



**Bradbourne Mill Meadows SSSI
Derbyshire**

***Notification under Section 28 of the Wildlife
and Countryside Act 1981***

Issued by Natural England's Peak District Land Management Team on **23 November 2011**

Contact points and further information

This notification document is issued by Natural England's Peak District Land Management Team. Our address for correspondence is:

Natural England
c/o
Block 7, Government Buildings
Chalfont Drive
Nottingham NG8 3SN

Telephone number: 0300 060 2207

Fax number: 0300 060 1716

Your contact point for specific enquiries relating to this notification is **Audra Hurst** (audra.hurst@naturalengland.org.uk).

A second document (*Bradbourne Mill Meadows SSSI - supporting information*) is available on request from the address above. This contains information and extracts from relevant documents that have been used in the decision to notify this SSSI.

The date of notification of Bradbourne Mill Meadows SSSI is **23 November 2011**.

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1. Summary

- 1.1 This document explains why Bradbourne Mill Meadows is notified by Natural England as a Site of Special Scientific Interest (SSSI).
- 1.2 Bradbourne Mill Meadows SSSI is a nationally important site by reason of the following biological features of special interest: species-rich neutral grassland dominated by the nationally scarce National Vegetation Classification (NVC) type MG4 meadow foxtail *Alopecurus pratensis* – great burnet *Sanguisorba officinalis* grassland and the nationally rare NVC type MG8 crested dog's tail *Cynosurus cristatus* – marsh marigold *Caltha palustris* grassland. Lowland meadows is listed as a priority habitat in the UK Biodiversity Action Plan (UKBAP) and is included in the list of habitats and species considered to be of principal importance to the conservation of biodiversity in England (Section 41 of the Natural Environment and Rural Communities Act 2006).
- 1.3 The annexes to this document comprise the legal papers that detail the interest and the management required to maintain that interest. You have a right to make representations or objections to this notification. Part 3 of this document explains how to do this.
- 1.4 Natural England's consent is required by owners and occupiers before any of the operations listed in *Annex 3* can be carried out. We will work closely with owners and managers, as well as other bodies, to ensure that existing operations and new works that are not considered likely to damage the special features of the SSSI can be carried out.

2. The legal background

- 2.1 Bradbourne Mill Meadows SSSI is notified under section 28 of the Wildlife and Countryside Act 1981, as substituted by Schedule 9 to the Countryside and Rights of Way Act 2000.
- 2.2 Part 8 of this notification document contains the following legal documents required by section 28 of the Wildlife and Countryside Act 1981:
 - a citation detailing the reasons for notification (*Annex 1*);
 - a statement of Natural England's views on the management of the SSSI (*Annex 2*);
 - a list of operations requiring Natural England's consent (*Annex 3*); and
 - a map identifying the land subject to this notification (*Annex 4*).
- 2.3 This notification has several effects. The key ones can be summarised as follows:
 - owners and occupiers must give Natural England notice before carrying out, causing or permitting to be carried out any of the activities in the list of operations at *Annex 3*;
 - owners of land included in the SSSI have a legal obligation to notify Natural England within 28 days if the ownership or occupancy of the land changes;
 - it is an offence for any person intentionally or recklessly to destroy or damage the special features of the SSSI or to disturb any of the fauna; and,
 - other public bodies must consult Natural England before carrying out or authorising any works that may damage the SSSI.

If you require any further information or advice on how this notification affects you, please do not hesitate to contact Natural England at the address shown at the beginning of this notification document.

3. Making representations

- 3.1 You have a legal right to make objections and representations about this notification. Any representations or objections should be made in writing by **23 March 2012** to Natural England's Peak District Land Management Team at the address shown on page 2. You

may wish to seek legal or independent advice and your representative may wish to write to us on your behalf.

- 3.2 The Peak District Land Management Team will consider your objections or representations and will try to resolve them. Any unresolved objections or representations will be considered by the Board of Natural England within nine months of this notification. If you wish to emphasise any of your objections or representations to the Board in person, you should tell us when you write to us. You will then be advised of the date and location of the Board meeting. Following consideration of objections and representations, the Board of Natural England may confirm or withdraw all or part of this notification.
- 3.3 Natural England has a policy of openness, which reflects our obligations under the Environmental Information Regulations 2004 and the Freedom of Information Act 2000. This legislation provides a legal right of access to information held by public bodies. This means that we will provide information on how we make our decisions on SSSIs to any person on request. This includes details of objections and representations received. We will assume, therefore, that your representation or objection can be made publicly available unless you indicate with clear and valid reasons which (if any) part(s) of these you wish to be excluded from this arrangement. However, you should be aware that the requirements of the legislation may mean that we cannot comply with your request that this information be withheld. We do, however, respect people's privacy and will take all reasonable steps to consult you before reaching a decision on disclosure of the information.

