

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

Lotus kunkelii

1. National level

Biogeographical regions and/or marine regions concerned within the Member State: **MAC**

map-range

map-distribution



map-favourable-range



2. Biogeographical or marine level

2.1 Biogeographical region or marine region: **MACARONESIAN**

2.2 Published sources and/or websites:

Beltrán E., Wildpret W., León C., García A. & A. Reyes (1999). Libro Rojo de la Flora Canaria contenida en la Directiva-Hábitats Europea. Min. de Medio Ambiente. 694 pp.

Bañares A., Blanca G., Güemes J., Moreno J.C. & Ortiz S., eds. (2003). Atlas y Libro Rojo de la Flora Vascular Amenazada de España. Dirección General de Conservación de la Naturaleza. Madrid. 1072 pp

http://www.mma.es/porta1/secciones/biodiversidad/inventarios/inb/flora_vascular/pdf/835.pdf

2.3 Range of the species type in the biogeographic region or marine region

2.3.1 Surface area of species range in km2: 100

2.3.2 Date of range determination: 2003

2.3.3 Quality of data concerning range:

2.3.4 Range trend: Decreasing (-)

Lotus kunkelii

- 2.3.5 Range trend magnitude in km2 (optional):
- 2.3.6 Range trend period: 1990-2003
- 2.3.7 Reasons for reported trend: Direct human influence (restoration, deterioration, destruction)
and/or specify

2.4 Population of the species in the biogeographic region or marine region

- 2.4.1 Population size estimation:
- Population size estimation (minimum)

Population size estimation (maximum)

Population units

41

0

Number of individuals
- 2.4.2 Date of population estimation: 2003
- 2.4.3 Methods used for population estimation: From comprehensive inventory
- 2.4.4 Quality of data on area: Good e.g based on extensive surveys
- 2.4.5 Population trend: Decreasing (-)
- 2.4.6 Population trend magnitude (km2):
- 2.4.7 Population trend period: 1994-2003
- 2.4.8 Reasons for reported trend: Direct human influence (restoration, deterioration, destruction)
and/or specify:
- 2.4.9 Justification of % thresholds for trends (optional):
- 2.4.10 Main pressures: 300 Sand and gravel extraction
400 Urbanised areas, human habitation
- 2.4.11 Threats 300 Sand and gravel extraction
400 Urbanised areas, human habitation

2,5 Habitat for the species in the biogeographic region or marine region

- 2.5.1 Habitats for the species: Especie de marcado carácter psamófilo con capacidad para colonizar distintos sus
- 2.5.2 Area estimation (km2): 50
- 2.5.3 Date of estimation: 2007
- 2.5.4 Quality of the data: Moderate e.g. based on partial data with some extrapolation
- 2.5.5 Trend of the habitat: Decreasing (-)
- 2.5.6 Trend period: 1970-2006
- 2.5.7 Reasons for reported trend: DirectHuman
- Other (specify):

2.6 Future prospects for the species:

Bad prospects - species likely to be become extinct in the biogeographical region

2.7 Complementary information

- 2.7.1 Favourable reference range (km2): Less than
- 2.7.2 Favourable reference population: More than
- 2.7.3 Suitable habitat for the species (km2): 25
- 2.7.4 Other relevant information (optional): población de Lotus kunkelii presenta una importante variación en el número de e

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Bad and deteriorating (U2-)	
Conclusions: (2.4) Population:	Bad and deteriorating (U2-)	
Conclusions: (2.5) Habitat for the species:	Bad and deteriorating (U2-)	

Lotus kunkelii

Conclusions: (2.6) Future prospects:	Bad and deteriorating (U2-)
Conclusions: Overall assessment:	Bad and deteriorating (U2-)