

REPORT ON THE 'MAIN RESULTS OF THE SURVEILLANCE UNDER ARTICLE 17' FOR ANNEX II, IV AND V SPECIES OF DIRECTIVE 92/43/EEC

NATIONAL LEVEL

1. GENERAL INFORMATION

1.1 Member State	HU
1.2 Species code	4068
1.3 Species scientific name	<i>Adenophora lilifolia</i>
1.4 Alternative species scientific name (Optional)	
1.5 Common name (Optional)	illatos csengettyűvirág

2. MAPS

Distribution of the species within the Member State concerned.

2.1 Sensitive species	No
2.2 Year or period	2019–2024
2.3 Distribution map	Yes
2.4 Distribution map Method used	Complete survey or a statistically robust estimate
2.5 Additional maps (Optional)	–
2.6 Additional information (Optional)	–

3. INFORMATION RELATED TO ANNEX V SPECIES (ART. 14 OF DIRECTIVE 92/43/EEC)

3.1 Is the species taken in the wild/exploited?	No	
3.2 Are measures needed for the species (only for species in favourable conservation status)?	No	
3.3 Which of the measures in Art. 14 have been taken?	a) regulations regarding access to property	–
	b) temporary or local prohibition of the taking of specimens in the wild and exploitation	–
	c) regulation of the periods and/or methods of taking specimens	–

	d) application of hunting and fishing rules which take account of the conservation of such populations	–					
	e) establishment of a system of licences for taking specimens or of quotas	–					
	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens	–					
	g) breeding in captivity of animal species as well as artificial propagation of plant species	–					
	h) other measures, if yes, describe	–					
3.4 Hunting bag or quantity taken in the wild regardless of conservation status - for Mammals and Acipenseridae (Fish)	a) Unit	–					
	b) Statistics/ quantity taken	<i>Provide statistics/quantity taken per hunting season or per year (where season is not used) over the reporting period</i>					
		Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
	Min. (raw, i.e. not rounded)						
	Max. (raw, i.e. not rounded)						
	Unknown	–	–	–	–	–	–
3.5 Hunting bag or quantity taken in the wild Method used	–						
3.6 Additional information (Optional)	–						

BIOGEOGRAPHICAL LEVEL

Complete for each biogeographical region or marine region concerned.

4. BIOGEOGRAPHICAL AND MARINE REGIONS

4.1 Biogeographical or marine region where the species occurs	Pannonian
4.2 First time reporting	No
4.3 Additional information	–

4.4 Sources of information	<p>Kovács Éva (2018): Küzdelem a kiskőrösi erdő kecses ritkaságáért, Két víz köze, KNPI hírlevele 2018. tél, 10. oldal https://www.knp.hu/uploads/2020/12/2018tel-ketvizkoze-12090901.pdf</p> <p>Farkas T. (2020): Az illatos csengettyűvirág (<i>Adenophora liliifolia</i>) biológiai jellemzői. Botanikai Közlemények 107(1): 57-75. http://doi.org/10.17716/BotKozlem.2020.107.1.57</p> <p>Sárospataki Miklós (2020): Az illatos csengettyűvirág (<i>Adenophora liliifolia</i>) beporzóinak vizsgálata Kiskőrösön és Ócsán, Kutatási jelentés, KNPI.</p> <p>Farkas T. (2021): The occurrence of ladybells (<i>Adenophora liliifolia</i>) in border meadow Drahos (Drahoše) near Hollóháza (NE Hungary) an Skaroš (SE Slovakia). Thaiszia 31(1) 105-116. https://doi.org/10.33542/TJB2021-1-08</p> <p>Vaculná, L., Majeský, Ľ., Ali, T. et al. (2021) Genetic structure of endangered species <i>Adenophora liliifolia</i> and footprints of postglacial recolonisation in Central Europe. Conserv Genet 22, 1069–1084. https://doi.org/10.1007/s10592-021-01396-5</p> <p>Sramkó G. et al. (2022): Az illatos csengettyűvirág (<i>Adenophora liliifolia</i>) és egyhajúvirág (<i>Bulbocodium vernum</i>) konzerváció-genetikai vizsgálata. Kutatási jelentés a Kiskunsági Nemzeti Park Igazgatóság részére.</p> <p>Monitoring reports (2019-2024) of Hungarian Biodiversity Monitoring System</p>
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5. RANGE

Range within the biogeographical/marine region concerned.

