

# 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	1479
0.2.2 Species name	Adonis distorta
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

#### 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 Information, unpublished data and experts' judgments have been provided by Robert Wagensommer, Fabio Conti and Fabrizio Bartolucci (University of Camerino).

BALLELLI S., 1999 - Entità floristiche di notevole interesse rinvenute sull'Altopiano di Campo Imperatore e zone limitrofe (Gran Sasso d'Italia). In: BIONDI E. (a cura di), Ricerche di Geobotanica ed Ecologia Vegetale di Campo Imperatore (Gran Sasso d'Italia). Braun Blanquetia, 16: 33-51.

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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.

DEL GROSSO F., POGLIANI M., 1971 - Studio cariologico di Adonis distortus Ten. Lav. Soc. Ital. Biogeogr., 2: 69-79.

FEOLI CHIAPELLA L., FEOLI E., 1977 - A numerical phytosociological study of the summit of the Majella Massive (Italy). Vegetatio, 34 (1): 21-39.

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GUARRERA P.M., TAMMARO F., 1996 - La Flora del M. Sirente e zone limitrofe (Appennino Abruzzese). Ann. Bot. (Roma) 52 (1994), Suppl. 11: 267-381.

PETRICCIONE B., 1993 - Flora e Vegetazione del Massiccio del M. Velino (Appennino Centrale), comprendente il territorio della Riserva Naturale Orientata "Monte Velino" e della foresta demaniale "Montagna della Duchessa". MIRAAF, CFS, Collana Verde, 92/19.

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ROSSI G., MONTAGNANI C., GARGANO D., PERUZZI L., ABELI T., RAVERA S.,

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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. 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). STEINBERG C., 1952 - Contributo allo studio floristico e fitogeografico degli alti pascoli della Montagna della Duchessa (Appennino abruzzese). Nuovo Gior. Bot. Ital., n.s., 59 (2-4): 201-251. TAMMARO F., 1995 - Lineamenti floristici e vegetazionali del Gran Sasso meridionale. Documenti naturalistici per la conoscenza del Parco Nazionale del Gran Sasso-Laga. Boll. Mus. Civ. St. Nat. Verona, 19 (1992): 1-256.

## 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	900
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 <sup>2</sup> ) 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 11 max 11
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	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	

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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	Use of different method		

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	
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 (km <sup>2</sup> )	
2.5.10 Reason for change	

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Taking / Removal of terrestrial plants, general (F04)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
off-road motorized driving (G01.03.02)	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)
Taking / Removal of terrestrial plants, general (F04)	medium importance (M)	N/A
skiing complex (G02.02)	low importance (L)	N/A
Changes in abiotic conditions (M01)	high importance (H)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
off-road motorized driving (G01.03.02)	medium importance (M)	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 Red List (2013): EN. Assessment criteria: B1ab(i,ii,iv)  
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

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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 Favourable (FV) qualifiers N/A
2.9.2. Population	assessment Favourable (FV) qualifiers N/A
2.9.3. Habitat	assessment Favourable (FV) 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 (-)

## 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)		( )		

## 2. Biogeographical Or Marine Level

### 2.1 Biogeographical Region

### 2.2 Published sources

#### Continental (CON)

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 Robert Wagensommer, Fabio Conti and Fabrizio Bartolucci (University of Camerino).

BALLELLI S., 2003 - Aggiornamento delle conoscenze sulla Flora dell'Umbria. Webbia, 58 (1): 1-55.

CONTI F., 2001 - Adonis distorta. In: Pignatti S., Menegoni P., Giacanelli V. (eds.), Liste rosse e blu della flora italiana: 104-105. ANPA, Roma.

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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.

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FEOLI CHIAPELLA L., FEOLI E., 1977 - A numerical phytosociological study of the summit of the Majella Massive (Italy). *Vegetatio*, 34 (1): 21-39.

FRATTAROLI A.R., FRIZZI G., 1988 - Le piante endemiche dell'Appennino centrale: 3. *Adonis distorta* Ten. (Ranunculaceae). *Micologia e Vegetazione Mediterranea*, 3 (1): 23-30.

PETRICCIONE B., 1993 – Flora e Vegetazione del Massiccio del M. Velino (Appennino Centrale), comprendente il territorio della Riserva Naturale Orientata "Monte Velino" e della foresta demaniale "Montagna della Duchessa". *MIRAAF, CFS, Collana Verde*, 92/19.

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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).

STEINBERG C., 1952 - Contributo allo studio floristico e fitogeografico degli alti pascoli della Montagna della Duchessa (Appennino abruzzese). *Nuovo Gior. Bot. Ital.*, n.s., 59 (2-4): 201-251.

