Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

SPECIES NAME: **Martes martes**
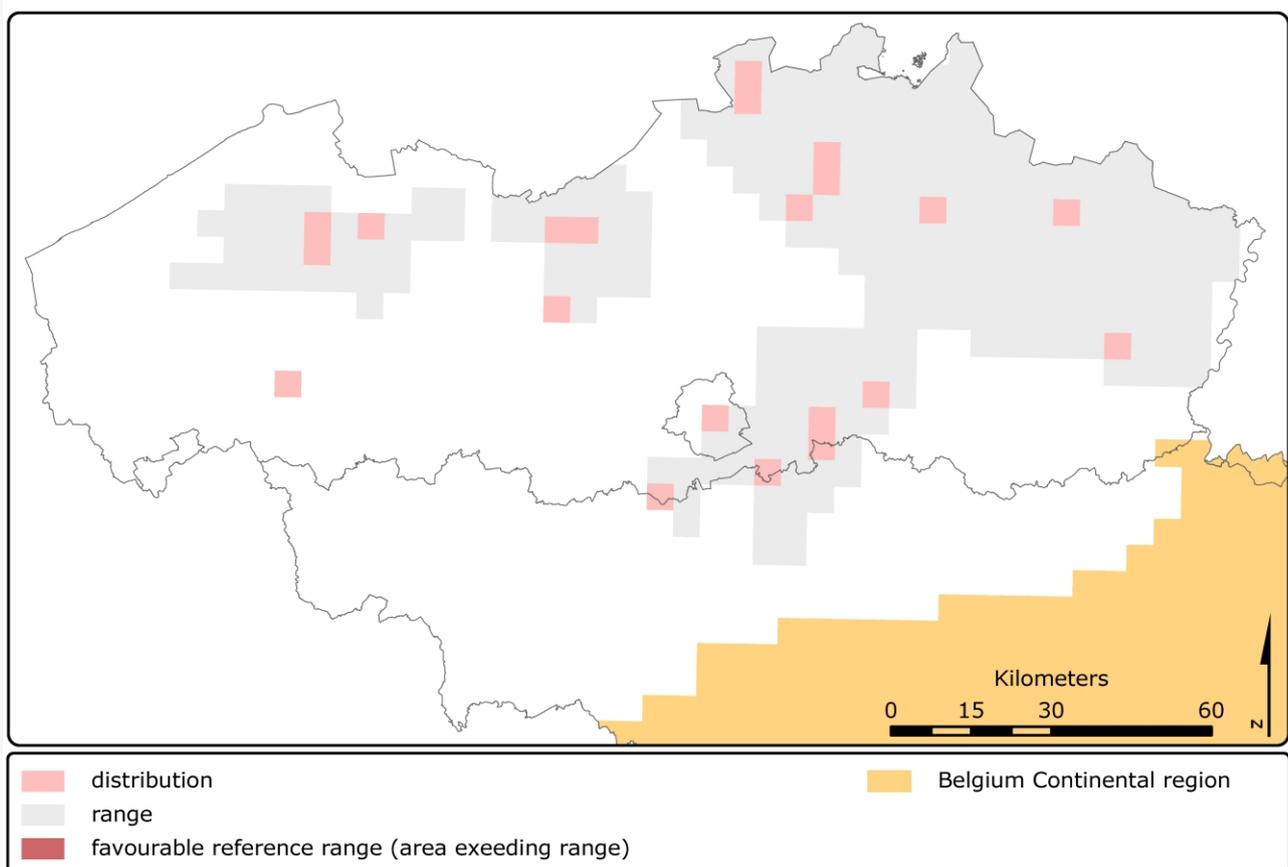
1. National level

Biogeographic regions and/or marine regions concerned in the MS: **ATL CON**

2. Biogeographical or marine level

2.1 Biogeographical region or marine region: Atlantic

Van Den Berge K. (2008) Conservation status of the Natura 2000 species Pine marten (Martes martes) for the Belgian Atlantic region, In: Paelinckx D., Van Landuyt W. & De Bruyn L. (ed.). Conservation status of the Natura 2000 habitats and species. Report of the Research Institute for Nature and Forest, INBO.R.2008.15. Brussels. In prep

	distribution
	range
	favourable reference range (area exeeding range)
	Belgium Continental region