As an individual with an interest in Bradbourne Mill Meadow SSSI, your information will be stored and processed on a computer database that will be operated within the Data Protection Act 1998. This Act gives individuals the right to know what data we hold on them, how we use it and to which third parties it is disclosed. For the purposes of the Data Protection Act, the data controller is Natural England, Touthill Close, City Road, Peterborough PE1 1UA.

4. Reasons for notification

- 4.1 Bradbourne Mill Meadows SSSI is of special interest by reason of the following nationally important features:
- Unimproved floodplain meadows characterised by the nationally scarce National Vegetation Classification (NVC) type MG4 meadow foxtail *Alopecurus pratensis* – great burnet *Sanguisorba officinalis* grassland and the nationally rare NVC type MG8 crested dog's tail *Cynosurus cristatus* – marsh marigold *Caltha palustris* grassland. These communities are described as lowland meadows, which is a Priority Habitat in the UK Biodiversity Action Plan (UKBAP).

5. Site boundaries and relationships with other SSSIs

- 5.1 The boundary has been drawn to include land supporting the features of special interest and those areas required to ensure the long-term sustainability of these features.
- 5.2 Bradbourne Mill Meadows SSSI consists of two meadows. The boundary of the SSSI follows the field boundaries. See the map at *Annex 4* for detail of the SSSI boundary. Further clarification of the precise location of the boundary of the SSSI can be obtained from Natural England's Peak District Land Management Team at the address on page 2 of this document.
- 5.3 The nearest SSSIs are Hipley Hill SSSI and Kirkham's Silica Sandpit SSSI which are both approximately 1.4 km north of the SSSI and notified for their calcareous grassland and geological features respectively.
- 5.4 The MG4 and MG8 grassland feature are currently not represented within the SSSI series in Derbyshire.

6. Management of the SSSI

- 6.1 This notification includes at *Annex 2* a statement of the management that Natural England considers is needed to conserve and enhance the features of special interest. Different management may be appropriate in different parts of the site and this statement is not intended to detail the exact requirements at specific locations. The statement is intended to explain how we can work with and support owners and managers in continuing to achieve positive management of the SSSI.
- 6.2 This notification also includes a list of the operations requiring Natural England's consent at *Annex 3*. The basis for the selection of these operations is set out in the supporting information document. Some of the operations may already be taking place and where they do not cause any damage they will be given consent. We will work with landowners and managers to agree lists of such existing and planned activities, which can be approved.
- 6.3 Where an operation has been granted a consent, licence or permission from another public body a separate consent will not generally be required from Natural England. However, other public bodies are required to consult Natural England before such consents, licences or permissions are issued.
- 6.4 In particular, we recognise the important roles of the owners and managers of the land in managing this site. We will continue to work with them to develop means to secure the sustainable management of Bradbourne Mill Meadows SSSI.

7. Supporting information

- 7.1 The detailed information, which has been used to assess the importance of this SSSI, is available on request from the address on page 2 of this document.

8. Legal documents

- 8.1 Attached at *Annexes 1 - 4* are the legal documents, which are required by section 28 of the Wildlife and Countryside Act 1981.

Annex 1

Citation

This is a legal document on which you have a right to make objections or representations, as explained in part 3 of this notification document

Site name: Bradbourne Mill Meadows **County:** Derbyshire

District: Derbyshire Dales

Status: Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981, as substituted by Schedule 9 to the Countryside and Rights of Way Act 2000.

Local Planning Authority: Derbyshire Dales District Council, Peak District National Park Authority

National Grid reference: SK 199524 **Area:** 6.86 ha

Ordnance Survey sheet: **1:50,000:** 119 **1:10,000:** SK 15 SE

Notification date: 23 November 2011

Reasons for notification:

Bradbourne Mill Meadows SSSI is a nationally important site for its lowland meadows. The grassland consists mainly of the nationally scarce National Vegetation Classification (NVC) type MG4 meadow foxtail *Alopecurus pratensis* – great burnet *Sanguisorba officinalis* grassland and the nationally rare NVC type MG8 crested dog's tail *Cynosurus cristatus* – marsh marigold *Caltha palustris* grassland.

