

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

## 1. Species information

1.1 Member State	Hungary
1.2 Species code	A096
1.3 EURING code	3040
1.4 Species scientific name	Falco tinnunculus
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	vörös vércse
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 7000 c) Maximum 10000 d) Best single value
2.3 Type of estimate	Best estimate
2.4 Population size Method used	Based mainly on extrapolation from a limited amount of 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2.5 Sources	KEHOP-4.3.0-15-2016-00001 project results, unpublished.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. 329 breeding pairs of Falco tinnunculus were estimated for the 530 grids. As the habitat distribution in the 530 grids is considered to be representative of the country, 9210 pairs can be calculated for the national population. The maximum population was estimated from this figure. From the national park databases 7000 pairs can be estimated which was used as the minimum population. From the national common bird monitoring, the population has been calculated to be 14463-15540 individuals.

## 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)

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### 3.1.3 Short-term trend Magnitude

- a) Minimum
- b) Maximum
- c) Best single value

### 3.1.4 Short-term trend Method used

Based mainly on extrapolation from a limited amount of data

### 3.1.5 Sources

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

Increasing (+)

### 3.2.3 Long-term trend Magnitude

- a) Minimum 67
- b) Maximum 150
- 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

Tucker, G. M. – Heath, M. F. (1994): Birds in Europe – Their Conservation Status. Royal Society for the Protection of Birds, BirdLife International, 190-191 p.

Magyar G., Hadarics T., Waliczky Z., Schmidt A., Nagy T. & Bankovics A. (1998): Magyarország madarainak névjegyzéke. Madártani Intézet, Budapest, 51 p.

Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. 98-99 p.

Ecsedi Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy Természetvédelmi Egyesület, Winter Fair, Balmazújváros - Szeged. 2004. 232-234 p.

BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series No.12.), 86 p.

MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. 92-93 p.

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

National park directorates' databases  
<http://map.mme.hu/maps/map2>  
National common bird monitoring scheme (MMM) database

## 3.3 Additional information

## 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

52573

### 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

2020. május 21.

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### 5. Breeding range trend

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

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 extrapolation from a limited amount of data
5.1.5 Sources	<a href="http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Falco_tinnunculus.pdf">http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Falco_tinnunculus.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	Increasing (+)
5.2.3 Long-term trend Magnitude	a) Minimum 10 b) Maximum 20 c) Best single value 20
5.2.4 Long-term trend Method used	Based mainly on expert opinion with very limited data
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

### 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)	()

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6.6 Sources of further Information

### 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

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

9.6 Additional information

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

Vörös vércse (*Falco tinnunculus*)  
nem jelölő faj

