

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	1558
0.2.2 Species name	<i>Astragalus aquilanus</i>
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 Information, unpublished data and experts' judgments have been provided by: Liliana Bernardo (University of Calabria) and Nicodemo G. Passalacqua (University of Calabria).

ANZALONE B., 1970. Su un nuovo *Astragalus* scoperto in Abruzzo e osservazioni su *Astragalus vesicarius* L. (sensu lato). *Webbia*, 24 (2): 723-734.

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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.

FRATTAROLI A.R., FRIZZI G., 1988 - Le piante endemiche dell'Appennino centrale: 4. *Astragalus aquilanus* Anz. (Leguminosae). *Micologia e Vegetazione Mediterranea*, 3 (1): 23-30.

GARGANO D., MINGOZZI A., MASSOLO A., RINALDO S., BERNARDO L. 2012 – Patterns of vegetation cover/dynamics in a protected Mediterranean mountain area: Influence of the ecologic context and protection policy. *Plant. Biosyst.*, 146(s1): 9-18.

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PIGNATTI S., 1982 - Flora d'Italia, voll. 1-3. Edagricole, Bologna.

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.

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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).

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VERI L., 1971. Notizie sull'ecologia, fenologia e cariologia dell'Astragalus aquilanus Anzalone. Lav. Soc. Ital. Biogeogr., 2: 81-87.

2.3 Range

2.3.1 Surface area - Range (km ²)	1400
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	decrease (-)
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 (≈) unkown No method Expert judgment
2.3.10 Reason for change	Improved knowledge/more accurate dataUse 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 7 max 7
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 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	decrease (-)

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2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method	Estimate based on partial data with some extrapolation and/or modelling (2)		
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)	Absent data (0)
2.5.2 Year or period	
2.5.3 Method used - habitat	
2.5.4 a) Quality of habitat	
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	decrease (-)
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)
Tramplng, overuse (G05.01)	low importance (L)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
reduction or loss of specific habitat features (J03.01)	low importance (L)	N/A
burning down (J01.01)	medium importance (M)	N/A
species composition change (succession) (K02.01)	medium importance (M)	N/A

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

Threat	ranking	pollution qualifier(s)
Tramplng, overuse (G05.01)	low importance (L)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
reduction or loss of specific habitat features (J03.01)	low importance (L)	N/A
species composition change (succession) (K02.01)	medium importance (M)	N/A
burning down (J01.01)	medium importance (M)	N/A

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

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2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

1) In the II Italian Report the species was considered present in the Southern Appennine -M.te Pollino (MED REG). At present the locality is not confirmed (SBI, 2012). On this basis the range trend in the MED REG is considered decreasing.

2) Italian National Red List (2013): EN. Assessment criteria: B1ab(i,ii,v) + B2ab(i,ii,v)

Source: 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.

2.8.3 Trans-boundary assessment

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

2.9.1 Range

assessment Inadequate (U1)
qualifiers declining (-)

2.9.2. Population

assessment Inadequate (U1)
qualifiers declining (-)

2.9.3. Habitat

assessment Inadequate (U1)
qualifiers declining (-)

2.9.4. Future prospects

assessment Inadequate (U1)
qualifiers declining (-)

2.9.5 Overall assessment of Conservation Status

Inadequate (U1)

2.9.5 Overall trend in Conservation Status

declining (-)

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

No measure known/
impossible to carry out
specific measures (1.3)

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2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Continental (CON)

2.2 Published sources

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

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been provided by: Robert Wagensommer, Fabio Conti and Fabrizio Bartolucci (University of Camerino).

MARGINAL OCCURRENCE in CON REG.

ANZALONE B., 1970. Su un nuovo *Astragalus* scoperto in Abruzzo e osservazioni su *Astragalus vesicarius* L. (sensu lato). *Webbia*, 24 (2): 723-734.

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

COMMISSION OF THE EUROPEAN COMMUNITIES, 2009 – Composite report on the conservation status of habitat types and species as required under article 17 of the Habitats Directive. Report from the Commission to the Council and the European Parliament. Brussels..

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FRATTAROLI A.R., FRIZZI G., 1988 - Le piante endemiche dell'Appennino centrale: 4. *Astragalus aquilanus* Anz. (Leguminosae). *Micologia e Vegetazione Mediterranea*, 3 (1): 23-30.

PIGNATTI S., 1982 - Flora d'Italia, voll. 1-3. Edagricole, Bologna.

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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).

VERI L., 1971. Notizie sull'ecologia, fenologia e cariologia dell'*Astragalus aquilanus* Anzalone. *Lav. Soc. Ital. Biogeogr.*, 2: 81-87.

2.3 Range

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2.3.1 Surface area - Range (km ²)			
2.3.2 Method - Range surface area	N/A		
2.3.3 Short-term trend period			
2.3.4 Short-term trend direction	N/A		
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	N/A	
	unkown	No	
	method		
2.3.10 Reason for change			

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	N/A		
	min		max	
2.4.3 Additional information	Definition of locality			
	Conversion method			
	Problems			
2.4.4 Year or period				
2.4.5 Method – population size	N/A			
2.4.6 Short-term trend period				
2.4.7 Short term trend direction	N/A			
2.4.8 Short-term trend magnitude	min	max	confidence interval	
2.4.9 Short-term trend method	N/A			
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	No		
	method			
2.4.15 Reason for change				

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	N/A
2.5.4 a) Quality of habitat	
2.5.4 b) Quality of habitat - method	
2.5.5 Short term trend period	
2.5.6 Short term trend direction	N/A
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A

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2.5.9 Area of suitable habitat (km²)

2.5.10 Reason for change

2.6 Main Pressures

2.6.1 Method used – pressures N/A

2.7 Main Threats

2.7.1 Method used – threats N/A

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

1) MARGINAL OCCURRENCE in CON REG. In the II Italian Report the species was considered absent in the Continental Region. At present the overlapping of the Bioregion Map and the Updated Distribution Map (SBI, 2012) shows:

-1 locality in CON REG

-2 grid cells partially enclosed in the CON REG.

