

**European Community Directive
on the Conservation of Natural Habitats
and of Wild Fauna and Flora
(92/43/EEC)**

**Second Report by the United Kingdom under
Article 17
on the implementation of the Directive
from January 2001 to December 2006**

**Conservation status assessment for
Habitat:
H7230 - Alkaline fens**

The information in this assessment corresponds to the "habitat fact sheet" submitted by the UK to the European Union in February 2008 (second and final submission). Please note that this is a section of the UK's report. For the complete report visit <http://www.jncc.gov.uk/article17>

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Habitat Name: Alkaline fens

1. National level

Habitat Code H7230

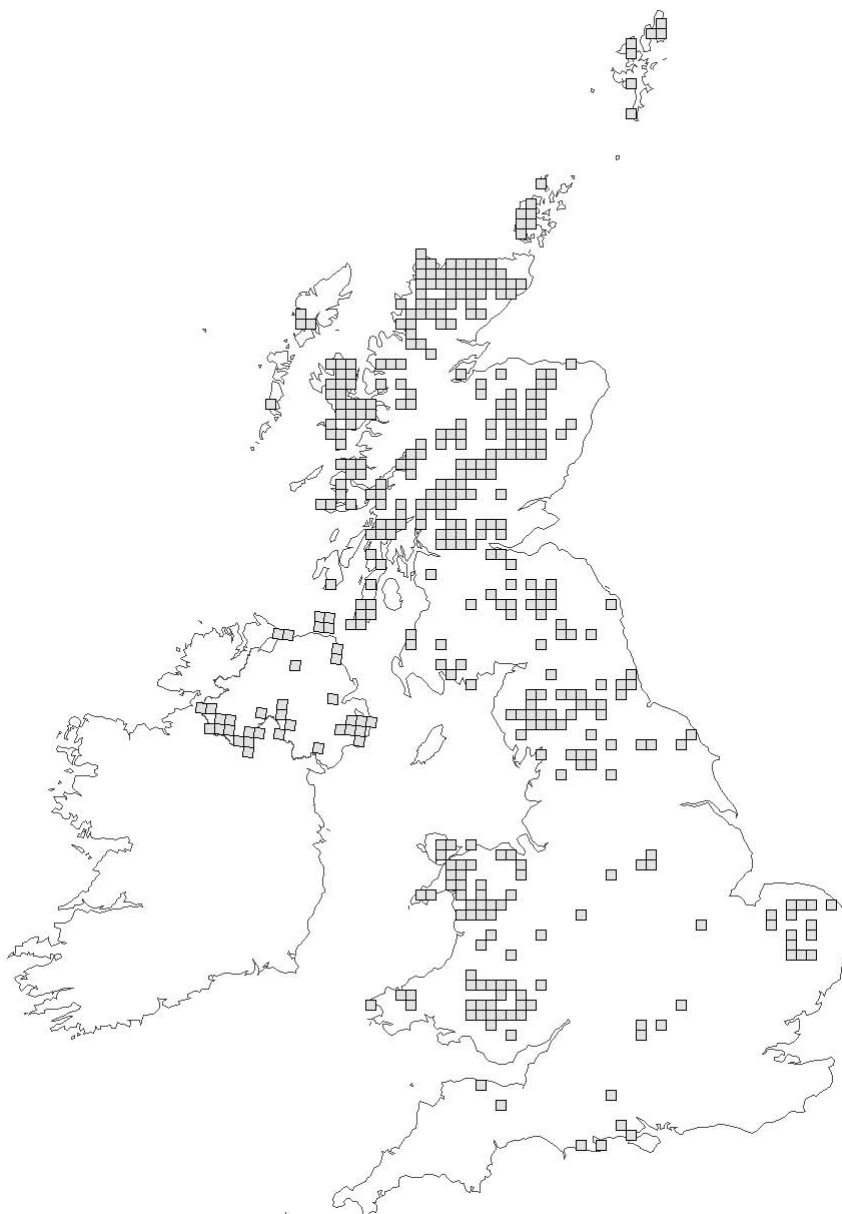
Member State UK

Biogeographic regions concerned within the MS ATL

1.1 Habitat range map



1.2 Habitat distribution map



2. Biogeographic level

2.1 Biogeographic region or marine region

ATL

2.2 Published sources and/or websites

JACKSON, DL & MCLEOD, CR (eds.) 2002. Handbook on the UK status of EC Habitats Directive interest features: provisional data on the UK distribution and extent of Annex I habitats and the UK distribution and population size of Annex II species. JNCC Report, No. 312. Version 2. www.jncc.gov.uk/page-2447

JOINT NATURE CONSERVATION COMMITTEE 2005. Common Standards Monitoring (CSM). Joint Nature Conservation Committee, Peterborough
www.jncc.gov.uk/page-2217

Map data sources

British Plant Communities.1995. Volumes 1-5. Cambridge University Press, Cambridge

Inter-agency Coastal Specialist Working Group. 1999

| | |
|---|---|
| | JNCC International Designations Database. Joint Nature Conservation Committee Peatland Survey. 1988. Environmental Heritage Service & Queens University Belfast SNH Uplands Database, (18-12-98) 10KMVEG.XLS. Scottish Natural Heritage |
| 2.3 Range of the habitat within the Biogeographic or marine region | |
| 2.3.1 Surface area of range in square km | 108178 |
| 2.3.2 Date of range determination | 05/2007 |
