

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	1657
0.2.2 Species name	Gentiana lutea
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).

BOVIO M., BROGLIO M., POGGIO L., 2008. Guida alla flora della Valle d'Aosta. Torino, Blu Ed., pag. 164.

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.

GENTILI R., N.M.G. ARDENGHI, S. ARMIRAGLIO, G. BACCHETTA, F. BARTOLUCCI, D. COGONI, F. CONTI, G. FENU, A. FISOGNI, M. GALLONI, D. GIGANTE, F. MANELI, G. PAROLO, M. ROSSI, A. SANTANGELO, A. SELVAGGI, R.P. WAGENSOMMER., 2013 - *Gentiana lutea* L. e relative sottospecie in Italia. Inf. Bot. Ital. 45(1): 153-155.

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. SELVAGGI A., GALLINO B., GARRAUD L., PASCAL R., VAN ES J., 2012 - Flora rara, protetta, endemica delle Alpi occidentali. Blu edizioni, Torino.

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).

WILHALM T., NIKFELD H., GUTERMANN W., 2006 – Katalog der Gefäßpflanzen Südtirols – Veröffentlichungen des Naturmuseums Südtirol, nr. 3, 218 pp.

2.3 Range

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

2.3.1 Surface area - Range (km ²)	40700
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 map 10x10 km grid cells (grids10x10) min 191 max 191
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	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)

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

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)
intensive grazing (A04.01)	medium importance (M)	N/A
abandonment of pastoral systems, lack of grazing (A04.03)	medium importance (M)	N/A
forest replanting (native trees) (B02.01.01)	medium importance (M)	N/A
Taking / Removal of terrestrial plants, general (F04)	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)
Taking / Removal of terrestrial plants, general (F04)	low importance (L)	N/A
forest replanting (native trees) (B02.01.01)	medium importance (M)	N/A
intensive grazing (A04.01)	medium importance (M)	N/A
abandonment of pastoral systems, lack of grazing (A04.03)	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

1) Taxonomy -Italian Subspecies: *Gentiana lutea* L. subsp. *lutea*; *Gentiana lutea* L. subsp. *symphyandra* (Murb.) Hayek; *Gentiana lutea* L. subsp. *vardjanii* T. Wraber.

Source: 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.

2)) Italian Red List (2013): LC

Gentiana lutea L. subsp. *lutea*: LC; *Gentiana lutea* L. subsp. *symphyandra* (Murb.) Hayek: LC; *Gentiana lutea* L. subsp. *vardjanii* T. Wraber:LC.

Source: GENTILI R., N.M.G. ARDENGHI, S. ARMIRAGLIO, G. BACCHETTA, F. BARTOLUCCI, D. COGONI, F. CONTI, G. FENU, A. FISOGNI, M. GALLONI, D. GIGANTE, F. MANELI, G. PAROLO, M. ROSSI, A. SANTANGELO, A. SELVAGGI, R.P. WAGENSOMMER., 2013 - *Gentiana lutea* L. e relative sottospecie in Italia. Inf. Bot. Ital. 45(1):153-155.

3)Ex-situ conservation: Seed Bank of Biodiversity Conservation Centre of Cagliari (CCB - Sardinia) and Seed Bank of Bank Lombardia (BG-LOM).

Source: GENTILI R., N.M.G. ARDENGHI, S. ARMIRAGLIO, G. BACCHETTA, F. BARTOLUCCI, D. COGONI, F. CONTI, G. FENU, A. FISOGNI, M. GALLONI, D. GIGANTE, F. MANELI, G. PAROLO, M. ROSSI, A. SANTANGELO, A. SELVAGGI, R.P. WAGENSOMMER., 2013 - *Gentiana lutea* L. e relative sottospecie in Italia. Inf. Bot. Ital. 45(1):153-155.

2.8.3 Trans-boundary assessment

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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 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	N/A	
3.1.3 Trend of population size within	N/A	

3.2 Conversation Measures

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 Daniela Gigante (University of Perugia).

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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.

GENTILI R., N.M.G. ARDENGHI, S. ARMIRAGLIO, G. BACCHETTA, F. BARTOLUCCI, D. COGONI, F. CONTI, G. FENU, A. FISOGNI, M. GALLONI, D. GIGANTE, F. MANELI, G. PAROLO, M. ROSSI, A. SANTANGELO, A. SELVAGGI, R.P. WAGENSOMMER., 2013 - *Gentiana lutea* L. e relative sottospecie in Italia. Inf. Bot. Ital. 45(1)153-155..

