

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

## 1. Species information

1.1 Member State	Hungary
1.2 Species code	A119
1.3 EURING code	4080
1.4 Species scientific name	Porzana porzana
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	pettyes vízicsibe
1.8 Season	Breeding (B)

## 2. Population size

2.1 Year or period	2014-2018
2.2 Population size	a) Unit number of calling males (cmales) b) Minimum 650 c) Maximum 1300 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2.5 Sources	KEHOP-4.3.0-15-2016-00001 project results, unpublished.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. 22 calling males of Porzana porzana were estimated for the 530 grids. As the habitat distribution in the 530 grids is considered to be representative of the country, 611 pairs can be calculated for the national population. This figure was used here as the minimum population.

## 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	Fluctuating (F)
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/Porzana_porzana.pdf">http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Porzana_porzana.pdf</a> National park directorates' databases <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>

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

3.2.1 Long-term trend Period	1980-2018
3.2.2 Long-term trend Direction	Fluctuating (F)
3.2.3 Long-term trend Magnitude	a) Minimum b) Maximum 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, 55-56 p. Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. 112-113 p. Ecsedi Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy Természetvédelmi Egyesület, Winter Fair, Balmazújváros - Szeged. 2004. 244-246 p. BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series No.12.), 100 p. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 96. 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	There is better coverage in surveying the species, and this has confirmed former estimates for the population size. There are no population figures from the 1980s. Estimates later reflect a fluctuation probably in strong correlation with rainfall patterns, but the maximum and minimum figures seem to stay within about the same range.

### 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	7782
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	Fluctuating (F)
5.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value

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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/Porzana_porzana.pdf">http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Porzana_porzana.pdf</a> National park directorates' databases <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>
<b>5.2 Long-term trend (since c. 1980)</b>	
5.2.1 Long-term trend Period	1980-2018
5.2.2 Long-term trend Direction	Fluctuating (F)
5.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.2.4 Long-term trend Method used	Based mainly on expert opinion with very limited data
5.2.5 Sources	Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. 112-113 p. National park directorates' databases <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>
5.3 Additional information	There is better coverage in surveying the species, and this has shown a smaller distribution than previously thought – but this is probably due to better knowledge only, not to genuine decline. The distribution probably fluctuates similarly as the population, following rainfall patterns.

## 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

a) Pressure	b) Ranking	c) location
Conversion into agricultural land (excluding drainage and burning) (A01)	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)
Drainage for use as agricultural land (A31)	M	both inside and outside EU (inOutEU)
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	M	both inside and outside EU (inOutEU)
Drainage, land reclamation or conversion of wetlands, marshes, bogs, etc. to industrial/commercial areas (F27)	H	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)
Droughts and decreases in precipitation due to climate change (N02)	M	both inside and outside EU (inOutEU)
a) Threat	d) Ranking	e) location
Conversion into agricultural land (excluding drainage and burning) (A01)	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)
Drainage for use as agricultural land (A31)	M	both inside and outside EU (inOutEU)
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	M	both inside and outside EU (inOutEU)
Drainage, land reclamation or conversion of wetlands, marshes, bogs, etc. to industrial/commercial areas (F27)	H	both inside and outside EU (inOutEU)
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Droughts and decreases in precipitation due to climate change (N02)	M	both inside and outside EU (inOutEU)

#### 7.2 Sources of information

Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó Budapest. 112-113 p.  
Ecsedi Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy

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Természetvédelmi Egyesület, Winter Fair, Balmazújváros - Szeged.  
2004. 244-246 p.  
National park directorates' databases

### 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

CA04 - Reinststate appropriate agricultural practices to address abandonment, including mowing, grazing, burning or equivalent measures

CA15 - Manage drainage and irrigation operations and infrastructures in agriculture

CF01 - Manage conversion of land for construction and development of infrastructure

CF02 - Habitat restoration of areas impacted by residential, commercial, industrial and recreational infrastructure, operations and activities

CF10 - Manage changes in hydrological and coastal systems and regimes for construction and development

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 calling males (cmales)
b) Minimum	350
c) Maximum	900
d) Best single value	

### 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

Fluctuating (F)

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

Based mainly on expert opinion with very limited data

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### 9.6 Additional information

Based on the national park data bases.

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

**Pettyes vízicsibe** (*Porzana porzana*)  
jelölő faj (I. melléklet)

