

## Annex B - Bird Species' status and trends report (Article 12)

### 1. Species information

1.1 Member State	Hungary
1.2 Species code	A005
1.3 EURING code	90
1.4 Species scientific name	Podiceps cristatus
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	búbos vöcsök
1.8 Season	Breeding (B)

### 2. Population size

2.1 Year or period	2014-2018
2.2 Population size	a) Unit                      number of pairs (p) b) Minimum                2000 c) Maximum                3000 d) Best single value
2.3 Type of estimate	Best estimate
2.4 Population size Method used	Based mainly on expert opinion with very limited data
2.5 Sources	KEHOP-4.3.0-15-2016-00001 project results, unpublished. National park directorates' databases <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>
2.6 Change and reason for change (since previous report)	Improved knowledge/more accurate data Use of different method  The change is mainly due to:    Improved knowledge/more accurate data
2.7 Additional information	New method: Under the KEHOP-4.3.0-15-2016-00001 project in 2017-2018, 530 2.5x2.5 km <sup>2</sup> grids were surveyed for a given set of breeding bird species, covering 3.6% of the country. 68 breeding pairs of Podiceps cristatus were estimated for the 530 grids. As the habitat distribution in the 530 grids is considered to be representative of the country, 1889 pairs can be calculated for the national population. This supports the population estimate based on the national bird atlas mapping and on the databases of the national park directorates, which resulted in 2000-3000 pairs, and these latter figures were used in the present report.

### 3. Population trend

#### 3.1 Short-term trend (last 12 years)

3.1.1 Short-term trend Period	2007-2018
3.1.2 Short-term trend Direction	Stable (0)
3.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value

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### 3.1.4 Short-term trend Method used

### 3.1.5 Sources

Based mainly on expert opinion with very limited data

[http://www.termeszettvedelem.hu/\\_user/browser/File/Natura2000/BD\\_12\\_jelentes\\_2013\\_anyagai/Podiceps\\_cristatus.pdf](http://www.termeszettvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Podiceps_cristatus.pdf)

National park directorates' databases

<http://map.mme.hu/maps/map2>

## 3.2 Long-term trend (since c. 1980)

### 3.2.1 Long-term trend Period

1980-2018

### 3.2.2 Long-term trend Direction

Decreasing (-)

### 3.2.3 Long-term trend Magnitude

a) Minimum 67

b) Maximum 71

c) Best single value

### 3.2.4 Long-term Trend Method used

Based mainly on expert opinion with very limited data

### 3.2.5 Sources

Magyar G., Hadarics T., Waliczky Z., Schmidt A., Nagy T. & Bankovics A. (1998): Magyarország madarainak névjegyzéke. Madártani Intézet, Budapest, 26 p.

BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series No.12.), 30 p.

Ecsedi Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy Természetvédelmi Egyesület, Winter Fair, Balmazújváros - Szeged. 2004. 105-107 p.

MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. 69 p.

KEHOP-4.3.0-15-2016-00001 project results, unpublished.

National park directorates' databases

<http://map.mme.hu/maps/map2>

### 3.3 Additional information

Az állomány rövidtávon stabil. A csökkenés a korábbi jelentéshez viszonyítva a jobb minőségű adatgyűjtéssel és adatokkal magyarázható.

A hosszútávú csökkenés részben valós lehet.

## 4. Breeding distribution map and size

### 4.1 Sensitive species

No

### 4.2 Year or period

2014-2018

### 4.3 Breeding distribution map

Yes

### 4.4 Breeding distribution surface area

29064

### 4.5 Breeding distribution Method used

Complete survey or a statistically robust estimate

### 4.6 Additional maps

No

### 4.7 Sources

National park directorates' databases

<http://map.mme.hu/maps/map2>

### 4.8 Additional information

## 5. Breeding range trend

### 5.1 Short-term trend (last 12 years)

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5.1.1 Short-term trend Period	2007-2018
5.1.2 Short-term trend Direction	Stable (0)
5.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.1.4 Short-term trend Method used	Based mainly on expert opinion with very limited data
5.1.5 Sources	<a href="http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Podiceps_cristatus.pdf">http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Podiceps_cristatus.pdf</a> National park directorates' databases <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>

### 5.2 Long-term trend (since c. 1980)

5.2.1 Long-term trend Period	1980-2018
5.2.2 Long-term trend Direction	Unknown (X)
5.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.2.4 Long-term trend Method used	Insufficient or no data available
5.2.5 Sources	National park directorates' databases <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>
5.3 Additional information	Az elterjedés növekedése rövidtávon az átfogóbb felméréseknek köszönhető. 1990-es évek előttről nem áll rendelkezésre országos térképes adat a fajra vonatkozólag.