5.1 Surface area (km ²)	692	
5.2 Change and reason for change in surface area of range and main reason	Is there a change between reporting periods? yes, due to genuine change	
	The change is mainly due to: genuine change	
5.3 Short-term trend Period	2013–2024	
5.4 Short-term trend Direction	stable	
5.5 Short-term trend Magnitude (Optional)	a) Estimated Minimum	–
	b) Estimated Maximum	–
	c) Pre-defined range	–
	d) Unknown	–
5.6. Short-term trend Magnitude Type of estimate (Optional)	–	
5.7 Short-term trend Method used	Complete survey or a statistically robust estimate	
5.8 Long-term trend Period (Optional)	–	

5.9 Long-term trend Direction (Optional)	–	
5.10 Long-term trend Magnitude (Optional)	a) Minimum	–
	b) Maximum	–
5.11 Long-term trend Method used (Optional)	–	
5.12 Favourable reference range	a) –	
	b) <i>if a precise favourable reference range is unknown indicate if the range is:</i> between 2% and 10% smaller than the FRR	
	c) –	
	d) <i>Indicate method used to set reference value (multiple methods can be chosen)</i>	<i>Indicate the quality of information available:</i>
	Reference-based approach	Moderate
5.13 Range when Directive came into force (Optional)	–	
5.14 Additional information (Optional)	–	

6. POPULATION

Population within the biogeographical/marine region concerned.

6.1 Year or period	2019–2024	
6.2 Population size (in reporting unit)	a) Unit	number of individuals
	b) Minimum	160
	c) Maximum	630
	d) Best single value	–
	e) Class	
6.3 Type of estimate	Best estimate	
6.4 Quality of extrapolation to reporting unit (Optional)	–	
6.5 Additional population size (using population unit other than reporting unit) (Optional)	a) Unit	–
	b) Minimum	–
	c) Maximum	–
	d) Best single value	–
6.6 Type of estimate (Optional)	–	
6.7 Population size Method used	Complete survey or a statistically robust estimate	

6.8 Change and reason for change in population size and main reason	Is there a change between reporting periods?	
	yes, due to genuine change yes, due to improved knowledge/more accurate data	
	The change is mainly due to: genuine change	
6.9 Short-term trend Period	2013–2024	
6.10 Short-term trend Direction	uncertain	
6.11 Short-term trend Magnitude	a) Estimated Minimum	–
	b) Estimated Maximum	–
	c) Pre-defined range	–
	d) Unknown	Unknown
6.12 Short-term trend Magnitude Type of estimate	Best estimate	
6.13 Short-term trend Method used	Complete survey or a statistically robust estimate	
6.14 Long-term trend Period (Optional)	–	
6.15 Long-term trend Direction (Optional)	–	
6.16 Long-term trend Magnitude (Optional)	a) Minimum	–
	b) Maximum	–
	c) Confidence interval	–
6.17 Long-term trend Method used (Optional)	–	
6.18 Favourable reference population	<i>a) Population size (with unit):</i>	
	<i>b) if a precise favourable reference population is unknown indicate if the population is:</i> between 51% and 100% smaller than the FRP	
	<i>c) Indicate if favourable reference population is unknown:</i> –	
	<i>d) Indicate method used to set reference value (multiple methods can be chosen)</i>	<i>Indicate the quality of information available:</i>

	Reference-based approach	High
6.19 Population size when Directive came into force (Optional)	–	
6.20 Additional Information (Optional)		

7. HABITAT FOR THE SPECIES

7.1 Sufficiency of area and quality of occupied habitat	<p>a) Is area of occupied habitat sufficient (for long-term survival)? No</p> <p>b) Is quality of occupied habitat sufficient (for long-term survival)? Yes</p> <p>c) If NO to a) is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)? Unknown</p>	
7.2 Sufficiency of area and quality of occupied habitat Method used	<p>Area of habitat: Complete survey or a statistically robust estimate</p>	<p>Quality of habitat: Based mainly on extrapolation from a limited amount of data</p>
7.3 Short-term trend Period	2013–2024	
7.4 Short-term trend Direction	uncertain	
7.5 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data	
7.6 Long-term trend Period (Optional)	–	
7.7 Long-term trend Direction (Optional)	–	
7.8 Long-term trend Method used (Optional)	–	
7.9 Additional information (Optional)	–	

8. MAIN PRESSURES AND THREATS

8.1 Characterisation of pressures

Pressure	Timing	Scope (proportion of population affected)	Influence (on population or habitat of the species)	Invasive alien species of Union concern	Other invasive alien species
PA05 Agriculture - Abandonment of management/use of grasslands and other agricultural and agroforestry systems	ongoing and likely to be in the future	majority 50 – 90%	Medium influence		