2) Italian National Red List (2013): EN. Assessment criteria: B1ab(i,ii,v) + B2ab(i,ii,v)

Source: 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.

2.8.3 Trans-boundary assessment

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

2.9.1 Range assessment N/A
qualifiers N/A

2.9.2. Population assessment N/A
qualifiers N/A

2.9.3. Habitat assessment N/A
qualifiers N/A

2.9.4. Future prospects assessment N/A
qualifiers N/A

2.9.5 Overall assessment of Conservation Status N/A

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

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2. Biogeographical Or Marine Level

2.1 Biogeographical Region

2.2 Published sources

Alpine (ALP)

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: Liliana Bernardo (University of Calabria), Nicodemo G. Passalacqua (University of Calabria), Robert Wagensommer, Fabio Conti and Fabrizio Bartolucci (University of Camerino). Distribution data for the following Nature 2000 sites have been inserted by the Ministry of Environment (source: Italian Nature 2000 database): IT7140203.

ANZALONE B., 1970. Su un nuovo *Astragalus* scoperto in Abruzzo e osservazioni su *Astragalus vesicarius* L. (sensu lato). *Webbia*, 24 (2): 723-734.

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

COMMISSION OF THE EUROPEAN COMMUNITIES, 2009 – Composite report on the conservation status of habitat types and species as required under article 17 of the Habitats Directive. Report from the Commission to the Council and the European Parliament. Brussels.

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VERI L., 1971. Notizie sull'ecologia, fenologia e cariologia dell'*Astragalus aquilanus* Anzalone. Lav. Soc. Ital. Biogeogr., 2: 81-87.

2.3 Range

2.3.1 Surface area - Range (km ²)	1300
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	Improved knowledge/more accurate dataUse 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 4 max 4
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 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	decrease (-)
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	Unknown
2.5.4 b) Quality of habitat - method	Absent data

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2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	unknown (x)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km ²)	
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Trampling, overuse (G05.01)	low importance (L)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
reduction or loss of specific habitat features (J03.01)	low importance (L)	N/A

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

Threat	ranking	pollution qualifier(s)
Trampling, overuse (G05.01)	low importance (L)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
reduction or loss of specific habitat features (J03.01)	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	Italian National Red List (2013): EN. Assessment criteria: B1ab(i,ii,v) + B2ab(i,ii,v) Source: 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.
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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 Inadequate (U1) qualifiers unknown (x)
2.9.3. Habitat	assessment Unknown (XX) qualifiers N/A
2.9.4. Future prospects	assessment Inadequate (U1) qualifiers declining (-)
2.9.5 Overall assessment of Conservation Status	Inadequate (U1)
2.9.5 Overall trend in Conservation Status	declining (-)

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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
No measure known/ impossible to carry out specific measures (1.3)		()		

Species name: Astragalus aquilanus (1558)

Field label	Note	User
1.1.1 Distribution Map	Data sources: 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). Distribution data for the following Nature 2000 sites have been inserted by the Ministry of Environment (source: Italian Nature 2000 database): IT7140203.	ISPRA_F LORA

Species name: Astragalus aquilanus (1558) Region code: ALP

Field label	Note	User
2.9.6 Conclusion - overall assessment trend	Il trend è dedotto dai criteri utilizzati nel recente assessment IUCN, tra cui compare il declino continuo della EOO, della AOO e del numero di individui maturi. Data sources: 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.	ISPRA_F LORA
2.4.7 Short term trend direction	Il trend è dedotto dai criteri utilizzati nel recente assessment IUCN, tra cui compare il declino continuo della EOO, della AOO e del numero di individui maturi. Data sources: 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.	ISPRA_F LORA
2.4.2a Population size (other than individuals) - Unit	Data sources: 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).	ISPRA_F LORA

Species name: Astragalus aquilanus (1558) Region code: MED

Field label	Note	User
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2.9.5 Conclusion - overall assessment	<p>Le Prospettive Future sono dedotte dai criteri utilizzati nel recente assessment IUCN, tra cui compare il declino continuo della EOO, della AOO e del numero di individui maturi.</p> <p>Inoltre viene presa in considerazione anche la probabile estinzione dell'unica stazione dell'Appennino meridionale.</p> <p>Data sources: 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>	ISPRA_F LORA
2.9.4a Conclusion - future	<p>Le Prospettive Future sono dedotte dai criteri utilizzati nel recente assessment IUCN, tra cui compare il declino continuo della EOO, della AOO e del numero di individui maturi.</p> <p>Data sources: 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>	ISPRA_F LORA
2.4.7 Short term trend direction	In the II Italian Report the species was considered present in the Southern Appennine -M.te Pollino (MED REG). At present the locality is not confirmed (SBI, 2012). On this basis the population trend in the MED REG is considered decreasing.	ISPRA_F LORA
2.3.4 Range Trend	In the II Italian Report the species was considered present in the Southern Appennine -M.te Pollino (MED REG). At present the locality is not confirmed (SBI, 2012). On this basis the range trend in the MED REG is considered decreasing.	ISPRA_F LORA
2.5.6 Short term trend direction	Fonte: GARGANO D., MINGOZZI A., MASSOLO A., RINALDO S., BERNARDO L. 2012. Patterns of vegetation cover/dynamics in a protected Mediterranean mountain area: Influence of the ecologic context and protection policy. Plant. Biosyst., 146(s1): 9-18.	ISPRA_F LORA