

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

0.1 Member State	IT
0.2.1 Species code	1496
0.2.2 Species name	Brassica insularis
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	N/A

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

2.2 Published sources

Mediterranean (MED)

The present species assessment (fields 0.1-2.9) has been compiled by Stefania Ercole and Valeria Giacanelli (Institute for Environmental Protection and Research - ISPRA). Information, unpublished data and experts' judgments have been provided by: Gianni Bacchetta (University of Cagliari), Gianniantonio Domina (University of Palermo) and Emmanuele Farris (University of Sassari). Distribution data for the following Nature 2000 sites have been inserted by the Ministry of Environment (source: Italian Nature 2000 database): ITB021156, ITB041105, ITB020014, ITB032240.

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2.3 Range

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2.3.1 Surface area - Range (km ²)	4100
2.3.2 Method - Range surface area	Estimate based on partial data with some extrapolation and/or modelling (2)
2.3.3 Short-term trend period	2001-2012
2.3.4 Short-term trend direction	stable (0)
2.3.5 Short-term trend magnitude	min max
2.3.6 Long-term trend period	
2.3.7 Long-term trend direction	N/A
2.3.8 Long-term trend magnitude	min max
2.3.9 Favourable reference range	area (km ²) operator approximately equal to (≈) unknown No method Expert judgment
2.3.10 Reason for change	Use of different method

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit N/A min max
2.4.2 Population size (other than individuals)	Unit number of map 10x10 km grid cells (grids10x10) min 29 max 29
2.4.3 Additional information	Definition of locality Conversion method Problems no data available for the number of individuals
2.4.4 Year or period	2012
2.4.5 Method – population size	Estimate based on partial data with some extrapolation and/or modelling (2)
2.4.6 Short-term trend period	2001-2012
2.4.7 Short term trend direction	stable (0)
2.4.8 Short-term trend magnitude	min max confidence interval
2.4.9 Short-term trend method	Estimate based on expert opinion with no or minimal sampling (1)
2.4.10 Long-term trend period	
2.4.11 Long term trend direction	N/A
2.4.12 Long-term trend magnitude	min max confidence interval
2.4.13 Long-term trend method	N/A
2.4.14 Favourable reference population	number operator approximately equal to (≈) unknown No method Expert judgment
2.4.15 Reason for change	Improved knowledge/more accurate data Use of different method

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	
2.5.2 Year or period	
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Good
2.5.4 b) Quality of habitat - method	Expert based
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	stable (0)

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2.5.7 Long-term trend period	N/A
2.5.8 Long term trend direction	
2.5.9 Area of suitable habitat (km ²)	
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
mountaineering & rock climbing (G01.04.01)	medium importance (M)	N/A
non intensive grazing (A04.02)	low importance (L)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
Trampling, overuse (G05.01)	low importance (L)	N/A
burning down (J01.01)	low importance (L)	N/A

2.6.1 Method used – pressures	mainly based on expert judgement and other data (2)
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2.7 Main Threats

Threat	ranking	pollution qualifier(s)
mountaineering & rock climbing (G01.04.01)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
Trampling, overuse (G05.01)	low importance (L)	N/A
burning down (J01.01)	low importance (L)	N/A

2.7.1 Method used – threats	expert opinion (1)
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2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information	<p>1) Italian Red List (2013): NT. Sources: SANTO A., FENU G., DOMINA G., BACCHETTA G., 2013 - <i>Brassica insularis</i> Moris. Inf. Bot. Ital. 45 (1): 127-130. ROSSI G., MONTAGNANI C., GARGANO D., PERUZZI L., ABELI T., RAVERA S., COGONI A., FENU G., MAGRINI S., GENNAI M., FOGGI B., WAGENSOMMER R.P., VENTURELLA G., BLASI C., RAIMONDO F.M., ORSENIGO S. (Eds.), 2013. Lista Rossa della Flora Italiana. 1. Policy Species e altre specie minacciate. Comitato Italiano IUCN; Ministero dell'Ambiente e della Tutela del Territorio e del Mare.</p> <p>2) Ex-situ conservation: Sardinian Seed Bank (BG-SAR) of Biodiversity Conservation Centre of Cagliari (CCB). Duplicated by Millenium Seed Bank (Royal Botanic Gardens of Kew). Source: SANTO A., FENU G., DOMINA G., BACCHETTA G., 2013 - <i>Brassica insularis</i> Moris. Inform. Bot. Ital. 45 (1): 127-130.</p>
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2.8.3 Trans-boundary assessment

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range	assessment Favourable (FV) qualifiers N/A
2.9.2. Population	assessment Favourable (FV) qualifiers N/A

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2.9.3. Habitat	assessment Favourable (FV) qualifiers N/A
2.9.4. Future prospects	assessment Favourable (FV) qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Favourable (FV)
2.9.5 Overall trend in Conservation Status	N/A

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

3.1.1 Population Size	Unit N/A min max
3.1.2 Method used	Absent data (0)
3.1.3 Trend of population size within	N/A

3.2 Conversation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Specific single species or species group management measures (7.4)	Recurrent	medium importance (M)	Both	Maintain Long term

Species name: Brassica insularis (1496)

Field label	Note	User
1.1.1 Distribution Map	<p>Data sources:</p> <p>SOCIETÀ BOTANICA ITALIANA, 2012. Valutazione nazionale della categoria di rischio di estinzione per specie vegetali di pregio e di interesse conservazionistico. Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Società Botanica Italiana (dati inediti).</p> <p>REGIONE AUTONOMA SARDEGNA, Ass. Difesa Ambiente, SAVI - 2008/2009 - Realizzazione della rete di monitoraggio dello stato di conservazione degli habitat e delle specie di interesse comunitario della Sardegna.</p> <p>SANTO A., FENU G., DOMINA G., BACCHETTA G., 2013 – Brassica insularis Moris. Inf. Bot. Ital. 45 (1) (in stampa).</p> <p>Distribution data for the following Nature 2000 sites have been inserted by the Ministry of Environment (source: Italian Nature 2000 database): ITB021156, ITB041105, ITB020014, ITB032240.</p>	ISPRA_F LORA

Species name: Brassica insularis (1496) Region code: MED

Field label	Note	User
2.4.7 Short term trend direction	<p>"L'assenza di minacce serie per la conservazione della specie e la mancanza di declino, indicano che B. insularis deve essere considerata come non minacciata a livello nazionale. "</p> <p>Fonte: SANTO A., FENU G., DOMINA G., BACCHETTA G., 2013 - Brassica insularis Moris. Inf. Bot. Ital. 45 (1): 127-130.</p>	ISPRA_F LORA