

# Caragana franchetiana

LC

Taxonomic Authority: Kom.

Global Assessment  Regional Assessment

Region: Global

Endemic to region

## 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

Caragana franchetiana is distributed in temperate Asia, endemic to south western China.

### Range Size

Area of Occupancy:

Extent of Occurrence:

Map Status:

### Elevation

Upper limit: 4000

Lower limit: 2800

### 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.

### Total Population Size

Minimum Population Size:

Maximum Population Size:

### Habitat and Ecology

C. franchetiana is a perennial shrub which occurs in Nuijiang Langcang Gorge alpine conifer mixed forests, Hengduan Mountains subalpine conifer forest and Southeast Tibet shrublands and meadows. It has been reported from slopes and forest margins.

### 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 - large      Perennial shrub (>1m), also termed a Phanerophyte (>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**

There are many protected areas throughout the species range. There are specimens collected from within protected areas such as Three Parallel Rivers of Yunnan Protected Areas and Yulongxueshan Nature Reserve. Seeds have been collected by United States National Plant Germplasm System Collection. It is known to occur in 10 Botanical Gardens and a living collection is known to occur in Sweden.

	In Place	Needed
3 Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5 Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.6 Uses and harvest levels	<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 checked="" type="checkbox"/>
4.4 Protected areas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5 Species-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.7 Ex situ conservation actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.7.2 Genome resource bank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.8 Other	<input checked="" type="checkbox"/>	<input 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
China	<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"/>
Sichuan	<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"/>
Tibet	<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"/>
Yunnan	<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
13. Pets/display animals, horticulture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Medicine - human and veterinary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

It has been described as neutral in nature, slightly bitter in taste and it is used for invigorate vital energy and fortify the kidneys. In Yunnan the dried flowers are prepared as a decoction for dizziness, tinnitus and poor eyesight.

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

*C. franchetiana* 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   |
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Genuine (recent)</li> <li><input type="checkbox"/> Genuine (since first assessment)</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> New information</li> <li><input type="checkbox"/> Knowledge of Criteria</li> <li><input type="checkbox"/> Incorrect data used previously</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Taxonomy</li> <li><input type="checkbox"/> Criteria Revisio</li> <li><input type="checkbox"/> Other</li> </ul> |
|  |   | <ul style="list-style-type: none"> <li><input type="checkbox"/> Same category and criteria</li> <li><input type="checkbox"/> Same category but change in criteria</li> </ul>   |

Current Population Trend: Stable

Date of Assessment: 30/06/2010

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

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