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:

H3150 - Natural eutrophic lakes with *Magnopotamion* or *Hydrocharition*-type vegetation

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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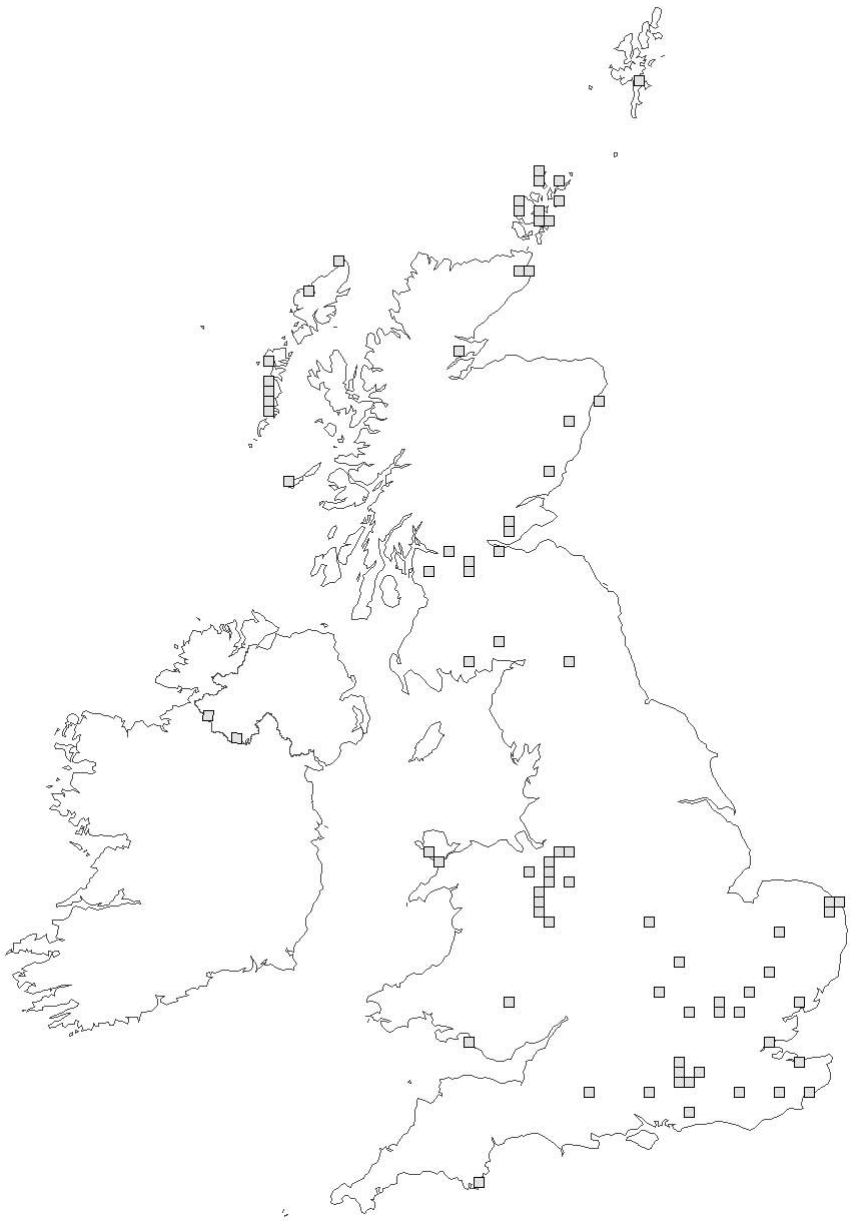
Habitat Name: Natural eutrophic lakes with *Magnopotamion* or *Hydrocharition*-type vegetation

1. National level	
Habitat Code	H3150
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 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 http://www.jncc.gov.uk/page-3703 EUROPEAN COMMISSION DG ENVIRONMENT 2003 Interpretation manual of European Union habitats (version EUR25). European Commission DG Environment, Brussels.

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SAYER, CD., HOARE, DJ., SIMPSON, GL., HENDERSON, ACG., LIPTROT, ER., JACKSON MJ., APPLEBY, PG., BOYLE, JF, JONES JI., WALDOCK, MJ 2006. TBT causes regime shift in shallow lakes. Environmental Sceince and Technology 40(17) 5269-5275

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WILLIAMS, JM (ed.) 2006 Common Standards Monitoring for Designated Sites: First Six Year Report. Joint Nature Conservation Committee, Peterborough. http://www.jncc.gov.uk/page-3520

WOLFE-MURPHY, SA, LAWRIE, EW, SMITH, SJ & GIBSON, CE 1992 Northern Ireland Lakes Survey. Unpublished report to Northern Ireland Department of Environment, Belfast.

Map data sources

JNCC International Designations Database. Joint Nature Conservation Committee

2.3 Range of the habitat within the Biogeographic or marine region

2.3.1 Surface area of range in square km	25228
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
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)	Unknown
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; 920 - Drying out; 930 - Submersion; 952 - eutrophication; 954 - invasion by a species; 971 - competition;
2.4.11 Threats	140 - Grazing; 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;
Complementary information	
2.5.1 Favourable reference range (sq km)	25228
2.5.2 Favourable reference area (sq km)	Unknown
2.5.3 Typical species	none listed
2.5.4 Typical species assessment	Not applicable
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

Overall assessment	(U2) - Bad