General description:

Forming a north-western outlier of the Trent catchment on silty alluvial soils some 160m above sea level, Bradbourne Mill Meadows SSSI supports important examples of unimproved seasonally-inundated floodplain grassland communities which have been greatly reduced in extent across much of England. These communities are distinguished by an assemblage of species closely associated with regular hay meadow management on damp floodplain soils.

The two meadows lie close to the village of Bradbourne and are bisected by the Bletch Brook, a tributary of the River Dove. The meadow vegetation is characterised by an abundance of red fescue *Festuca rubra*, meadow foxtail, and Yorkshire fog *Holcus lanatus* with other grasses including sweet vernal-grass *Anthoxanthum odoratum*, crested dog's tail *Cynosurus cristatus*, common bent *Agrostis capillaris* and rough meadow-grass *Poa trivialis*. These grasses are accompanied by a range of characteristic herbs including an abundance of great burnet *Sanguisorba officinalis* and meadowsweet *Filipendula ulmaria*, with ribwort plantain *Plantago lanceolata*, common sorrel *Rumex acetosa*, bird's-foot trefoil *Lotus corniculatus*, lady's-smock *Cardamine pratensis*, yellow rattle *Rhinanthus minor*, common knapweed *Centaurea nigra* and meadow vetchling *Lathyrus pratensis*.

Of note is the additional presence of a wet grassland community, comprising small stands on more permanently wet soils below slopes flushed by springs and seepage lines. This retains a similar species composition to that described above, but is further characterised by the presence of frequent marsh marigold *Caltha palustris* and water avens *Geum rivale*, with the moss *Calliergon cuspidatum* prominent and the locally uncommon brown sedge *Carex disticha* also present. Locally, this vegetation grades into wetter stands of vegetation dominated by slender-tufted sedge *C. acuta*.

Annex 2

Views about Management

This is a legal document on which you have a right to make objections or representations, as explained in part 3 of this notification document.



Views About Management

Wildlife and Countryside Act 1981 Section 28(4) as inserted by
Schedule 9 to the Countryside and Rights of Way Act 2000

A statement of Natural England's views about the management of Bradbourne Mill Meadows Site of Special Scientific Interest (SSSI)

This statement represents Natural England's views about the management of the SSSI for nature conservation. This statement sets out, in principle, our views on how the site's special conservation interest can be conserved and enhanced. Natural England has a duty to notify the owners and occupiers of SSSI of its views about the management of the land.

Not all of the management principles will be equally appropriate to all parts of the SSSI. Also, there may be other management activities, additional to our current views, which can be beneficial to the conservation and enhancement of the features of interest.

This Statement does not constitute consent for any of the 'operations requiring Natural England's consent'. The written consent of Natural England is required before carrying out any of those operations. Natural England welcomes consultation with owners, occupiers and users of the SSSI to ensure that the management of this site conserves and enhances the features of interest, and to ensure that all necessary prior consents are obtained.

Management Principles

Neutral hay meadows require active management if they are to retain their conservation interest. In order to maintain a species-rich sward, each year's growth of vegetation must be removed. Otherwise the sward becomes progressively dominated by tall and vigorous grasses which, together with an associated build up of dead plant matter, suppress less vigorous species and reduce the botanical diversity of the site. This is traditionally achieved by closing the fields to stock in the autumn and cutting the resultant growth as hay. The cut is usually done in early July, but may vary depending on local factors, including past management and current weather conditions. It should always be after ground-nesting birds have fledged their young and any short-lived, characteristic plants have set seed. The aftermath is then grazed in late summer/autumn. Aftermath grazing is important for maintaining a species-rich sward, both through controlling competitive grasses and through hoof-prints providing suitable sites for seedlings to establish. Heavy poaching must be avoided, however. Periodic dressings of well-rotted farmyard manure may be acceptable if the sward does not receive regular input of nutrients from flooding. Occasional dressings of lime may also be acceptable.

For damper meadows, regular and careful maintenance of surface drainage including ditches and drains can be necessary to prevent adverse changes in the plant species composition of the sward. Deepening of surface drainage should be avoided.

