

**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
Species:
S1357 - *Martes martes* - Pine marten**

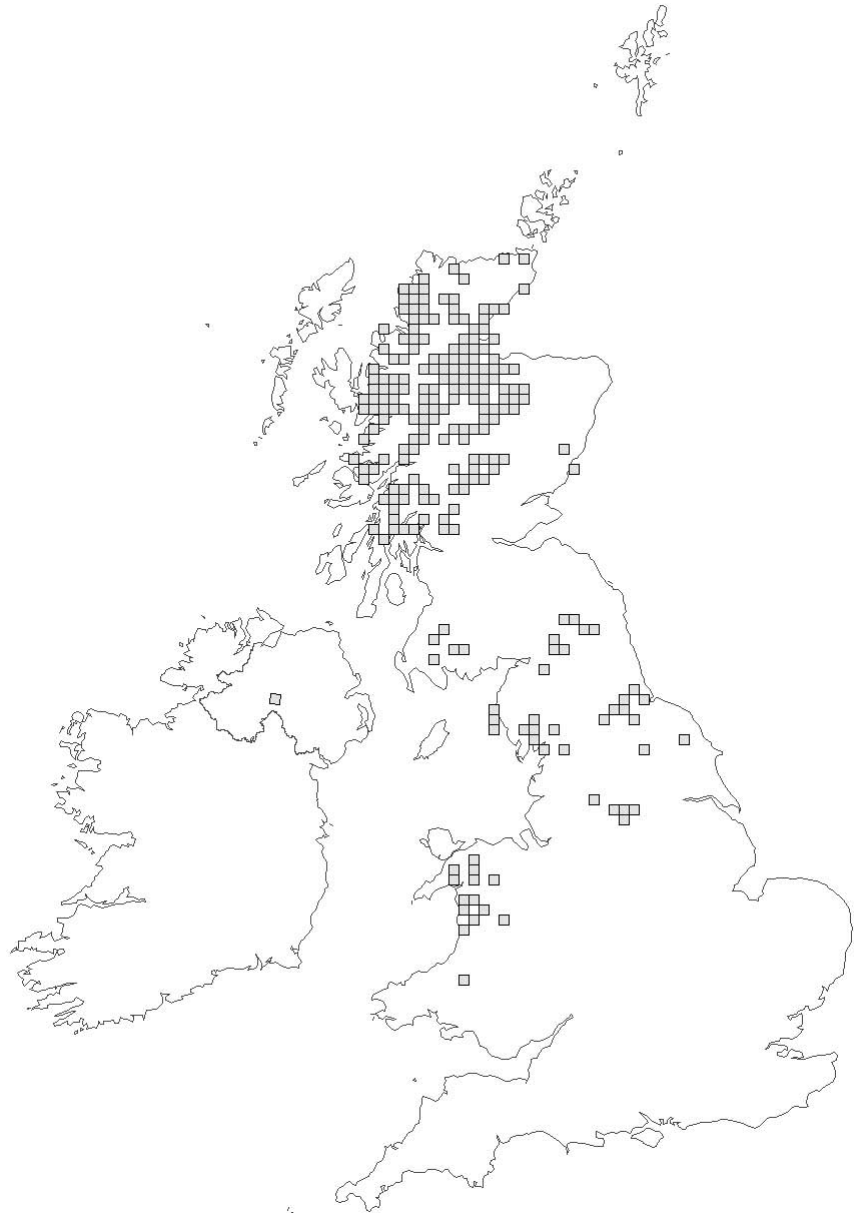
The information in this assessment corresponds to the "species fact sheet" submitted by the UK to the European Union in February 2008 (second and final submission). Please note that this is a section of the UK's report. For the complete report visit <http://www.jncc.gov.uk/article17>

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Species Name: *Martes martes*

1. National level	
Species Code	S1357
Member State	United Kingdom
Biogeographic regions concerned within the Member state	ATL
1.1 Range map	 A map of the United Kingdom showing the distribution of <i>Martes martes</i> . The distribution is indicated by shaded areas in grey. The shaded regions include: the Scottish Highlands and parts of the Scottish Lowlands; the Pennine Mountains in northern England; the Cotswolds in central England; and a small area in the south of England. The map also shows the outline of Ireland and the Channel Islands.

1.2 Distribution map



2. Biogeographic level

2.1 Biogeographic region

ATL

2.2 Published sources and/or websites

BALHARRY, D. 1993. Factors affecting the distribution and population density of pine martens (*Martes martes*) in Scotland. PhD Thesis, University of Aberdeen.

BALHARRY, E.A., MCGOWAN, G.M., KRUK, H. AND HALLIWELL, E. 1996 Distribution of pine martens in Scotland as determined by field survey and questionnaire. Scottish Natural Heritage Research, Survey and Monitoring Report. No. 48.

BATTERSBY, J (ed.) & TRACKING MAMMALS PARTNERSHIP. 2005. UK Mammals: Species Status and Population Trends. Joint Nature Conservation Committee/Tracking Mammals Partnership.

BIRKS, J.D.S., MESSENGER, J.E., BRAITHWAITE, A.C., DAVISON, A., BROOKES, R.C. & STRACHAN, C. 2004. Are scat surveys a reliable

method for assessing distribution and population status of pine martens? In HARRISON, D.J., FULLER, A.K. & PROULX, G. (eds.). Martens and fishers (Martes) in human-altered environments: an international perspective. Pages 235-252. Springer Science, New York, USA.

BIRKS, J.D.S., MESSENGER, J.E. & HALLIWELL, E. 2005. Diversity of den sites used by pine martens *Martes martes*: a response to the scarcity of arboreal cavities? *Mammal Review* 35: 313-320.