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. SELVAGGI A., GALLINO B., GARRAUD L., PASCAL R., VAN ES J., 2012 - Flora rara,

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protetta, endemica delle Alpi occidentali. Blu edizioni, Torino.
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)	8900
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 map 10x10 km grid cells (grids10x10) min 42 max 42
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	Use of different method

2.5 Habitat for the Species

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

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)
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)
abandonment / lack of mowing (A03.03)	low importance (L)	N/A
intensive grazing (A04.01)	medium importance (M)	N/A
abandonment of pastoral systems, lack of grazing (A04.03)	high importance (H)	N/A
forest replanting (native trees) (B02.01.01)	medium importance (M)	N/A
wind energy production (C03.03)	medium importance (M)	N/A
paths, tracks, cycling tracks (D01.01)	low importance (L)	N/A
communication masts and antennas (D02.03)	medium importance (M)	N/A
pillaging of floristic stations (F04.01)	high importance (H)	N/A
motorised vehicles (G01.03)	medium importance (M)	N/A
Trampling, overuse (G05.01)	low importance (L)	N/A
Nitrogen-input (H04.02)	low importance (L)	N/A
species composition change (succession) (K02.01)	medium importance (M)	N/A

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

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
abandonment / lack of mowing (A03.03)	low importance (L)	N/A
intensive grazing (A04.01)	high importance (H)	N/A
abandonment of pastoral systems, lack of grazing (A04.03)	medium importance (M)	N/A
forest planting on open ground (native trees) (B01.01)	medium importance (M)	N/A
forest replanting (native trees) (B02.01.01)	medium importance (M)	N/A
paths, tracks, cycling tracks (D01.01)	low importance (L)	N/A
pillaging of floristic stations (F04.01)	high importance (H)	N/A
motorised vehicles (G01.03)	high importance (H)	N/A
Trampling, overuse (G05.01)	low importance (L)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
Changes in abiotic conditions (M01)	low importance (L)	N/A

2.7.1 Method used – threats expert opinion (1)

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

1) Taxonomy -Italian Subspecies: *Gentiana lutea* L. subsp. *lutea*; *Gentiana lutea* L. subsp. *symphyandra* (Murb.) Hayek; *Gentiana lutea* L. subsp. *vardjanii* T. Wraber.

Source: 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.

2)) Italian Red List (2013): LC

Gentiana lutea L. subsp. *lutea*: LC; *Gentiana lutea* L. subsp. *symphyandra* (Murb.) Hayek: LC; *Gentiana lutea* L. subsp. *vardjanii* T. Wraber:LC.

Source: GENTILI R., N.M.G. ARDENGHI, S. ARMIRAGLIO, G. BACCHETTA, F. BARTOLUCCI, D. COGONI, F. CONTI, G. FENU, A. FISOGNI, M. GALLONI, D. GIGANTE, F. MANELI, G. PAROLO, M. ROSSI, A. SANTANGELO, A. SELVAGGI, R.P. WAGENSOMMER., 2013 - *Gentiana lutea* L. e relative sottospecie in Italia. Inf. Bot. Ital. 45(1):153-155.

3)Ex-situ conservation: Seed Bank of Biodiversity Conservation Centre of Cagliari (CCB - Sardinia) and Seed Bank of Bank Lombardia (BG-LOM).

Source: GENTILI R., N.M.G. ARDENGHI, S. ARMIRAGLIO, G. BACCHETTA, F. BARTOLUCCI, D. COGONI, F. CONTI, G. FENU, A. FISOGNI, M. GALLONI, D. GIGANTE, F. MANELI, G. PAROLO, M. ROSSI, A. SANTANGELO, A. SELVAGGI, R.P. WAGENSOMMER., 2013 - *Gentiana lutea* L. e relative sottospecie in Italia. Inf. Bot. Ital. 45(1):153-155.

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 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

N/A

3.1.3 Trend of population size within

N/A

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

3.2 Conversation Measures

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 Daniela Gigante (University of Perugia).

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GENTILI R., N.M.G. ARDENGHI, S. ARMIRAGLIO, G. BACCHETTA, F. BARTOLUCCI, D. COGONI, F. CONTI, G. FENU, A. FISOGNI, M. GALLONI, D. GIGANTE, F. MANELI, G. PAROLO, M. ROSSI, A. SANTANGELO, A. SELVAGGI, R.P. WAGENSOMMER., 2013 - Gentiana lutea L. e relative sottospecie in Italia. Inf. Bot. Ital. 45(1):153-155.

