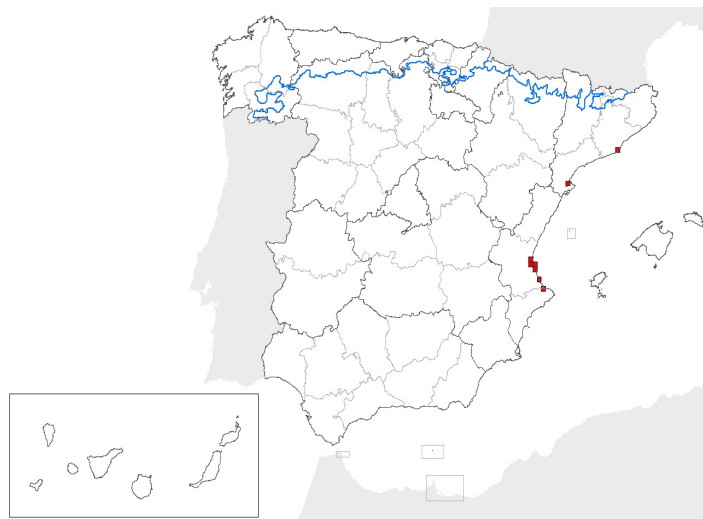


Kosteletzkya pentacarpos

1. National level

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

map-distribution



2. Biogeographical or marine level

2.1 Biogeographical region or marine region: **MEDITERRANEAN**

2.2 Published sources and/or websites:

Pino, J., E. de Roa (2001). Estat Actual i Dinàmica de les Poblacions de Trencadalla (*Kosteletzkya pentacarpos* (L.) Ledeb.) al Delta del Llobregat. *Spartina* 4:1-25.

Pino, J., E. de Roa (2003). Current census and distribution of *Kosteletzkya pentacarpos* (Malvaceae) in the Llobregat Delta (Barcelona). *Anal. Jard. Bot. Madrid*, 60: 226-227.

Estat actual i dinàmica de les poblacions de trencadalla *Kosteletzkya pentacarpos* al delta del Llobregat. J.Pino i E.de Roa. *Spartina*. Núm.4. 2001

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

- 2.3.1 Surface area of species range in km²: 769
- 2.3.2 Date of range determination: 2005-2007
- 2.3.3 Quality of data concerning range:
- 2.3.4 Range trend: Stable (=)
- 2.3.5 Range trend magnitude in km² (optional):
- 2.3.6 Range trend period: 2003-2007
- 2.3.7 Reasons for reported trend:
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
620973		Number of individuals

2.4.2 Date of population estimation:

2.4.3 Methods used for population estimation: Extrapolation from surveys of part of the population or from sampling

2.4.4 Quality of data on area: Moderate e.g. based on partial data with some extrapolation

Kosteletzkyia pentacarpos

2.4.5 Population trend:	Increasing (+)
2.4.6 Population trend magnitude (km2):	400000
2.4.7 Population trend period:	1995-2007
2.4.8 Reasons for reported trend:	
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	100 Cultivation 400 Urbanised areas, human habitation 410 Industrial or commercial areas 490 Other urbanisation, industrial and similar activities 710 Noise nuisance 830 Canalisation 952 - eutrophication
2.4.11 Threats	100 Cultivation 102 - mowing / cutting 110 Use of pesticides 180 Burning 400 Urbanised areas, human habitation 410 Industrial or commercial areas 490 Other urbanisation, industrial and similar activities 710 Noise nuisance 830 Canalisation 952 - eutrophication

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

2.5.1 Habitats for the species:	Habita en herbazales húmedos, orillas de cursos de agua y cañaverales, siempre e
2.5.2 Area estimation (km2):	
2.5.3 Date of estimation:	
2.5.4 Quality of the data:	
2.5.5 Trend of the habitat:	Decreasing (-)
2.5.6 Trend period:	1999-2007
2.5.7 Reasons for reported trend:	DirectHuman Other
Other (specify):	la extensión y las comunidades vegetales características de las matas y de much

2.6 Future prospects for the species: Poor prospects - species likely to struggle unless conditions change

2.7 Complementary information

2.7.1 Favourable reference range (km2):	
2.7.2 Favourable reference population:	
2.7.3 Suitable habitat for the species (km2):	
2.7.4 Other relevant information (optional):	Hábitat idóneo: “Turberas calcáreas del Cladium mariscus” en comunidades de So

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

Kosteletzky pentacarpus

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