

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

NATIONAL LEVEL

1. General information

1.1 Member State	HU
1.2 Species code	1042
1.3 Species scientific name	<i>Leucorrhinia pectoralis</i>
1.4 Alternative species scientific name	
1.5 Common name (in national language)	lári szitakötő

2. Maps

2.1 Sensitive species	No
2.2 Year or period	2013-2018
2.3 Distribution map	Yes
2.4 Distribution map Method used	Based mainly on extrapolation from a limited amount of data
2.5 Additional maps	No

3. Information related to Annex V Species (Art. 14)

3.1 Is the species taken in the wild/exploited?	No
3.2 Which of the measures in Art. 14 have been taken?	a) regulations regarding access to property No
	b) temporary or local prohibition of the taking of specimens in the wild and exploitation No
	c) regulation of the periods and/or methods of taking specimens No
	d) application of hunting and fishing rules which take account of the conservation of such populations No
	e) establishment of a system of licences for taking specimens or of quotas No
	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens No
	g) breeding in captivity of animal species as well as artificial propagation of plant species No
	h) other measures No

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3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

b) Statistics/ quantity taken	Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period					
	Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
Min. (raw, ie. not rounded)						
Max. (raw, ie. not rounded)						
Unknown	No	No	No	No	No	No

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

BIOGEOGRAPHICAL LEVEL

4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

Pannonian (PAN)

4.2 Sources of information

A Nemzeti Biodiverzitás-monitorozó Rendszer 2013-2018 között végzett felméréseinek jelentései

Deli Tamás - Danyik Tibor (szerk.) (2015): A Körös-Maros Nemzeti Park természeti értékei II. A Körös-Maros nemzeti Park Állatvilága - Gerinctelenek – KMNPI

AMBRUS A., DANYIK T., KOVÁCS T., OLAJOS P. (2018): Magyarország szitakötőinek kézikönyve – Magyar természettudományi Múzeum, Herman Ottó Intézet Nonprofit Kft. Budapest 260 pp.

Haraszthy L., Sáfián Sz. (szerk.)(2016): Védett állatfajok elterjedési atlasza Vas, Zala és Somogy megye Natura 2000 területein / Distribution atlas of protected species of animals in Natura 2000 sites of Vas, Zala and Somogy Counties. Somogy Természetvédelmi Szervezet, Somogyfajs, pp. 1-216.
http://stvsz.com/wp-content/uploads/2017/07/vedett_allatfajok_elterjedesi_atlasza_2016_dig.pdf

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Boda Pál - Móra Arnold - Csabai Zoltán (2016): Az Ugri-rét komplex vízi makrogerinctelen faunafeltáró kutatása - Crisicum 9: 93-131

Kovács T., Ambrus A. és Olajos P. (2017): Lárva és exuvium adatok Magyarország Odonata faunájához IV. – Folia Historico-Naturalia Musei Matraensis, Gyöngyös, 41: 17-23.
http://www.matramuzeum.hu/e107_files/public/docrep/vol.41._2017/017_024_Kovacs_Odonataadatok_41.pdf

„A közösségi jelentőségű fajok és élőhelyek megőrzését szolgáló tudásbázis fejlesztése” (KEHOP-4.3.0-VEKOP-15-2016-00001) projekt adatai

5. Range

5.1 Surface area	6982
5.2 Short-term trend Period	2007-2018
5.3 Short-term trend Direction	Uncertain (u)
5.4 Short-term trend Magnitude	a) Minimum b) Maximum
5.5 Short-term trend Method used	Based mainly on expert opinion with very limited data
5.6 Long-term trend Period	
5.7 Long-term trend Direction	
5.8 Long-term trend Magnitude	a) Minimum b) Maximum
5.9 Long-term trend Method used	
5.10 Favourable reference range	a) Area (km ²) b) Operator Approximately equal to (≈) c) Unknown d) Method
5.11 Change and reason for change in surface area of range	Improved knowledge/more accurate data The change is mainly due to: Improved knowledge/more accurate data
5.12 Additional information	

6. Population

6.1 Year or period	2013-2018
6.2 Population size (in reporting unit)	a) Unit number of map 1x1 km grid cells (grids1x1) b) Minimum