PA06 Agriculture - Mowing or cutting of grasslands	in the past but now suspended due to measures	–	–		
PB06 Forestry - Logging or thinning (excl. clear cutting)	only in future	–	–		
PE01 Transport - Roads, paths, railroads and related infrastructure	ongoing and likely to be in the future	minority <50%	Medium influence		
PG09 Species exploitation - Management of fishing stocks and game	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PI02 Problematic species - Other invasive alien species (other than species of Union concern)	ongoing and likely to be in the future	minority <50%	Medium influence		<i>Solidago spp.</i> <i>Acer negundo</i> <i>Nezara viridula</i> <i>Metcalfa pruinosa</i>
PI03 Problematic species - Problematic native species	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PJ01 Climate change - Temperature changes and extremes	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PJ03 Climate change - Changes in precipitation regimes	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PJ10 Climate change - Change of habitat location, size and/or quality	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PL06 Water regimes - Physical alteration of water bodies	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PM07 Natural - Natural processes without direct or indirect influence from human activities or climate change	ongoing and likely to be in the future	majority 50 – 90%	High influence		
8.2 Methods used (Optional)	–				
8.3 Sources of information (Optional)	–				
8.4 Additional information (Optional)	–				

9. CONSERVATION MEASURES

9.1 Status of measures	<p>Are measures needed?</p> <p>Yes</p> <p>Status of measures:</p> <p>Part of measures identified have been taken</p>
9.2 Scope of measures taken	>90%
9.3 Main purpose of the measures taken	<p>A. Indicate the main purpose(s) of measures taken:</p> <p>Maintain the current range, population and/or habitat for the species Expand the current range of the species (related to 'Range') Increase the population size and/or improve population dynamics (improve reproduction success, reduce mortality, improve age/sex structure) (related to 'Population')</p> <p>B. The main (primary) purpose:</p> <p>Maintain current state</p>
9.4 Location of the measures taken	Only inside Natura 2000
9.5 Response to the measures <i>(when the measures start to neutralize the pressure(s) and produce positive effects)</i>	Medium-term response (within the next two reporting periods, 2025–2036)
9.6 List of main conservation measures	<p>MA04 – Reinstate appropriate agricultural practices to address abandonment, including mowing, grazing, burning or equivalent measures</p> <p>MA05 – Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)</p> <p>ME01 – Reduce impact of transport operation and infrastructure</p> <p>MG02 – Management of hunting, recreational fishing, and the recreational or commercial harvesting or collection of plants and fungi (incl. restoration of habitats)</p> <p>MG03 – Reducing the impact of (re-) stocking for fishing and hunting, of artificial feeding and predator control</p> <p>MI03 – Management, control or eradication of other invasive alien species</p> <p>MI05 – Management of problematic native species</p> <p>MJ01 – Implement climate change mitigation measures</p> <p>MM01 – Management of habitats (others than agriculture and forest) to slow, stop or reverse natural processes that occur without direct or indirect influence from human activities or climate change</p> <p>MM04 – Other measures related to natural processes</p> <p>MS01 – Reinforce populations of species from the directives</p> <p>MS02 – Reintroduce species from the directives</p>
9.7 Additional information (Optional)	–

10. FUTURE PROSPECTS

10.1 Future prospects of	a) Range	Poor
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parameters	b) Population	Poor
	c) Habitat of the species	Unknown
10.2 Additional information (Optional)	–	

11. CONCLUSIONS

Assessment of conservation status at end of reporting period

11.1 Range	Inadequate (U1)	
11.2 Population	Bad (U2)	
11.3 Habitat for the species	Inadequate (U1)	
11.4 Future prospects	Inadequate (U1)	
11.5 Overall assessment of Conservation Status	Bad (U2)	
11.6 Overall trend in Conservation Status	stable	
11.7 Change and reasons for change in conservation status and conservation status trend	Overall assessment of conservation status (11.5)	
	<i>Indicate whether there is a change from the previous reporting round and (if yes) the nature of that change.</i>	no, there is no difference
	<i>The change is mainly due to:</i>	
	Overall trend in conservation status (11.6)	
	<i>Indicate whether there is a change from the previous reporting round and (if yes) the nature of that change.</i>	yes, due to improved knowledge/more accurate data
	<i>The change is mainly due to:</i>	improved knowledge or more accurate data
11.8 Additional information (Optional)	–	

12. NATURA 2000 (PROPOSED SITES OF COMMUNITY IMPORTANCE (PSCIs), SITES OF COMMUNITY IMPORTANCE (SCIs) AND SPECIAL AREAS OF CONSERVATION (SACs) COVERAGE FOR ANNEX II SPECIES OF DIRECTIVE 92/43/EEC

12.1 Population size inside the pSCIs, SCIs and SACs network (on the	a) Unit	number of individuals
	b) Minimum	160

biogeographical/marine level including all sites where the species is present)	c) Maximum	630
	d) Best single value	–
12.2 Type of estimate	Best estimate	
12.3 Additional population size (using population unit other than reporting unit in field 6.2) (Optional)	a) Unit	–
	b) Minimum	–
	c) Maximum	–
	d) Best single value	–
12.4 Type of estimate (Optional)	–	
12.5 Population size inside the network Method used	Complete survey or a statistically robust estimate	
12.6 Short-term trend of population size within the network Direction	uncertain	
12.7 Short-term trend of population size within the network Method used	Complete survey or a statistically robust estimate	
12.8 Short-term trend of habitat for the species within the network Direction	uncertain	
12.9 Short-term trend of habitat for the species within the network Method used	Based mainly on extrapolation from a limited amount of data	
12.10 Additional information (Optional)	–	

