

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

SPECIES NAME: **Misgurnus fossilis**

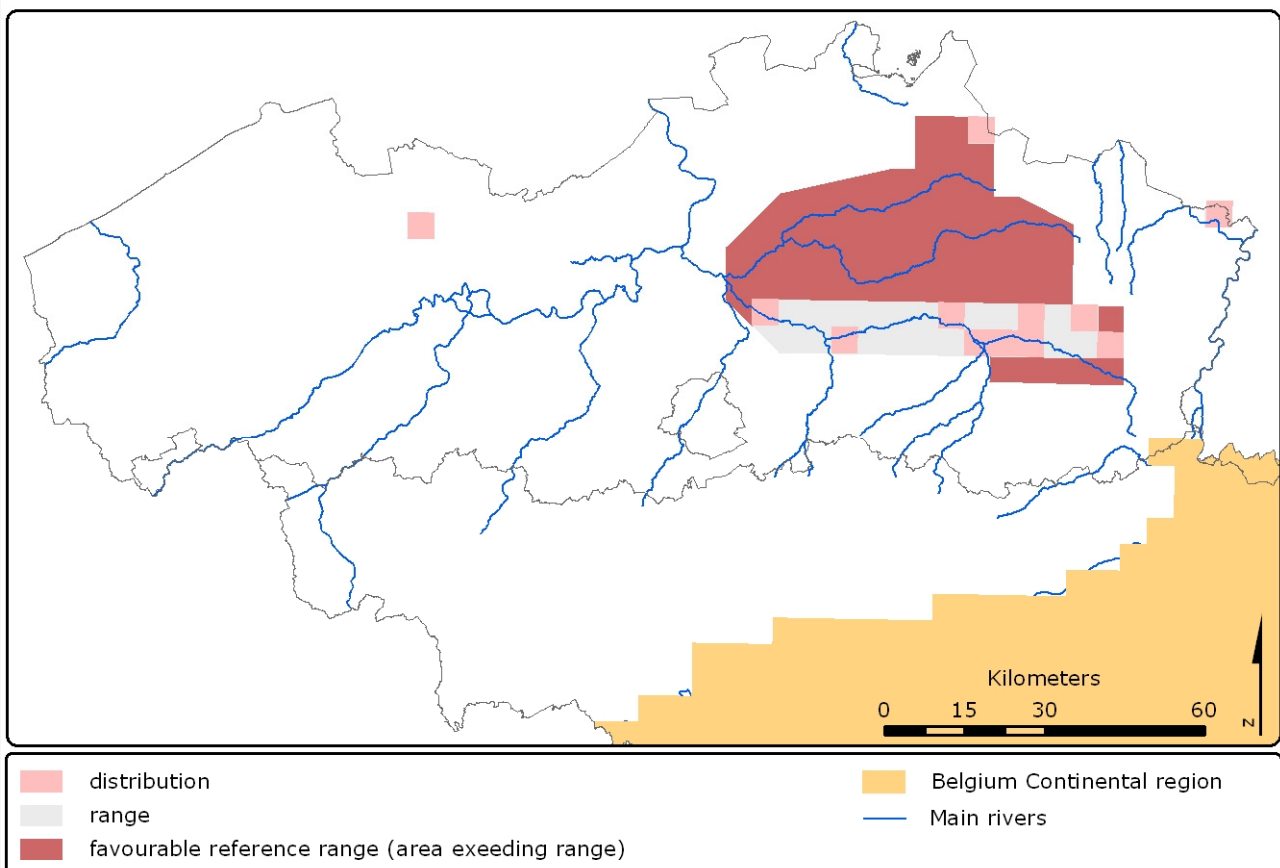
1. National level

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

2. Biogeographical or marine level

2.1 Biogeographical region or marine region: Atlantic

Simoens I. & Van Thuyne G. (2008) Conservation status of the Natura 2000 species Weather Loach (*Misgurnus fossilis*) 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



2.2 Published sources and/or websites <http://vis.milieuinfo.be/> 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 km ²	700
2.3.2 Date of range determination	1995-2006
2.3.3 Quality of data concerning range	Good e.g based on extensive surveys
2.3.4 Range trend	Stable (=)

2.3.5 Range trend magnitude (km ²) - optional	0
2.3.6 Range trend period	1995-2006
2.3.7 Reasons for reported trend	Direct human influence (restoration, deterioration, destruction)
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
12	12	Grids
2.4.2 Date of population estimation	1995-2006	
2.4.3 Method used for population estimation	Extrapolation from surveys of part of the population or from sampling	
2.4.4 Quality of population data	Good e.g based on extensive surveys	
2.4.5 Population trend	Stable (=)	
2.4.6 Population trend magnitude	0	
2.4.7 Population trend period	1996-2006	
2.4.8 Reasons for reported trend	Direct human influence (restoration, deterioration, destruction) Water quality increased, Migration barriers diminished	
Other (specify)	Water quality increased, Migration barriers diminished	
2.4.9 Justification of % thresholds for trends (optional)	N/A	
2.4.10 Main pressures	120 Fertilisation 400 Urbanised areas, human habitation 701 - water pollution 803 - infilling of ditches, dykes, ponds, pools, marshes or pits 810 Drainage 811 - management of aquatic and bank vegetation for drainage purposes 820 Removal of sediments (mud...) 952 - eutrophication	
2.4.11 Threats	120 Fertilisation 400 Urbanised areas, human habitation 701 - water pollution 803 - infilling of ditches, dykes, ponds, pools, marshes or pits 810 Drainage 811 - management of aquatic and bank vegetation for drainage purposes 820 Removal of sediments (mud...) 952 - eutrophication	

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

2.5.1 Habitats for the species	N/A
2.5.2 Area estimation (km ²)	N/A
2.5.3 Date of estimation	2006
2.5.4 Quality of the data	Poor e.g. based on very incomplete data or on expert judgement
2.5.5 Trend of the habitat	Stable (=)
2.5.6 Trend period	1996-2006
2.5.7 Reasons for reported trend	Direct human influence (restoration, deterioration, destruction)
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 (km ²)	2225	
2.7.2 Favourable reference population	Much more than field 2.4.1 12	
2.7.3 Suitable habitat for the species	N/A	
2.7.4 Other relevant information	N/A	
Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
(2.3) Range	Bad (U2)	N/A
(2.4) Population	Bad (U2)	N/A
(2.5) Habitat for the species	Bad (U2)	N/A
(2.6) Future prospects	Inadequate (U1)	N/A
Overall assessment	Bad (U2)	N/A