## 6. Progress in work related to international Species Action Plans (SAPs), Management Plans (MPs) and Brief Management Statements (BMSs)

6.0 Is/Will the information related to international SAPs, MPs and BMSs (section 6) be provided for the other season for this species?	No
6.1 Type of international plan	No plan (NA)
6.2 Has a national plan linked to the international SAP/MP/BMS been adopted?	No
6.3 If 'NO', describe any measures and initiatives taken related to the international SAP/MP/BMS	
6.4 Assessment of the effectiveness of SAPs for globally threatened species (Art. 12, Species Action Plans)	( )
6.5 Assessment of the effectiveness of MPs for huntable species in non-Secure status (Articles 3 and 7, Management Plans)	( )
6.6 Sources of further Information	

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### 7. Main pressures and threats

7.2 Sources of information

7.3 Additional information

### 8. Main Conservation Measures

8.1 Status of measures

8.2 Main purpose of the measures taken

8.3 Location of the measures

8.4 Response to the measures

8.6 Additional information

### 9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network

a) Unit                      number of pairs (p)  
b) Minimum  
c) Maximum  
d) Best single value

9.2 Type of estimate

9.3 Population size inside the network  
Method used

9.4 Short-term trend of population size within the network Direction

9.5 Short-term trend of population size within the network Method used

9.6 Additional information

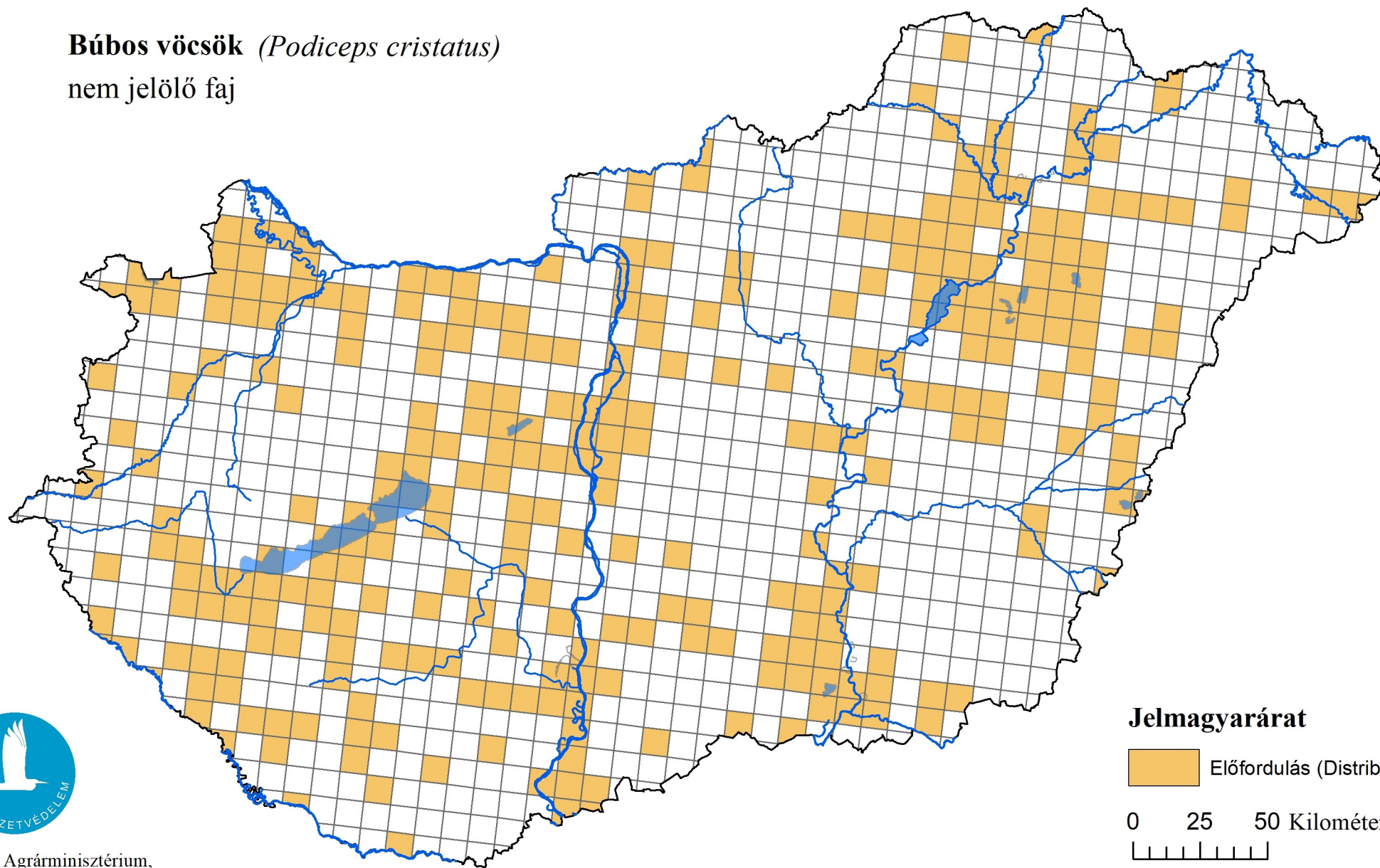
2020. május 21.

## **Annex B - Bird Species' status and trends report (Article 12)**

# A madárvédelmi irányelv 12. cikke alapján készített országjelentés 2019.

**Búbos vöcsök** (*Podiceps cristatus*)

nem jelölő faj



Forrás: Agrárminisztérium,  
Természetmegőrzési Főosztály