| 2.3.3 Quality of data concerning range | Moderate |
| 2.3.4 Range trend | Unknown (X) |
| 2.3.5 Range trend magnitude in % | Not applicable |
| 2.3.6 Range trend period | 1994-2006 |
| 2.3.7 Reasons for reported trend | Not applicable |
| 2.4 Area covered by habitat type within the range in the biogeographical region concerned. | |
| 2.4.1 Surface area of the habitat type (sq km) | >16.32 |
| 2.4.2 Date of area estimation | 05/2007 |
| 2.4.3 Method used for area estimation | 1 - Only or mostly based on expert opinion |
| 2.4.4 Quality of data on area | Poor |
| 2.4.5 Area trend | unknown (X) |
| 2.4.6 Area trend magnitude in % | Not applicable |
| 2.4.7 Area trend period | 1994-2006 |
| 2.4.8 Reasons for reported trend | Not applicable |
| 2.4.9 Justification of % thresholds for trends (optional) | Not applicable |
| 2.4.10 Main pressures | 140 - Grazing; 141 - Abandonment of pastoral systems; 180 - Burning; 701 - water pollution; 890 - Other human induced changes in hydraulic conditions; 990 - Other natural processes; |
| 2.4.11 Threats | 140 - Grazing; 141 - Abandonment of pastoral systems; 180 - Burning; 701 - water pollution; 750 - Other pollution or human impacts/activities; 890 - Other human induced changes in hydraulic conditions; 990 - Other natural processes; |
| Complementary information | |
| 2.5.1 Favourable reference range (sq km) | |
| 2.5.2 Favourable reference area (sq km) | Unknown |
| 2.5.3 Typical species | <i>Dactylorhiza traunsteineri</i> ; <i>Eriophorum latifolium</i> ; <i>Isolepis setacea</i> ; <i>Minuartia stricta</i> ; <i>Ophrys insectifera</i> ; |
| 2.5.4 Typical species assessment | Change in 10km square occupancy over past 25 yrs |

| | |
|---|---------------------------|
| 2.5.5 Other relevant information | |
| 2.6 Conclusions (assessment of conservation status at end of reporting period) | |
| (2.3) Range | (FV) - Favourable |
| (2.4) Area | (XX) - Unknown |
| (2.5) Specific structures and functions (incl. typical species) | (U2) - Bad |
| Future prospects | (U2+) - Bad but improving |
| Overall assessment | (U2) - Bad |