

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

SPECIES NAME: **Liparis loeselii**

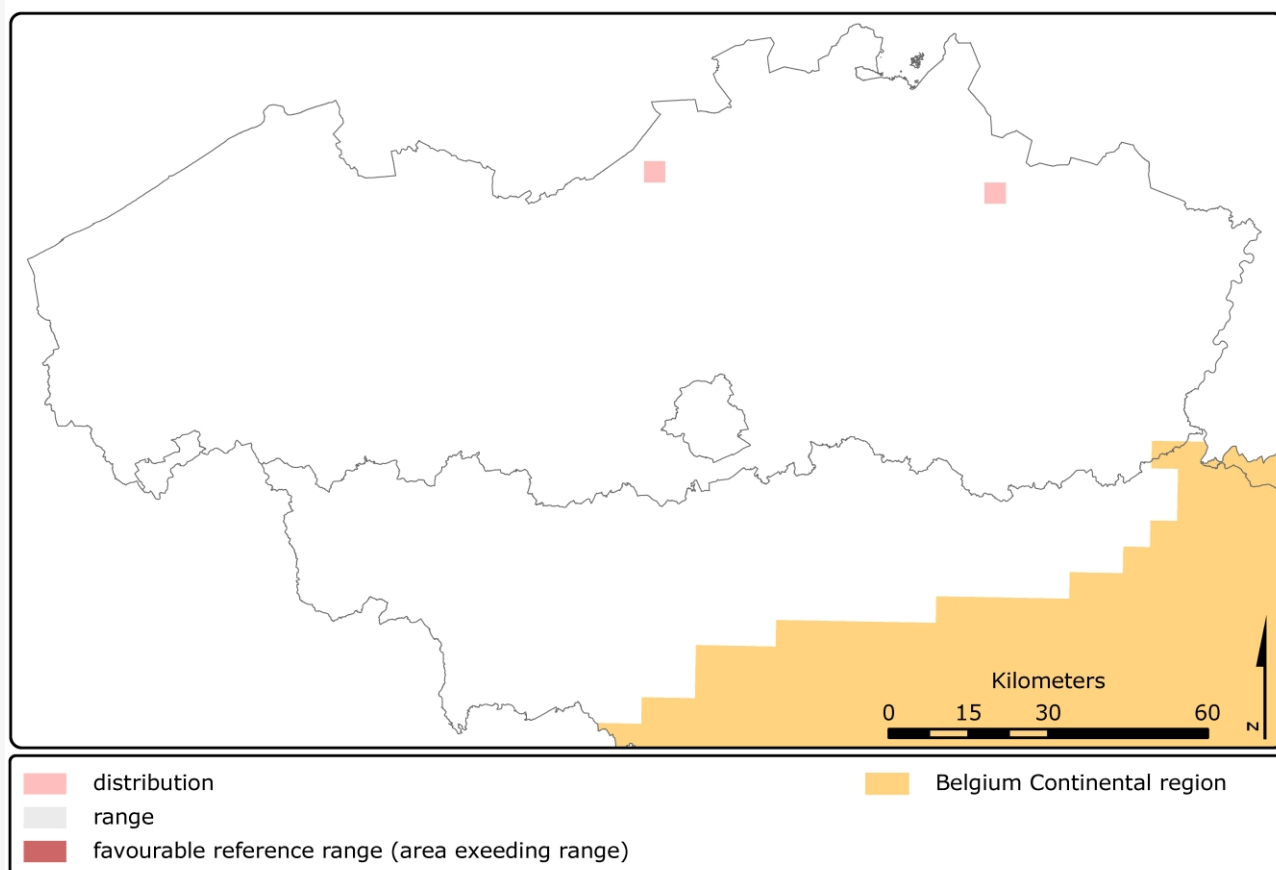
1. National level

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 Landuyt W. (2008) Conservation status of the Natura 2000 species Fen orchid (*Liparis loeselii*) 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://www.inbo.be/natura2000be> Ronse A. (2006). *Liparis loeselii*. In: Van Landuyt, W. et al. (Red). Atlas van de Flora van Vlaanderen en het Brussels Gewest. Instituut voor natuur en bosonderzoek, Nationale Plantentuin van België en Flo.Wer.

2.3 Range of species in the biogeographic region or marine region

2.3.1 Surface range of the species in km² 32

2.3.2 Date of range determination 1994-2006

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	1994-2006
2.3.7 Reasons for reported trend	Unknown
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
5	8	Number of individuals
2.4.2 Date of population estimation	1994-2006	
2.4.3 Method used for population estimation	From comprehensive inventory	
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	N/A	
2.4.7 Population trend period	1994-2006	
2.4.8 Reasons for reported trend	Unknown	
Other (specify)	N/A	
2.4.9 Justification of % thresholds for trends (optional)	N/A	
2.4.10 Main pressures	810 Drainage 952 - eutrophication 953 - acidification 971 - competition	
2.4.11 Threats	810 Drainage 952 - eutrophication 953 - acidification 971 - competition	

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

2.5.1 Habitats for the species	2190: Humid dune slacks (disappeared in this habitat type since 1954) 7230: Alkaline fens
2.5.2 Area estimation (km ²)	0.1
2.5.3 Date of estimation	1997-2006
2.5.4 Quality of the data	Good e.g based on extensive surveys
2.5.5 Trend of the habitat	Increasing (+)
2.5.6 Trend period	1994-2006
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 (changed after final closing of the database, reported value: Bad prospects - species likely to be become extinct in the biogeographical region)

2.7 Complementary information

2.7.1 Favourable reference range (km ²)	Much more than field 2.3.1 32
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2.7.2 Favourable reference population	Much more than field 2.4.1 8	
2.7.3 Suitable habitat for the species	0.1	
2.7.4 Other relevant information	Coastal dunes slacks form a potential habitat where the species eventually can expand its current range but the distance to nearby populations (the Netherlands and the North of France) is big so the change for natural (re-)colonisation of this area is small.	
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	Bad (U2)	N/A
Overall assessment	Bad (U2)	N/A