2.2 Published sources and/or websites	Van Den Berge, K. & De Pauw W., 2003. Boommarter Martes martes (Linnaeus, 1758). In: Verkem, S., De Maeseneer, J., Vandendriessche, B., Verbeylen, G. & Yskout, S. Zoogdieren in Vlaanderen. Ecologie en verspreiding van 1987 tot 2002. Natuurpunt Studie en JNM-Zoogdierenwerkgroep, Mechelen & Gent, België. Van Den Berge, K., Broekhuizen, S. & Müskens, G.J.D.M., 2000. Voorkomen van de boommarter Martes martes in Vlaanderen en het zuiden van Nederland. Lutra 43 (2): 125-136. www.inbo.be/natura2000be

2.3 Range of species in the biogeographic region or marine region

2.3.1 Surface range of the species in km2	6502
2.3.2 Date of range determination	1987-2006
2.3.3 Quality of data concerning range	Moderate e.g. based on partial data with some extrapolation
2.3.4 Range trend	Increasing (+)
2.3.5 Range trend magnitude (km2) - optional	1672
2.3.6 Range trend period	1987-2006
2.3.7 Reasons for reported trend	Improved knowledge/more accurate data Direct human influence (restoration, deterioration, destruction) Indirect anthropo(zoo)genic influence Natural processes
Other (specify)	N/A

2.4 Population of the species in the biogeographic region or marine region

2.4.1 Population size estimation		
Minimum population	Maximum population	Population units
30	50	Number of individuals

2.4.2 Date of population estimation	1998-2006
2.4.3 Method used for population estimation	Based on expert opinion Extrapolation from surveys of part of the population or from sampling
2.4.4 Quality of population data	Moderate e.g. based on partial data with some extrapolation
2.4.5 Population trend	Increasing (+)
2.4.6 Population trend magnitude	N/A
2.4.7 Population trend period	1998-2006
2.4.8 Reasons for reported trend	Improved knowledge/more accurate data Direct human influence (restoration, deterioration, destruction)
Other (specify)	N/A
2.4.9 Justification of % thresholds for trends (optional)	N/A
2.4.10 Main pressures	151 - removal of hedges and copses 166 - removal of dead and dying trees 167 - forest exploitation without replanting 243 - trapping, poisoning, poaching 502 - roads, motorways 623 - motorised vehicles
2.4.11 Threats	151 - removal of hedges and copses 166 - removal of dead and dying trees 243 - trapping, poisoning, poaching 502 - roads, motorways 623 - motorised vehicles

2.5 Habitat for the species in the biogeographic region or marine region

2.5.1 Habitats for the species	Favourite habitat of pine marten consist of all types of forest as long as they have enough food availability (prey, fruits,…) and suitable hiding places (tree holes,…). Also small forest fragments are being accepted, when they are part of a larger forest landscape.
2.5.2 Area estimation (km2)	6502
2.5.3 Date of estimation	2006

2.5.4 Quality of the data	Moderate e.g. based on partial data with some extrapolation
2.5.5 Trend of the habitat	Increasing (+)
2.5.6 Trend period	2001-2003
2.5.7 Reasons for reported trend	Direct human influence (restoration, deterioration, destruction) Natural processes
Other (specify)	N/A
2.6 Future prospects for the species	Poor prospects - species likely to struggle unless conditions change

2.7 Complementary information

2.7.1 Favourable reference range (km2)	6502
2.7.2 Favourable reference population	Much more than field 2.4.1 200
2.7.3 Suitable habitat for the species	6502
2.7.4 Other relevant information	For at least during the last century, pine marten has always been very rare as a result of historical deforestation and active persecution of all carnivores. Its presence in a reproducing population context was only proven in the last decade. Difference must be made between erratic and settled animals (a.o. based upon autopsy findings). Minimum viable population number is unknown but estimated at about 200 animals with an utmost critical number of 30. If considering three locations, populations should totalize some hundreds of specimen to be favourable.

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
(2.3) Range	Favourable (FV)	N/A
(2.4) Population	Bad (U2)	N/A
(2.5) Habitat for the species	Inadequate (U1)	N/A
(2.6) Future prospects	Inadequate (U1)	N/A
Overall assessment	Bad (U2)	N/A