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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. 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)	17500
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	minmax
2.3.6 Long-term trend period	
2.3.7 Long-term trend direction	N/A
2.3.8 Long-term trend magnitude	minmax
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
	minmax
2.4.2 Population size (other than individuals)	Unit number of map 10x10 km grid cells (grids10x10)
	min77max77

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

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	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)
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)
intensive grazing (A04.01)	low importance (L)	N/A
abandonment of pastoral systems, lack of grazing (A04.03)	high importance (H)	N/A
wind energy production (C03.03)	medium importance (M)	N/A
paths, tracks, cycling tracks (D01.01)	low importance (L)	N/A
communication masts and antennas (D02.03)	medium importance (M)	N/A
pillaging of floristic stations (F04.01)	high importance (H)	N/A
motorised vehicles (G01.03)	medium importance (M)	N/A
Tramplng, overuse (G05.01)	low importance (L)	N/A
Nitrogen-input (H04.02)	low importance (L)	N/A
species composition change (succession) (K02.01)	high importance (H)	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)
abandonment / lack of mowing (A03.03)	low importance (L)	N/A
intensive grazing (A04.01)	low importance (L)	N/A
abandonment of pastoral systems, lack of grazing (A04.03)	high importance (H)	N/A
paths, tracks, cycling tracks (D01.01)	low importance (L)	N/A
pillaging of floristic stations (F04.01)	high importance (H)	N/A
motorised vehicles (G01.03)	medium importance (M)	N/A
Trampling, overuse (G05.01)	low importance (L)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
Changes in abiotic conditions (M01)	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) Taxonomy -Italian Subspecies: *Gentiana lutea* L. subsp. *lutea*; *Gentiana lutea* L. subsp. *symphyandra* (Murb.) Hayek; *Gentiana lutea* L. subsp. *vardjanii* T. Wraber.

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2)) Italian Red List (2013): LC

Gentiana lutea L. subsp. *lutea*: LC; *Gentiana lutea* L. subsp. *symphyandra* (Murb.) Hayek: LC; *Gentiana lutea* L. subsp. *vardjanii* T. Wraber:LC.

Source: GENTILI R., N.M.G. ARDENGHI, S. ARMIRAGLIO, G. BACCHETTA, F. BARTOLUCCI, D. COGONI, F. CONTI, G. FENU, A. FISOGNI, M. GALLONI, D. GIGANTE, F. MANELI, G. PAROLO, M. ROSSI, A. SANTANGELO, A. SELVAGGI, R.P. WAGENSOMMER., 2013 - *Gentiana lutea* L. e relative sottospecie in Italia. Inf. Bot. Ital. 45(1): 153-155.

3)Ex-situ conservation: Seed Bank of Biodiversity Conservation Centre of Cagliari (CCB - Sardinia) and Seed Bank of Bank Lombardia (BG-LOM).

Source: GENTILI R., N.M.G. ARDENGHI, S. ARMIRAGLIO, G. BACCHETTA, F. BARTOLUCCI, D. COGONI, F. CONTI, G. FENU, A. FISOGNI, M. GALLONI, D. GIGANTE, F. MANELI, G. PAROLO, M. ROSSI, A. SANTANGELO, A. SELVAGGI, R.P. WAGENSOMMER., 2013 - *Gentiana lutea* L. e relative sottospecie in Italia. Inf. Bot. Ital. 45(1):153-155.

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

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

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	N/A		
3.1.3 Trend of population size within	N/A		

3.2 Conversation Measures

Species name: *Gentiana lutea* (1657)

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). Prov. Aut. BOLZANO, Prov. Aut. TRENTO, REGIONI: FRIULI VENEZIA GIULIA, LOMBARDIA, VALLE D'AOSTA, PIEMONTE, LIGURIA, EMILIA ROMAGNA, TOSCANA, UMBRIA, LAZIO, BASILICATA, SARDEGNA (Raccolta dati per articolo 17, 2012).	ISPRA_F LORA

Species name: *Gentiana lutea* (1657) Region code: ALP

Field label	Note	User
2.3.1 Surface area - Range (km ²)	Area del range derivante da Range tool (Gap 4).	ISPRA_F LORA

Species name: *Gentiana lutea* (1657) Region code: CON

Field label	Note	User
2.3.1 Surface area - Range (km ²)	Area del range derivante da Range tool (Gap 4).	ISPRA_F LORA

Species name: *Gentiana lutea* (1657) Region code: MED

Field label	Note	User
2.3.1 Surface area - Range (km ²)	Area del range derivante da Range tool (Gap 4).	ISPRA_F LORA