

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	1466
0.2.2 Species name	Herniaria latifolia ssp. litardierei
0.2.3 Alternative species scientific name	New accepted name: <i>Herniaria litardierei</i> (Gamisans) Greuter & Burdet
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 expert opinion with no or minimal sampling (1)
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 Information, unpublished data and experts' judgments have been provided by: Gianni Bacchetta (University of Cagliari) and Giuseppe Fenu (University of Cagliari).

ARRIGONI P.V., 1984 – Le piante endemiche della Sardegna: 139-147. Boll. Soc. Sarda Sci. Nat., 23: 213-160.

BACCHETTA G., 2001 – *Herniaria latifolia* Lapeyr. Subsp. *litardierei* Gamisans. In: PIGNATTI S., MENEGONI P., GIACANELLI V. (eds), 2001. Liste Rosse e Blu della Flora Italiana. ANPA, Roma.

BACCHETTA G., FARRIS E., PONTECORVO 2012- A new method to set conservation priorities in biodiversity hotspots. *Plant Biosystems*, 146(3): 638-648.

BACCHETTA G., FENU G., GUARINO R., MANDIS G., MATTANA E., NIEDDU G., SCUDU C. - Floristic traits and biogeographic characterization of the Gennargentu massif (CE Sardinia). Submitted.

BILZ M., KELL S.P., MAXTED N., LANSDOWN R.V., 2011 – European Red List of Vascular Plants. Luxembourg: Publications Office European Union.

CONTI F., ABBATE G., ALESSANDRINI A., BLASI C., (Eds.) 2005 – An annotated Checklist of the Italian Vascular Flora. Palombi Editori, Roma.

CONTI F., MANZI A., PEDROTTI F., 1997 - Liste Rosse Regionali delle Piante d'Italia. WWF Italia. Società Botanica Italiana. Università di Camerino. Camerino. 139 pp.

FENU G., COGONI D., BACCHETTA G., 2012 - *Herniaria litardierei* (Gamisans) Greuter et Burdet. *Inf. Bot. Ital.* 44 (2): 437-438.

GAMISANS J., 1981 – Contribution à l'étude de la flore de la Corse. *Candollea*, 36: 1-17.

GAMISANS J., MARZOCCHI J.-F., 1996 – La Flore endémique de la Corse. Edisud, aix-en-provence.

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.,

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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. SCOPPOLA A., SPAMPINATO G. (eds.), 2005 - Atlante delle specie a rischio di estinzione. Versione 1.0. CD-Rom enclosed to the volume: SCOPPOLA A., BLASI C. (eds.), Stato delle conoscenze sulla flora vascolare d'Italia. Palombi Editori. Roma. 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).

2.3 Range

2.3.1 Surface area - Range (km ²)	200
2.3.2 Method - Range surface area	Estimate based on expert opinion with no or minimal sampling (1)
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 localities (localities) min 2 max 2
2.4.3 Additional information	Definition of locality localities= grid 2x2 km centroids 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 expert opinion with no or minimal sampling (1)
2.4.6 Short-term trend period	2001-2012
2.4.7 Short term trend direction	unknown (x)
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 N/A unknown Yes method Expert judgment

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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 (km²)
 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)
 2.5.7 Long-term trend period
 2.5.8 Long term trend direction N/A
 2.5.9 Area of suitable habitat (km²)
 2.5.10 Reason for change

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
No threats or pressures (X)	()	N/A

2.6.1 Method used – pressures based only on expert judgements (1)

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A

2.7.1 Method used – threats expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

1) Italian Red List (2013): LC.
 Sources:
 FENU G., COGONI D., BACCHETTA G., 2012 - *Herniaria litardierei* (Gamisans) Greuter et Burdet. Inf. Bot. Ital. 44 (2): 437-438.
 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.

2) Global Assessment IUCN: EN.
 Source: BILZ M., KELL S.P., MAXTED N., LANSDOWN R.V., 2011 – European Red List of Vascular Plants. Luxembourg: Publications Office European Union.

3) New accepted name: *Herniaria litardierei* (Gamisans) Greuter & Burdet

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 Unknown (XX)
 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: *Herniaria latifolia* ssp. *litardierei* (1466)

Field label	Note	User
1.1.1 Distribution Map	<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>FENU G., COGONI D., BACCHETTA G., 2012 - <i>Herniaria litardierei</i> (Gamisans) Greuter et Burdet. Inform. Bot. Ital. 44 (2): 437-438.</p> <p>Regione Autonoma della Sardegna - Assessorato Difesa Ambiente, 2012 - Servizio di monitoraggio dello stato di conservazione degli habitat e delle specie di importanza comunitaria presenti nei siti della Rete Natura 2000 in Sardegna – Linea 4. Redazione del Rapporto sullo stato di conservazione degli habitat e delle specie.</p>	ISPRA_F LORA

Species name: *Herniaria latifolia* ssp. *litardierei* (1466) Region code: MED

Field label	Note	User
2.9.5 Conclusion - overall assessment	<p>La valutazione tiene conto dell'assessment IUCN (LC), poiché "sebbene i valori di EOO, AOO e il numero di location (pari a 1) siano coerenti con la categoria di rischio CR, non siamo in presenza di declino e perciò nessuna delle altre opzioni risulta soddisfatta; pertanto la specie deve essere considerata come Least Concern (LC)".</p> <p>Fonte: FENU G., COGONI D., BACCHETTA G., 2012 - <i>Herniaria litardierei</i> (Gamisans) Greuter et Burdet. Inf. Bot. Ital. 44 (2): 437-438.</p>	ISPRA_F LORA