

**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:**

**H3110 - Oligotrophic waters containing very few  
minerals of sandy plains (*Littorelletalia uniflorae*)**

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: Oligotrophic waters containing very few minerals of sandy plains**  
*(Littorelletalia uniflorae)*

1. National level	
Habitat Code	H3110
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

Air Pollution Information System 2004. [www.apis.ceh.ac.uk](http://www.apis.ceh.ac.uk)

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CORINE Biotopes manual, Habitats of the European Community. EUR 12587/3, Office for Official Publications of the European Communities, 1991.

- DEVILLERS, P. & DEVILLERS-TERSCHUREN, J. 1993. A classification of Palaearctic habitats. Strasbourg: Council of Europe
- DUIGAN CA, KOVACH WL, PALMER M. 2006. Vegetation communities of British lakes: a revised classification, Online only, ISBN 1 86107 575 8  
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[http://ec.europa.eu/environment/nature/nature\\_conservation/eu\\_enlargement/2004/pdf/habitats\\_im\\_en.pdf](http://ec.europa.eu/environment/nature/nature_conservation/eu_enlargement/2004/pdf/habitats_im_en.pdf)
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- JEPPESEN E, SØNDERGAARD M, JENSEN JP, HAVENS K, ANNEVILLE O, CARVALHO L et al., 2005. Lake responses to reduced nutrient loading – an analysis of contemporary data from 35 European and North American long term studies. *Freshwater Biology* 50 Issue (10) 1747 – 1771
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<http://www.jncc.gov.uk/page-2217>
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[www.jncc.gov.uk/SACselection](http://www.jncc.gov.uk/SACselection)
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- PRESTON CD, PEARMAN DA & DINES TD 2002. New Atlas of the British and Irish Flora. Oxford. p. 910
- UK TECHNICAL ADVISORY GROUP (UKTAG) 2004. Guidance on Typology

	<p>for Lakes for the UK. Available via the internet at <a href="http://www.wfduk.org">www.wfduk.org</a></p> <p>WILLIAMS, JM (ed.) 2006. Common Standards Monitoring for Designated Sites: First Six Year Report. Joint Nature Conservation Committee, Peterborough. <a href="http://www.jncc.gov.uk/page-3520">http://www.jncc.gov.uk/page-3520</a></p> <p>Map data sources</p> <p>JNCC International Designations Database. Joint Nature Conservation Committee</p>
<b>2.3 Range of the habitat within the Biogeographic or marine region</b>	
2.3.1 Surface area of range in square km	12950
2.3.2 Date of range determination	05/2007
2.3.3 Quality of data concerning range	Moderate
2.3.4 Range trend	Stable (=)
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
<b>2.4 Area covered by habitat type within the range in the biogeographical region concerned.</b>	
2.4.1 Surface area of the habitat type (sq km)	5
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; 220 - Leisure fishing; 701 - water pollution; 702 - air pollution; 853 - management of water levels; 900 - Erosion; 920 - Drying out; 930 - Submersion; 952 - eutrophication; 954 - invasion by a species; 971 - competition;
2.4.11 Threats	220 - Leisure fishing; 701 - water pollution; 702 - air pollution; 853 - management of water levels; 920 - Drying out; 930 - Submersion; 952 - eutrophication; 954 - invasion by a species; 971 - competition;
<b>Complementary information</b>	
2.5.1 Favourable reference range (sq km)	12950
2.5.2 Favourable reference area (sq km)	Unknown
2.5.3 Typical species	<i>Baldellia ranunculoides</i> ; <i>Elatine hexandra</i> ; <i>Lobelia dortmanna</i> ; <i>Subularia aquatica</i> ;

2.5.4 Typical species assessment	Change in 10 km square occupancy over last 25yrs
2.5.5 Other relevant information	
<b>2.6 Conclusions (assessment of conservation status at end of reporting period)</b>	
(2.3) Range	(FV) - Favourable
(2.4) Area	(XX) - Unknown
(2.5) Specific structures and functions (incl. typical species)	(U2+) - Bad but improving
Future prospects	(FV) - Favourable
Overall assessment	(U2+) - Bad but improving