

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

## 1. Species information

1.1 Member State	Hungary
1.2 Species code	A062
1.3 EURING code	2040
1.4 Species scientific name	Aythya marila
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	hegyi réce
1.8 Season	Winter (W)

## 2. Population size

2.1 Year or period	2015-2018
2.2 Population size	a) Unit number of individuals (i) b) Minimum 40 c) Maximum 100 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	Expert opinions Faragó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetem Kiadó, 304 p. Hungarian Waterfowl Monitoring database <a href="http://www.birding.hu/">http://www.birding.hu/</a>
2.6 Change and reason for change (since previous report)	No change The change is mainly due to:
2.7 Additional information	Hungarian Waterfowl Monitoring database + birding.hu on-line database. I considered only the January data.

## 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	Complete survey or a statistically robust estimate
3.1.5 Sources	Expert opinions Faragó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetemi Kiadó, 304 p. Hungarian Waterfowl Monitoring database <a href="http://www.birding.hu/">http://www.birding.hu/</a>

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

3.2.1 Long-term trend Period	1996-2018
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	Complete survey or a statistically robust estimate
3.2.5 Sources	Expert opinions Faragó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetemi Kiadó, 304 p. Hungarian Waterfowl Monitoring database <a href="http://www.birding.hu/">http://www.birding.hu/</a>
3.3 Additional information	According to the Hungarian Waterfowl Monitoring database and the <a href="http://www.birding.hu/">birding.hu</a> on-line database, the values are strongly fluctuating in short- and long-term trend too.

### 4. Breeding distribution map and size

4.1 Sensitive species	No
4.2 Year or period	
4.3 Breeding distribution map	No
4.4 Breeding distribution surface area	
4.5 Breeding distribution Method used	
4.6 Additional maps	No
4.7 Sources	
4.8 Additional information	

### 5. Breeding range trend

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

5.1.1 Short-term trend Period	
5.1.2 Short-term trend Direction	
5.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.1.4 Short-term trend Method used	
5.1.5 Sources	

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

5.2.1 Long-term trend Period	
5.2.2 Long-term trend Direction	
5.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.2.4 Long-term trend Method used	
5.2.5 Sources	
5.3 Additional information	

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### 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	Management Plan (MP)
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	The species' most important habitats are protected. Habitat restoration. Hunting restrictions in the most important migration stop-overs. Prohibition of the use of lead pellet in the most important habitats. Waterbirds monitoring in the 48 most important water habitats and wetlands.
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)	improving (improving)
6.6 Sources of further Information	...

### 7. Main pressures and threats

a) Pressure	b) Ranking	c) location
Hunting (G07)	M	inside the Member State (inMS)
Physical alteration of water bodies (K05)	M	inside the Member State (inMS)
Droughts and decreases in precipitation due to climate change (N02)	H	inside the Member State (inMS)

a) Threat	d) Ranking	e) location
Hunting (G07)	M	inside the Member State (inMS)
Physical alteration of water bodies (K05)	M	inside the Member State (inMS)
Droughts and decreases in precipitation due to climate change (N02)	H	inside the Member State (inMS)

#### 7.2 Sources of information

#### 7.3 Additional information

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### 8. Main Conservation Measures

8.1 Status of measures	Measures identified and taken
8.2 Main purpose of the measures taken	Maintain the current distribution, population and/or habitat for 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

CG02 - Management of hunting, recreational fishing and recreational or commercial harvesting or collection of plants

CI02 - Management, control or eradication of established invasive alien species of Union concern

CN02 - Implement climate change adaptation measures

#### 8.6 Additional information

### 9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network	a) Unit b) Minimum c) Maximum d) Best single value	number of individuals (i)
9.2 Type of estimate	Best estimate	
9.3 Population size inside the network Method used	Complete survey or a statistically robust estimate	
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 extrapolation from a limited amount of data	
9.6 Additional information		

### 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

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10.2 Hunting bag	a) Unit
	b) Statistics/ quantity taken
	Min. <i>(raw, i.e. not rounded)</i>
	Max. <i>(raw, i.e. not rounded)</i>
	Unknown
10.3 Hunting bagMethod used	
10.4 Additional information	

number of individuals (i)

<i>Provide statistics per hunting season or per year ( where season is not used) over the reporting period.</i>					
<i>Season/ Year 1</i>	<i>Season/ Year 2</i>	<i>Season/ Year 3</i>	<i>Season/ Year 4</i>	<i>Season/ Year 5</i>	<i>Season/ Year 6</i>
No	No	No	No	No	No