## 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	500
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 <sup>2</sup> ) 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

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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	unknown (x)		
2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method	Absent data (0)		
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	
2.4.15 Reason for change	Use of different method		

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	
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 (km <sup>2</sup> )	
2.5.10 Reason for change	

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Taking / Removal of terrestrial plants, general (F04)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
off-road motorized driving (G01.03.02)	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)
Taking / Removal of terrestrial plants, general (F04)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
off-road motorized driving (G01.03.02)	medium importance (M)	N/A
skiing complex (G02.02)	low importance (L)	N/A
Changes in abiotic conditions (M01)	high importance (H)	N/A

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

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

## 2.8.1 Justification of % thresholds for trends

## 2.8.2 Other relevant Information

Italian Red List (2013): EN. Assessment criteria: B1ab(i,ii,iv)  
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 Favourable (FV)  
qualifiers N/A

### 2.9.2. Population

assessment Unknown (XX)  
qualifiers N/A

### 2.9.3. Habitat

assessment Favourable (FV)  
qualifiers N/A

### 2.9.4. Future prospects

assessment Unknown (XX)  
qualifiers N/A

### 2.9.5 Overall assessment of Conservation Status

Unknown (XX)

### 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

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

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## 2. Biogeographical Or Marine Level

### 2.1 Biogeographical Region

#### Mediterranean (MED)

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

ANZALONE B., IBERITE M., LATTANZI E., 2010 - La Flora vascolare del Lazio. Informatore Botanico Italiano 42: 187-317.



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CONTI F., 2001 - Adonis distorta. In: Pignatti S., Menegoni P., Giacanelli V. (eds.), Liste rosse e blu della flora italiana: 104-105. ANPA, Roma.

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.

FEOLI CHIAPELLA L., FEOLI E., 1977 - A numerical phytosociological study of the summit of the Majella Massive (Italy). Vegetatio, 34 (1): 21-39.

FRATTAROLI A.R., FRIZZI G., 1988 - Le piante endemiche dell'Appennino centrale: 3-4. 3. Adonis distorta Ten. (Ranunculaceae); 4. Astragalus aquilanus Anz. (Leguminosae). Micol. Veg. Medit., 3 (1): 23-30.

PETRICCIONE B., 1993 - Flora e Vegetazione del Massiccio del M. Velino (Appennino Centrale), comprendente il territorio della Riserva Naturale Orientata "Monte Velino" e della foresta demaniale "Montagna della Duchessa". MIRAACF, CFS, Collana Verde, 92/19.

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).

STEINBERG C., 1952 - Contributo allo studio floristico e fitogeografico degli alti pascoli della Montagna della Duchessa (Appennino abruzzese). Nuovo Gior. Bot. Ital., n.s., 59 (2-4): 201-251.

## 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	700
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 <sup>2</sup> ) 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



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2.4.2 Population size (other than individuals)	Unit	number of localities (localities)		
	min	3	max	3
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	unknown (x)			
2.4.8 Short-term trend magnitude	min		max	confidence interval
2.4.9 Short-term trend method	Absent data (0)			
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		
2.4.15 Reason for change	Use of different method			

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	
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 (km <sup>2</sup> )	
2.5.10 Reason for change	

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Taking / Removal of terrestrial plants, general (F04)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
off-road motorized driving (G01.03.02)	medium importance (M)	N/A
2.6.1 Method used – pressures	based only on expert judgements (1)	

## 2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Taking / Removal of terrestrial plants, general (F04)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A

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

off-road motorized driving (G01.03.02)	medium importance (M)	N/A
skiing complex (G02.02)	low importance (L)	N/A
Changes in abiotic conditions (M01)	high importance (H)	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

Italian Red List (2013): EN. Assessment criteria: B1ab(i,ii,iv)  
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 Favourable (FV)  
qualifiers N/A

2.9.2. Population assessment Unknown (XX)  
qualifiers N/A

2.9.3. Habitat assessment Favourable (FV)  
qualifiers N/A

2.9.4. Future prospects assessment Unknown (XX)  
qualifiers N/A

2.9.5 Overall assessment of Conservation Status Unknown (XX)

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

**Species name: Adonis distorta (1479)**

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). REGIONE LAZIO (Raccolta dati per articolo 17, 2012).	ISPRA_F LORA

**Species name: Adonis distorta (1479) Region code: ALP**

Field label	Note	User
2.9.4a Conclusion - future	La valutazione delle prospettive future è stata basata sia sul recente assessment (Rossi et al., 2013), che ha inserito la specie nella categoria di rischio EN utilizzando fra i subcriteri anche il "continuing decline" dell'"area of occupancy" e del "number of locations or subpopulations", sia sulle minacce a cui la specie è sottoposta.	ISPRA_F LORA