

Genista fasselata

LC

Taxonomic Authority: Decne.

Global Assessment Regional Assessment

Region: Global

Endemic to region

Synonyms

Genista sphacelata Spach

Common Names

Upper Level Taxonomy

Kingdom: PLANTAE

Phylum: TRACHEOPHYTA

Class: MAGNOLIOPSIDA

Order: FABALES

Family: LEGUMINOSAE

Lower Level Taxonomy

Rank:

Infra- rank name:

Plant Hybrid

Subpopulation:

Authority:

General Information

Distribution

Species distributed in the north-eastern Mediterranean coast.

Range Size

Area of Occupancy:

Extent of Occurrence:

Map Status:

Elevation

Upper limit: 2100

Lower limit: 40

Depth

Upper limit:

Lower limit:

Depth Zones

Shallow photic Bathyl Hadal

Photic Abyssal

Biogeographic Realm

Afrotropical

Antarctic

Australasian

Neotropical

Oceanian

Palearctic

Indomalayan

Nearctic

Population

The population size of the species is not known. Reported as uncommon.

Total Population Size

Minimum Population Size:

Maximum Population Size:

Habitat and Ecology

Genista fasselata is a shrub which occurs in Mediterranean forests and sclerophyllous and mixed forests. Reported from banks of dried up rivers and along roadsides, it is also associated with Pistacio-Juniper scrub.

System

Terrestrial Freshwater

Movement pattern

Nomadic Congregatory/Dispersive

Crop Wild Relative

Is the species a wild relative of a crop?

Marine Migratory Altitudinally migrant

Growth From Definition

Shrub - size unkno Perennial shrub (any size), also termed a Phanerophyte if >1m or a Chamaephyte if <1m

Threats

There are no known major threats to this species.

	Past	Present	Future
13 None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Conservation Measures

Specimens have been reported from within protected areas along its range such as Troodos National Forest Park and Bufaventa-Besparmak (Pendadactylos) Protected Area in Cyprus and Har Hakarmel and Yehudiyya Nature Reserves in Israel. Seeds have yet to be collected as an ex situ conservation effort. It is not known to occur in any Botanical Garden.

	In Place	Needed
3 Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5 Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.9 Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Habitat and site-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.4 Protected areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 Species-based actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.7 Ex situ conservation actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Countries of Occurrence

	PRESENCE							ORIGIN				
	Year Round	Breeding Season only	Non-breeding season only	Passage migrant	Possibly extinct	Extinct	Presence uncertain	Native	Introduced	Re-Introduced	Vagrant	Origin uncertain
Cyprus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Greece	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
East Aegean Is.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Israel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

General Habitats

	Score	Description	Major Importance
1 Forest	1	Suitable	Unset
1.4 Forest - Temperate	1	Suitable	Unset
3 Shrubland	1	Suitable	Unset
3.4 Shrubland - Temperate	1	Suitable	Unset

Species Utilisation

Species is not utilised at all

Purpose / Type of Use	Subsistence	National	International
17. Unknown	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Trend in the level of wild offtake/harvest in relation to total wild population numbers over the last five years: Unknown

Trend in the amount of offtake/harvest produced through domestication/cultivation over the last five years: Unknown

CITES status: Not listed

IUCN Red Listing

Red List Assessment: (using 2001 IUCN system) Least Concern (LC)

Red List Criteria:

Date Last Seen (only for EX, EW or Possibly EX species):

Is the species Possibly Extinct? Possibly Extinct Candidate?

Rationale for the Red List Assessment

G. fasselata is listed as Least Concern. It is known to occur in protected areas and the population is believed to be stable at present.

Reason(s) for Change in Red List Category from the Previous Assessment:

- | | | |
|---|---|---|
| <input type="checkbox"/> Genuine Change | <input type="checkbox"/> Nongenuine Change | <input type="checkbox"/> No Change |
| <input type="checkbox"/> Genuine (recent) | <input type="checkbox"/> New information | <input type="checkbox"/> Same category and criteria |
| <input type="checkbox"/> Genuine (since first assessment) | <input type="checkbox"/> Knowledge of Criteria | <input type="checkbox"/> Same category but change in criteria |
| | <input type="checkbox"/> Incorrect data used previously | |
| | <input type="checkbox"/> Taxonomy | |
| | <input type="checkbox"/> Criteria Revisio | |
| | <input type="checkbox"/> Other | |

Current Population Trend: Stable

Date of Assessment: 23/07/2010

Name(s) of the Assessor(s): Lopez, L.

Evaluator(s):

Notes:

% population decline in the past:

Time period over which the past decline has been measured for applying Criterion A or C1 (in years or generations):

% population decline in the future:

Time period over which the future decline has been measured for applying Criterion A or C1 (in years or generations):

Number of Locations:

Severely Fragmented:

Number of Mature Individuals:

Bibliography

Merlo, M. and Croitoru, L., 2005, Valuing Mediterranean forests: towards total economic value, , CABI Publishing,

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Potts, S.G., Dafni, A. and Ne'eman, G., 2001, Pollination of a core flowering shrub species in the Mediterranean phrygana: variation in pollinator diversity, abundance and effectiveness in response to fire., OIKOS, 71-80, ,