13. COMPLEMENTARY INFORMATION

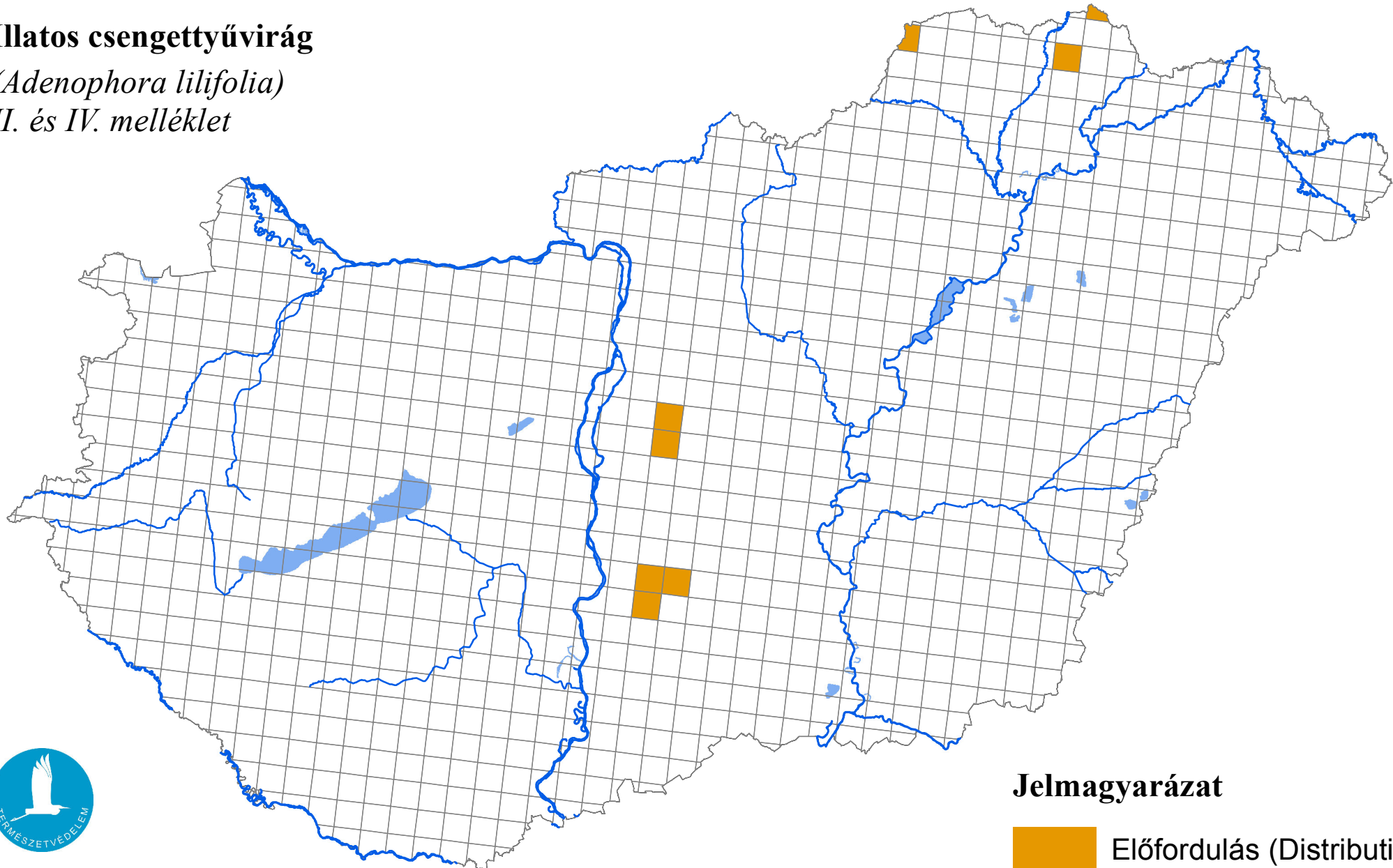
13.1 Justification of % thresholds for trends	–
13.2 Trans-boundary assessment	–
13.3 Other relevant information	–

Az élőhelyvédelmi irányelv 17. cikke szerinti országjelentés, 2025

Illatos csengettyűvirág

(*Adenophora lilifolia*)

II. és IV. melléklet



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

 Előfordulás (Distribution)

0 25 50 Kilometers