Date notified: 23 November 2011

Annex 3

List of operations requiring Natural England's consent

This is a legal document on which you have a right to make objections or representations, as explained in part 3 of this notification document.

Operations requiring Natural England's consent

Wildlife and Countryside Act 1981 Section 28 (4)(b) substituted by Schedule 9 to the Countryside and Rights of Way Act 2000

The operations listed below may damage the features of interest of **Bradbourne Mill Meadows SSSI**. Before any of these operations are undertaken you must consult Natural England, and may require our consent.

It is usually possible to carry out some of these operations in certain ways, or at specific times of year, or on certain parts of the SSSI, without damaging the features of interest. If you wish to carry out any of these activities please contact a Natural England Adviser who will give you advice and where appropriate issue you with a consent. Please help us by using the form sent to you with the notification documents to ask us for consent to carry out these operations.

In certain circumstances it will not be possible to consent these operations, because they would damage the features of interest. Where possible your Natural England Adviser will suggest alternative ways in which you may proceed, which would enable a consent to be issued. To proceed without Natural England's consent may constitute an offence. If consent is refused, or conditions attached to it, which are not acceptable to you, you will be provided with details of how you may appeal to the Secretary of State.

Standard reference number	Type of operation
1.	Cultivation, including ploughing, rotovating, harrowing and re-seeding.
2.	Grazing and alterations to the grazing regime (including type of stock, intensity or seasonal pattern of grazing).
3.	Stock feeding and alterations to stock feeding practice.
4.	Mowing or cutting vegetation and alterations to the mowing or cutting regime (such as from haymaking to silage).
5.	Application of manure, slurry, silage liquor, fertilisers and lime.
6.	Application of pesticides, including herbicides (weedkillers) whether terrestrial or aquatic, and veterinary products.
7.	Dumping, spreading or discharging of any materials.
8.	Burning.
9.	Release into the site of any wild, feral, captive-bred or domestic animal, plant, seed or micro-organism (including genetically modified organisms).
10.	Killing, injuring, taking or removal of any wild animal (including dead animals or parts thereof), or their eggs and nests, including pest control and disturbing them in their places of shelter.
11.	Destruction, displacement, removal or cutting of any plant or plant remains, including (tree, shrub, herb, hedge, dead or decaying wood, moss, lichen, fungus, leaf-mould or turf).
12.	Tree and/or woodland management and alterations to tree and/or woodland management (including, planting, felling, pruning and tree surgery, thinning, coppicing, changes in species composition, removal of fallen timber).
13a.	Draining (including the use of mole, tile, tunnel or other artificial drains).
14.	Alterations to water levels and tables and water utilisation (including irrigation, storage and abstraction from existing water bodies and through boreholes). Also the modification of current drainage operations.

Standard reference number	Type of operation
15.	Infilling or digging of ditches, drains, ponds, pools, marshes or pits.
20.	Extraction of minerals including hard rock, topsoil, subsoil, lime and spoil.
21.	Destruction, construction, removal, rerouting, or regrading of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks, including soil and soft rock exposures or the laying, maintenance or removal of pipelines and cables, above or below ground.
22.	Storage of materials.
23.	Erection of permanent or temporary structures or the undertaking of engineering works, including drilling.
24a.	Modification of natural or man-made features and clearance of boulders, large stones, loose rock or scree.
26.	Use of vehicles or craft.
27.	Recreational or other activities likely to damage or disturb the features of special interest.
28a.	Game and waterfowl management and hunting practices and alterations to game and waterfowl management and hunting practice.

Notes

- i. This is a list of operations appearing to Natural England to be likely to damage the special features of the SSSI, as required under section 28 (4) (b) of the Wildlife and Countryside Act 1981 substituted by Schedule 9 to the Countryside and Rights of Way Act 2000.
- ii. Where an operation has been granted a consent, licence or permission from another authority separate consent will not be required from Natural England. However, other authorities are required to consult Natural England before such consents, licences or permissions are issued.
- iii. Any reference to 'animal' in this list shall be taken to include any mammal, reptile, amphibian, bird, fish, or invertebrate.

Date notified: 23 November 2011

National Grid Reference: SK199524

Annex 4

Map showing the land notified

This is a legal document on which you have a legal right to make objections or representations, as explained in part 3 of this notification document.

Insert map here