

**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:**

**H2120 - Shifting dunes along the shoreline with
Ammophila arenaria (`white dunes`)**

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>

Please cite as: Joint Nature Conservation Committee. 2007. *Second Report by the UK under Article 17 on the implementation of the Habitats Directive from January 2001 to December 2006*. Peterborough: JNCC. Available from: www.jncc.gov.uk/article17

Habitat Name: Shifting dunes along the shoreline with *Ammophila arenaria* (white dunes)

1. National level	
Habitat Code	H2120
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

CARTER, R. W. G. & WILSON, P. 1990. The geomorphological, ecological and pedological development of coastal foredunes at Magilligan Point, Northern Ireland. In Nordstrom, Karl F. & Norbert Psuty, Bill Carter (eds.): Coastal dunes, form and process, 130-157. John Wiley & Sons, West Sussex.

COOPER, E. A., CRAWFORD, I., MALLOCH, A.J.C. & RODWELL, J.S. 1992. Coastal Vegetation Survey of Northern Ireland. Unpublished report to Department of the Environment for Northern Ireland.

DARGIE, T.C.D. 1995. Sand dune vegetation survey of Great Britain: a national

inventory. Part 3:
Wales. Joint Nature Conservation Committee, Peterborough.

DARGIE, T.C.D. 1998. Sand dune vegetation survey of Scotland: Western Isles. Scottish Natural Heritage Research, Survey and Monitoring Report No. 96.

DARGIE, T.C.D. 2000. Sand Dune Vegetation Survey of Scotland: national report (2 vols). Scottish Natural Heritage, Battleby (Contract No. SNH/032/95/AEB).

HAINES-YOUNG, R.H. et al. 2000. Accounting for nature: assessing habitats in the UK countryside. DETR, Rotherham.

JACKSON, D.L. & MCLEOD, C.R. (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

JOINT NATURE CONSERVATION COMMITTEE. 2006. Common Standards Monitoring for Designated Sites: First six year report. Joint Nature Conservation Committee, Peterborough <http://www.jncc.gov.uk/page-3520>

MAY, V. J. & HANSOM, J. D. 2003. Coastal geomorphology of Great Britain. Geological Conservation Review Series, 28. Peterborough: Joint Nature Conservation Committee.

MCLEOD, C.R., YEO, M., BROWN, A.E., BURN, A.J., HOPKINS, J.J. & WAY, S.F. (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

PYE, K. & SAYE, S. 2005. The Geomorphological Response of Welsh Sand Dunes to Sea Level Rise over the Next 100 Years and the Management Implications for SAC and SSSI Sites. CCW Contract Science Report No 670.

PYE, K. 1990. Physical and human influences on coastal dune development between the Ribble and Mersey estuaries, north-west England. IN/ Nordstrom K.F., Psuty N. P. & Carter R.W.G. (eds.) Coastal dunes: form and process. Wiles, Chichester. pp337-359

RADLEY. 1994. Sand Dune Vegetation Survey of Great Britain: A National Inventory. JNCC,

	<p>Peterborough.</p> <p>RODWELL, J.S. 2000. British Plant Communities. Volume 5 Maritime communities and vegetation of open habitats. Cambridge University Press.</p> <p>SMITH, P. 1992. The Sands of Time. National Museums and Galleries on Merseyside in association with Sefton Metropolitan Borough Council.</p> <p>UKBAP website; www.ukbap.org.uk</p> <p>Map data sources</p> <p>British Plant Communities.1995. Volumes 1-5. Cambridge University Press, Cambridge</p> <p>Coastal vegetation survey of Northern Ireland. 1992. University of Lancaster, Unit of Vegetation Science</p> <p>Sand Dune Database. 1995. Joint Nature Conservation Committee</p> <p>JNCC International Designations Database. Joint Nature Conservation Committee</p> <p>Sand dune vegetation survey of Scotland. Scottish Natural Heritage</p>
--	--

2.3 Range of the habitat within the Biogeographic or marine region

2.3.1 Surface area of range in square km	3267
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)	22.2
2.4.2 Date of area estimation	05/2007
2.4.3 Method used for area estimation	2 - Based on remote sensing data
2.4.4 Quality of data on area	Moderate
2.4.5 Area trend	Decreasing (-)
2.4.6 Area trend magnitude in %	Unknown
2.4.7 Area trend period	1950-2006
2.4.8 Reasons for reported trend	3 - Direct human influence; 4 - Indirect anthropo or zoogenic influence; 5 - Natural processes;

2.4.9 Justification of % thresholds for trends (optional)	Not applicable
2.4.10 Main pressures	302 - removal of beach materials; 400 - Urbanised areas, human habitation; 410 - Industrial or commercial areas; 421 - disposal of household waste; 422 - disposal of industrial waste; 622 - walking, horseriding and non-motorised vehicles; 623 - motorised vehicles; 702 - air pollution; 871 - sea defense or coast protection works; 900 - Erosion;
2.4.11 Threats	302 - removal of beach materials; 400 - Urbanised areas, human habitation; 410 - Industrial or commercial areas; 421 - disposal of household waste; 422 - disposal of industrial waste; 622 - walking, horseriding and non-motorised vehicles; 623 - motorised vehicles; 702 - air pollution; 871 - sea defense or coast protection works; 900 - Erosion; 930 - Submersion;
Complementary information	
2.5.1 Favourable reference range (sq km)	3267
2.5.2 Favourable reference area (sq km)	22.2
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
Future prospects	(U1) - Inadequate
Overall assessment	(U2) - Bad