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	c) Maximum	
	d) Best single value	91
6.3 Type of estimate	Minimum	
6.4 Additional population size (using population unit other than reporting unit)	a) Unit	
	b) Minimum	
	c) Maximum	
	d) Best single value	
6.5 Type of estimate		
6.6 Population size Method used	Based mainly on extrapolation from a limited amount of data	
6.7 Short-term trend Period	2007-2018	
6.8 Short-term trend Direction	Decreasing (-)	
6.9 Short-term trend Magnitude	a) Minimum	
	b) Maximum	
	c) Confidence interval	
6.10 Short-term trend Method used	Based mainly on expert opinion with very limited data	
6.11 Long-term trend Period		
6.12 Long-term trend Direction		
6.13 Long-term trend Magnitude	a) Minimum	
	b) Maximum	
	c) Confidence interval	
6.14 Long-term trend Method used		
6.15 Favourable reference population (using the unit in 6.2 or 6.4)	a) Population size	
	b) Operator	More than (>)
	c) Unknown	
	d) Method	
6.16 Change and reason for change in population size	Improved knowledge/more accurate data	
	Use of different method	
	The change is mainly due to:	Improved knowledge/more accurate data
6.17 Additional information		

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7. Habitat for the species

7.1 Sufficiency of area and quality of occupied habitat	a) Are area and quality of occupied habitat sufficient (for long-term survival)?	Unknown
	b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?	
7.2 Sufficiency of area and quality of occupied habitat Method used	Based mainly on extrapolation from a limited amount of data	
7.3 Short-term trend Period	2007-2018	
7.4 Short-term trend Direction	Decreasing (-)	
7.5 Short-term trend Method used	Based mainly on expert opinion with very limited data	
7.6 Long-term trend Period		
7.7 Long-term trend Direction		
7.8 Long-term trend Method used		
7.9 Additional information		

8. Main pressures and threats

8.1 Characterisation of pressures/threats

Pressure	Ranking
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	H
Droughts and decreases in precipitation due to climate change (N02)	H
Physical alteration of water bodies (K05)	M
Agricultural activities generating diffuse pollution to surface or ground waters (A26)	M
Management of fishing stocks and game (G08)	M
Threat	Ranking
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	H
Droughts and decreases in precipitation due to climate change (N02)	H
Physical alteration of water bodies (K05)	M
Agricultural activities generating diffuse pollution to surface or ground waters (A26)	M

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Management of fishing stocks and game (G08)

M

8.2 Sources of information

8.3 Additional information

9. Conservation measures

9.1 Status of measures	a) Are measures needed?	Yes
	b) Indicate the status of measures	Measures identified and taken
9.2 Main purpose of the measures taken	Maintain the current range, population and/or habitat for the species	
9.3 Location of the measures taken	Only inside Natura 2000	
9.4 Response to the measures	Medium-term results (within the next two reporting periods, 2019-2030)	
9.5 List of main conservation measures		

Reduce impact of multi-purpose hydrological changes (CJ02)

Restore habitats impacted by multi-purpose hydrological changes (CJ03)

Management of habitats (others than agriculture and forest) to slow, stop or reverse natural processes (CL01)

Manage the use of natural fertilisers and chemicals in agricultural (plant and animal) production (CA09)

Reduce diffuse pollution to surface or ground waters from agricultural activities (CA11)

Reducing the impact of (re-) stocking for fishing and hunting, of artificial feeding and predator control (CG03)

9.6 Additional information

10. Future prospects

10.1 Future prospects of parameters	a) Range	Good
	b) Population	Poor
	c) Habitat of the species	Poor

10.2 Additional information

11. Conclusions

11.1. Range	Favourable (FV)
11.2. Population	Unfavourable - Inadequate (U1)
11.3. Habitat for the species	Unfavourable - Inadequate (U1)
11.4. Future prospects	Unfavourable - Inadequate (U1)

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11.5 Overall assessment of Conservation Status	Unfavourable - Inadequate (U1)
11.6 Overall trend in Conservation Status	Deteriorating (-)
11.7 Change and reasons for change in conservation status and conservation status trend	<p>a) Overall assessment of conservation status</p> <p>No change</p> <p>The change is mainly due to:</p> <p>b) Overall trend in conservation status</p> <p>Genuine Improved knowledge/more accurate data Use of different method</p> <p>The change is mainly due to: Improved knowledge/more accurate data</p>
11.8 Additional information	

