

Lasioglossum arctifrons

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Hymenoptera	Halictidae

Taxon Name: *Lasioglossum arctifrons* (Saunders, 1903)

Synonym(s):

- *Lasioglossum arctifrons subspecies arctifrons* (Saunders, 1903)
- *Lasioglossum arctifrons subspecies glandarium* (Warncke, 1975)
- *Lasioglossum arctifrons subspecies opatum* (Warncke, 1975)

Taxonomic Notes:

There are three subspecies on the Canary Islands: *L. a. glandarium* (Warncke, 1975) is found on El Hierro and La Palma; *L. a. opatum* is found on Gran Canaria (Warncke, 1975); and the nominal subspecies is found on Tenerife.

Assessment Information

Red List Category & Criteria: Least Concern [ver 3.1](#)

Year Published: 2015

Date Assessed: April 29, 2014

Justification:

Listed as Least Concern as the species is widespread and thought to be quite common on the Canary Islands. Despite the fact that this species is listed as Least Concern, data are still very much lacking and research should be conducted to determine the population trends and any future threats to the species as it is endemic to the Canary Islands.

Geographic Range

Range Description:

The species is endemic to the Canary Islands and is found on Tenerife (subspecies *arctifrons*), Hierro (subspecies *glandarium*), La Palma (subspecies *glandarium*), and Gran Canaria (subspecies *optatum*) (Ebmer 1974, 1993, Warncke 1975, Hohmann *et al.* 1993). The extent of occurrence (EOO) is 20,021 km² and the area of occupancy (AOO) is 40 km².

Country Occurrence:

Native: Spain (Canary Is.)

Population

The species is quite common on the Canary Islands (La Roche unpublished data, A. Pauly pers. comm. 2014).

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

There is no information available on the habitat and ecology of this species, although as it is endemic and quite common on the Canary Islands it can be assumed to be found on Mediterranean-type shrubland amongst other habitat types.

Systems: Terrestrial

Use and Trade

The species is not traded or exploited commercially.

Threats

The threats to this species are unknown.

Conservation Actions (see Appendix for additional information)

The species is not listed in any National Red Lists or Red Data Books. It is unknown whether it occurs within any protected areas. Further research should be conducted to determine the population size and trends, habitat and ecology, and threats to the species.

Credits

Assessor(s): Pauly, A. & Michez, D.

Reviewer(s): Roberts, S. & García, M.

**Facilitators(s) and
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External Resources

For [Images and External Links to Additional Information](#), please see the Red List website.

Appendix

Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
3. Shrubland -> 3.8. Shrubland - Mediterranean-type Shrubby Vegetation	Resident	Unknown	-

Conservation Actions in Place

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: Unknown

Research Needed

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Research Needed
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.3. Life history & ecology
1. Research -> 1.5. Threats

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 40
Estimated extent of occurrence (EOO) (km ²): 20021

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