

**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:**

**H3260 - Water courses of plain to montane levels
with the *Ranunculion fluitantis* and *Callitricho-
Batrachion* 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: Water courses of plain to montane levels with the *Ranunculion fluitantis* and *Callitricho-Batrachion* vegetation

1. National level	
Habitat Code	H3260
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

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

ENVIRONMENT AGENCY 2005. River Basin Characterisation for the Water Framework Directive. See www.environment-agency.gov.uk

ENVIRONMENT AGENCY 2005. Fisheries Statistics 2005. Salmonid and freshwater fisheries statistics for England and Wales.

ENVIRONMENT AGENCY 1998. River habitat quality: the physical character of rivers and streams in the UK and Isle of Man. Environment Agency, Bristol.

	<p>EUROPEAN COMMISSION DG ENVIRONMENT 2003. Interpretation manual of European Union habitats version EUR25.. European Commission DG Environment, Brussels.</p> <p>http://ec.europa.eu/environment/nature/nature_conservation/eu_enlargement/2004/pdf/habitats_im_en.pdf</p> <p>HATTON-ELLIS, T ,GRIEVE, N AND NEWMAND, J 2003. Ecology of watercourses characterised by Ranunculion fluitantis and Callitriche-Batrachion vegetation. Conserving Natura 2000 rivers, Ecology series No 11. English Nature, Peterborough.</p> <p>HOLMES, NT, Boon, PJ., & Rowell, TA. 1999. Vegetation communities of British rivers - a revised classification, 120 pages A4 softback 10 colour photographs, ISBN 1 86107 458 1.</p> <p>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</p> <p>JOINT NATURE CONSERVATION COMMITTEE 2003. 2002 Reporting system for Lead Partners. Joint Nature Conservation Committee, Peterborough. www.ukbap.org.uk</p> <p>JOINT NATURE CONSERVATION COMMITTEE 2005. Common Standards Monitoring CSM.. Joint Nature Conservation Committee, Peterborough www.jncc.gov.uk/page-2217</p> <p>MCLEOD, CR, YEO, M, BROWN, AE, BURN, AJ, HOPKINS, JJ, & WAY, SF (eds.). 2007. The Habitats Directive: selection of Special Areas of Conservation in the UK. 2nd edn. Joint Nature Conservation Committee, Peterborough www.jncc.gov.uk/SACselection</p> <p>SCOTTISH ENVIRONMENT PROTECTION AGENCY 2005. River Basin Characterisation for the Water Framework Directive. See www.sepa.org.uk.</p> <p>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</p> <p>Map data sources</p> <p>JNCC International Designations Database. Joint Nature Conservation Committee</p> <p>Ranunculus distribution in Northern Ireland 1970-99. Centre for Environmental Data and Recording</p> <p>Water courses of plain to montane levels data. 2000. Biological Records Centre</p>
2.3 Range of the habitat within the Biogeographic or marine region	
2.3.1 Surface area of range in square km	193696
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	
2.4.4 Quality of data on area	Poor
2.4.5 Area trend	Decreasing (-)
2.4.6 Area trend magnitude in %	0.15% per annum
2.4.7 Area trend period	1994-2006
2.4.8 Reasons for reported trend	3 - Direct human influence; 4 - Indirect anthropo or zoogenic influence;
2.4.9 Justification of % thresholds for trends (optional)	Not applicable
2.4.10 Main pressures	110 - Use of pesticides; 120 - Fertilisation; 130 - Irrigation; 220 - Leisure fishing; 421 - disposal of household waste; 422 - disposal of industrial waste; 701 - water pollution; 830 - Canalisation; 852 - modifying structures of inland water courses; 910 - Silting up; 954 - invasion by a species; 971 - competition;
2.4.11 Threats	110 - Use of pesticides; 120 - Fertilisation; 130 - Irrigation; 220 - Leisure fishing; 421 - disposal of household waste; 422 - disposal of industrial waste; 701 - water pollution; 830 - Canalisation; 852 - modifying structures of inland water courses; 910 - Silting up; 952 - eutrophication; 954 - invasion by a species; 971 - competition;
Complementary information	
2.5.1 Favourable reference range (sq km)	193696
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	(U1) - Inadequate
(2.5) Specific structures and functions (incl. typical species)	(U2-) - Bad and deteriorating
Future prospects	(U2-) - Bad and deteriorating
Overall assessment	(U2-) - Bad and deteriorating