BRIGHT, P. 2001. Should Pine Marten's be Re-introduced to England? In: Poland Bowen, C. (ed.) 2003 Conference Proceedings 2001-2002: The Return of the Native – The Reintroduction of Native Species Back into their Natural Habitat. p10. People's Trust for Endangered Species/Mammal Trust UK.

BRIGHT, P.W. & SMITHSON, T.J. 1997. Species Recovery Programme for the Pine Marten in England: 1995-96. English Nature Research Reports 240: 1-64. English Nature, Peterborough

HAINES-YOUNG, R.H., BARR, C.J., BLACK, H.I.J., BRIGGS, D.J., BUNCE, R.G.H., CLARKE, R.T., COOPER, A., DAWSON, F.H., FIRBANK, L.G., FULLER, R.M., FURSE, M.T., GILLESPIE, M.K., HILL, R., HORNUNG, M., HOWARD, D.C., McCANN, T., MORECROFT, M.D., PETIT, S., SIER, A.R.J., SMART, S.M., SMITH, G.M., STOTT, A.P., STUART, R.C. & WATKINS, J.W. 2000. Accounting for nature: assessing habitats in the UK countryside. Countryside Survey 2000. DETR, HMSO, London.

HALLIWELL, E. 1997. The ecology of red squirrels in Scotland in relation to pine marten predation. Unpublished PhD thesis, University of Aberdeen, Scotland.

HARRIS, S., MORRIS, P., WRAY, S. AND YALDEN, D. 1995. A Review of British Mammals. Joint Nature Conservation Committee

LANGLEY, P.J.W., & YALDEN, D.W. 1977. The decline of the rarer carnivores in Great Britain during the nineteenth century. *Mammal Review*, 7: 95-116

MACDONALD, D.W. & BAKER S. 2005. The state of Britain's Mammals 2005. Mammals Trust UK/WildCRU

MACDONALD, D.W. & TATTERSALL, F.T. 2001. Britain's Mammals: The Challenge for Conservation. Mammals Trust UK/WildCRU.

STRACHAN, C., JEFFERIES, D.J. & CHANIN, P.R.F. 1996. Pine marten survey of England and Wales 1987–1988. Joint Nature Conservation Committee.

TOSH, D. & MCDONALD, R. (in press) An assessment of the conservation

	<p>status of the pine marten <i>Martes martes</i> in Northern Ireland. Quercus Project QU04-13.</p> <p>VELANDER, K.A. 1983. Pine marten survey of Scotland, England and Wales 1980-1982. Vincent Wildlife Trust, London.</p> <p>Map Data Sources</p> <p>Biological Records Centre - Mammals & Irish Otter Databases; Highland Biological Recording Group - Mammals dataset; and Environment and Heritage Service - Species Dataset (via NBN Gateway)</p> <p>BTO/JNCC/RSPB Breeding Bird Survey (mammal count and presence data 1995-2005).</p>			
2.3 Range of species in the biogeographic region or marine region				
2.3.1 Surface range of the species (sq km)	69036			
2.3.2 Date of range determination	1990-2006			
2.3.3 Quality of data concerning range	Moderate			
2.3.4 Range trend	Increasing (+)			
2.3.5 Range trend magnitude (%)	Unknown			
2.3.6 Range trend period	1982-2004			
2.3.7 Reasons for reported trend	3 - Direct human influence;			
2.4 Population				
2.4.1 Population size estimation	Minimum	3500	Maximum	Unknown
	Units	Individuals		
2.4.2 Date of population estimation	2004			
2.4.3 Method used for population estimation	1 - Based on expert opinion			
2.4.4 Quality of population data	Moderate			
2.4.5 Population trend	Increasing (+)			
2.4.6 Population trend magnitude (%)	35			
2.4.7 Population trend period	1994-2004			
2.4.8 Reasons for reported trend	3 - Direct human influence;			
2.4.9 Justification of % thresholds for trends (optional)	Not applicable			
2.4.10 Main pressures	160 - General Forestry management; 166 - Removal of dead and dying trees; 167 - Exploitation without replanting; 243 - trapping, poisoning, poaching;			
2.4.11 Threats	160 - General Forestry management; 166 - Removal of dead and dying trees; 167 - Exploitation without replanting; 243 - trapping, poisoning, poaching;			
2.5 Habitat for the species in the biogeographic region or marine region				
2.5 Habitats for the species	<i>M. martes</i> is generally found in deciduous and coniferous forest and rocky			

	areas, but also lives alongside human habitation, occupying wood stacks, farm buildings and loft spaces (Macdonald & Tattersall 2001). Scarcity of arboreal cavities may result in a shortage of suitable den sites and could in turn limit populations (Birks et al. 2005).
2.5.2 Area estimation (sq km)	Unknown
2.5.3 Date of estimation	05/2007
2.5.4 Quality of data	Poor
2.5.5 Trend of the habitat	Increasing (+)
2.5.6 Trend period	1990-1998
2.5.7 Reasons for reported trend	3 - Direct human influence;
2.6 Future prospects	
2.6 Future prospects for the species	Good prospects_Species expected to survive and prosper
2.7 Complementary information	
2.7.1 Favourable reference range (sq km)	69036
2.7.2 Favourable reference population	2600
2.7.3 Suitable Habitat for the species	Unknown
2.7.4 Other relevant information	
2.8 Conclusions <i>(assessment of conservation status at end of reporting period)</i>	
(2.3) Range	(FV) - Favourable
(2.4) Population	(FV) - Favourable
(2.5) Habitat for the species	(XX) - Unknown
(2.6) Future prospects	(FV) - Favourable
Overall assessment	(FV) - Favourable