12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)	<p>a) Unit number of map 1x1 km grid cells (grids1x1)</p> <p>b) Minimum</p> <p>c) Maximum</p> <p>d) Best single value 70</p>
12.2 Type of estimate	Minimum
12.3 Population size inside the network Method used	Based mainly on extrapolation from a limited amount of data
12.4 Short-term trend of population size within the network Direction	Uncertain (u)
12.5 Short-term trend of population size within the network Method used	Based mainly on expert opinion with very limited data
12.6 Additional information	

13. Complementary information

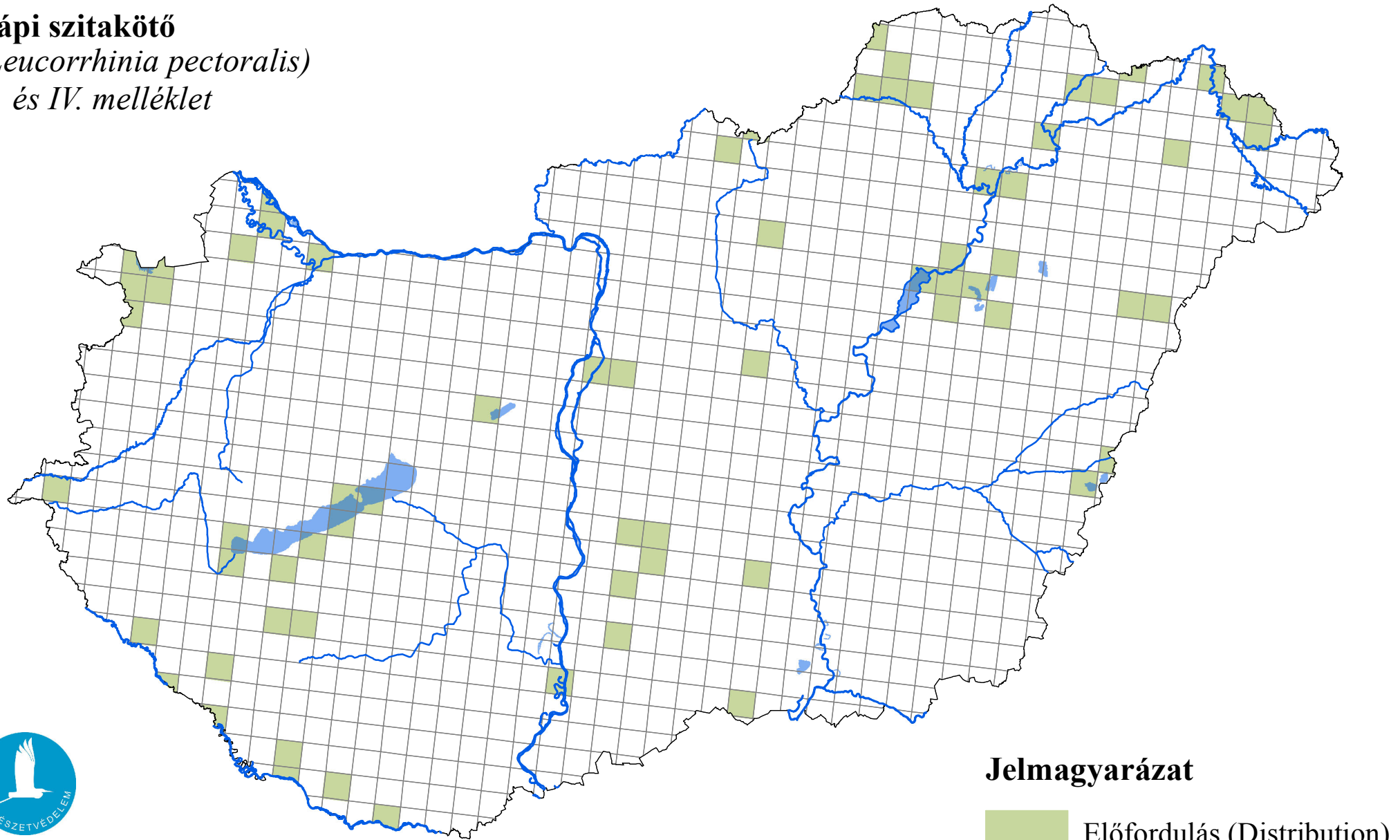
13.1 Justification of % thresholds for trends
13.2 Trans-boundary assessment

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13.3 Other relevant Information


Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Lápi szitakötő
(*Leucorrhinia pectoralis*)
II. és IV. melléklet



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

 Előfordulás (Distribution)

0 25 50 Kilometers

