5/1086
Stapleford Hill (2)	An exposure of the Lenton Sandstone Formation (Lower Mottled Sandstone) showing good cross-bedding.	G	2/1005
STRELLEY AND TROWELL Babbington Disused Mine	Secondary woodland with scrub over a noteworthy ground flora.	B	2/295
Brickyard Plantation, Cossall	A disperse woodland over a variously wet area and dry substrate.	B	2/290
Erewash Grassland, Trowell	A small relict hay meadow with characteristic flora.	B	5/13
Grange Wood, Trowell	A deciduous woodland with a well-developed structure and a noteworthy ground flora.	B	2/265
Holly Copse, Strelley	A disperse woodland canopy over a noteworthy ground flora.	B	2/395
Moorbridge Lane Wet Grasslands North	Species-rich lowland wet grasslands subject to winter flooding by the River Erewash.	B	5/861
Motorway Grassland, Trowell	A species-rich stepped grassland with scrub.	B	2/267
Nottingham Canal (Trowell to Balloon Wood)	A valuable length of disused canal, and associated woodland, of botanical and zoological interest.	B	2/6
Old Quarry, Strelley	A disused quarry exposing sandy Lower Magnesian Limestone containing occasional breccia beds.	G	2/1010

Site Name	Description	Type	Reference Number
Oldmoor Pond	A fishing pond with well-established vegetation and valuable wooded surrounds.	B	2/10
Oldmoor Wood	Broad-leaved woodland with a notable ground flora and zoological interest.	B	2/9
Strelley Hall Park	Mature parkland incorporating extensive grasslands, deciduous woodland and valuable ponds.	B	2/305
Swancar Farm Quarry	An exposure of Coal Measures sandstone with evidence of faulting.	G	1/157
Trowell Junction Grassland	A grassland with a flood meadow character and scrubby herb-rich areas.	B	2/266
TOTON Erewash Grassland, Stapleford	A notable riverside pasture.	B	2/285
Toton Sidings Fishing Pond	A borrow pit with a well established and diverse marginal flora.	B	5/9
Toton Sidings Grassland and Scrub	A neutral flood plain grassland with a characteristic flora.	B	5/10
Toton Sidings Riverside	A valuable riverside habitat mosaic.	B	2/284

Sites of Special Scientific Interest: descriptions

Attenborough Gravel Pits (1963, revised & extended 1980) 221.2 ha

Flooded gravel pits of varying ages adjoining the River Trent, illustrating the successional development of natural vegetation over 50 years. The pits provide a valuable refuge for over-wintering wildfowl and also sustain an important breeding bird community. The variety of breeding bird species is exceptional and includes Common Tern, Kingfisher, Sand Martin and large numbers of Great-Crested Grebe.

Kimberley Railway Cutting (1954, boundary revised 1981) 5.0 ha

The geology of this former railway cutting provides a rich variety of species of mosses and liverworts, which have developed in association with the formation of tufa deposits along lines of water seepage within the cutting. The Nottinghamshire Wildlife Trust manages the site as a nature reserve.

Robbinetts, Cossall (1990) 6.2 ha

This site contains one of the best examples of acidic grassland in the county. Its mosaic of grassland types, varying in wetness and acidity, is typical of the West Nottinghamshire Coal Measures which now support few remaining areas of unimproved grassland.

Sellers Wood, Nuthall (1981) 14.6 ha

This wood contains a rich ground flora of a type characteristic of ancient woods and its overall wildlife value is complemented by the presence of a number of ponds containing a diverse aquatic fauna. Ash-wych elm woodland predominates on soils derived from the Permian age marl and limestones, but where these are overlain by sandy soils the woodland changes abruptly to a birch-oak-hazel community. Well-vegetated ponds which contain a diverse aquatic fauna and which are also valuable drinking areas for woodland birds and mammals provide additional interest. This site is also designated as a Local Nature Reserve.

Sledder Wood Meadows, Greasley (1981) 7.9 ha

A fine series of species-rich grasslands developed on a north-west-facing slope. The variation in slope, soil structure and soil moisture content present on the site is reflected in the variety of sward types, with neutral grasslands characteristic of alluvial, clay and acid-loam soils being well represented. Adjacent ponds lying within the southern part of Sledder Wood provide additional interest, containing well-developed marsh and open water plant communities.

Local Nature Reserve: The Nottingham Canal (1993)

This linear wetland feature, originally over 14 miles in length, was built in the 18th Century as a coal-carrying canal and abandoned by 1937. Its remaining length is 6½ miles in two sections, having been severed by post-war opencasting activity. Its good water quality supports a wide variety of flora and fauna. The Council produces a package of interpretative material and circular walks leaflets, available from the Directorate of Technical and Leisure Services extension 3634.

Habitats of conservation concern in Nottinghamshire:

- Wet broadleaved woodland*
- Oak – birch woodland*
- Mixed ash - dominated woodland*
- Planted coniferous woodland
- Lowland wood pasture and parkland
- Lowland heathland*
- Ancient and/or species – rich hedgerows
- Ditches
- Cereal field margins
- Arable fields
- Improved grassland
- Lowland wet grassland*
- Unimproved neutral grassland*
- Lowland dry acid grassland*
- Lowland calcareous grassland*
- Reedbed*
- Fen
- Marsh
- Eutrophic and mesotrophic standing water*
- Mesotrophic lakes
- Rivers and streams*
- Canals
- Saline lagoons
- Urban habitats*
- Post – industrial habitats*

(Habitats marked with an asterisk are noted in the Borough's Nature Conservation Strategy as being the subject of Action Plans.)