

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

## 1. Species information

1.1 Member State	Hungary
1.2 Species code	A118
1.3 EURING code	4070
1.4 Species scientific name	Rallus aquaticus
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	guvat
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 5000 c) Maximum 7000 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2.5 Sources	KEHOP-4.3.0-15-2016-00001 project results, unpublished.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. 223 breeding pairs of Rallus aquaticus were estimated for the 530 grids. As the habitat distribution in the 530 grids is considered to be representative of the country, 6194 pairs can be calculated for the national population. This figure was used here as the mean, with a range.

## 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
3.1.4 Short-term trend Method used	Based mainly on expert opinion with very limited data
3.1.5 Sources	<a href="http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Rallus_aquaticus.pdf">http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Rallus_aquaticus.pdf</a>

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

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	1990-2018
3.2.2 Long-term trend Direction	Unknown (X)
3.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value
3.2.4 Long-term Trend Method used	Insufficient or no data available
3.2.5 Sources	KEHOP-4.3.0-15-2016-00001 project results, unpublished.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>
3.3 Additional information	A legkorábbi elérhető országos állománybecslés 10-20 000 pár. Ez az állományadat valószínűleg kevésbé megalapozott mint a jelenlegi állománybecslés. Ennek alapján nem lehet hosszútávú trendet megállapítani.

## 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	33674
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 <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>
4.8 Additional information	

## 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 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/Rallus_aquaticus.pdf">http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Rallus_aquaticus.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

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

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

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

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)

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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

a) Pressure

b) Ranking

c) location

Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)

H

both inside and outside EU (inOutEU)

Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06)

M

both inside and outside EU (inOutEU)

Suppression of fire for agriculture (A12)

M

both inside and outside EU (inOutEU)

Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01)

M

both inside and outside EU (inOutEU)

Interspecific relations (competition, predation, parasitism, pathogens) (L06)

M

both inside and outside EU (inOutEU)

Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)

M

both inside and outside EU (inOutEU)

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

Droughts and decreases in precipitation due to climate change (N02) M both inside and outside EU (inOutEU)

a) Threat	d) Ranking	e) location
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	H	both inside and outside EU (inOutEU)
Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06)	M	both inside and outside EU (inOutEU)
Suppression of fire for agriculture (A12)	M	both inside and outside EU (inOutEU)
Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01)	M	both inside and outside EU (inOutEU)
Interspecific relations (competition, predation, parasitism, pathogens) (L06)	M	both inside and outside EU (inOutEU)
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	M	both inside and outside EU (inOutEU)
Droughts and decreases in precipitation due to climate change (N02)	M	both inside and outside EU (inOutEU)

### 7.2 Sources of information

### 7.3 Additional information

## 8. Main Conservation Measures

### 8.1 Status of measures

Measures identified and taken

### 8.2 Main purpose of the measures taken

Restore the habitat of the species

### 8.3 Location of the measures

Both inside and outside Natura 2000

### 8.4 Response to the measures

Medium-term results (within the next two reporting periods, 2019-2030)

### 8.5 List of main conservation measures

CA01 - Prevent conversion of natural and semi-natural habitats, and habitats of species into agricultural land

CA03 - Maintain existing extensive agricultural practices and agricultural landscape features

CJ01 - Reduce impact of mixed source pollution

CL04 - Other measures related to natural processes

CN01 - Adopt climate change mitigation 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	1500
c) Maximum	3000
d) Best single value	

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

9.2 Type of estimate	Best estimate
9.3 Population size inside the network Method used	Based mainly on expert opinion with very limited data
9.4 Short-term trend of population size within the network Direction	Stable (0)
9.5 Short-term trend of population size within the network Method used	Based mainly on expert opinion with very limited data
9.6 Additional information	The SPA coverage of the population was estimated based on the number of 2.5x2.5 km grids where the species was observed compared to the subset of grids where the species was observed and which are also covered at least 50% by SPAs. This ratio was then applied to the national population estimate.

### 10. Information related to Annex II species (Art.7)

10.0 Is/Will the information related to Annex II species (section 10) be provided for the other season for this species?	No																														
10.1 Is the species nationally hunted?	No																														
10.2 Hunting bag	number of individuals (i)																														
a) Unit																															
b) Statistics/ quantity taken	<i>Provide statistics per hunting season or per year ( where season is not used) over the reporting period.</i>																														
	<table border="1"> <thead> <tr> <th>Season/ Year 1</th> <th>Season/ Year 2</th> <th>Season/ Year 3</th> <th>Season/ Year 4</th> <th>Season/ Year 5</th> <th>Season/ Year 6</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>No</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> </tr> </tbody> </table>	Season/ Year 1	Season/ Year 2	Season/ Year 3	Season/ Year 4	Season/ Year 5	Season/ Year 6																			No	No	No	No	No	No
Season/ Year 1	Season/ Year 2	Season/ Year 3	Season/ Year 4	Season/ Year 5	Season/ Year 6																										
No	No	No	No	No	No																										
Min. <i>(raw, i.e. not rounded)</i>																															
Max. <i>(raw, i.e. not rounded)</i>																															
Unknown																															
10.3 Hunting bag Method used																															
10.4 Additional information																															

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

**Guvat** (*Rallus aquaticus*)  
jelölő faj (egyéb)

