

## PART B - BIRD SPECIES' STATUS AND TRENDS REPORT FORMAT

1. SPECIES INFORMATION	
1.1 Member State	HU
1.2 Species code	A062
1.3 EURING code	2040
1.4 Species scientific name	<i>Aythya marila</i>
1.5 Subspecific population	
1.6 Alternative species scientific name (Optional)	
1.7 Common name (Optional)	

2. SEASON	
2.1 Season	Winter
2.2 First time reporting	No
2.3 Additional information	

3. POPULATION SIZE		
3.1 Year or period	2019-2024	
3.2 Population size	a) Unit	number of individuals
	b) Minimum	0
	c) Maximum	15
	d) Best single value	–
3.3 Type of estimate	95% confidence interval	
3.4 Population size Method used	Based mainly on extrapolation from a limited amount of data	
3.5 Sources	Calculation using data of MME/BirdLife Hungary's Bird Atlas database (MAP - map.mme.hu) and Hungarian Waterfowl Monitoring (HWM) database 2019-2023. As not all wintering sites are covered by HWM program, values were corrected upwards by a constant calculated by MAP database.	
3.6 Change and reason for change (since previous report)	Is there a change between reporting periods? yes, due to genuine change	
	The change is mainly due to: genuine change	
3.7 Additional information (Optional)		

<b>4. POPULATION TREND</b>		
4.1 Short-term trend (last 12 years)		
4.1.1 Short-term trend Period	2013-2024	
4.1.2 Short-term trend Direction	decreasing	
4.1.3 Short-term trend Magnitude	a) Minimum	-62
	b) Maximum	0
	c) Best single value	–
4.1.4 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data	
4.1.5 Sources	Calculation using data of MME/BirdLife Hungary's Bird Atlas database (map.mme.hu) and Hungarian Waterfowl Monitoring database 1996-2023. As not all wintering sites are covered by the HWM programme, values were corrected upwards by a constant (2x) calculated by MAP database.	
4.2 Long-term trend (since ca. 1980)		
4.2.1 Long-term trend Period	1996-2024	
4.2.2 Long-term trend Direction	decreasing	
4.2.3 Long-term trend Magnitude	a) Minimum	-73
	b) Maximum	–
	c) Best single value	–
4.2.4 Long-term trend Method used	Based mainly on extrapolation from a limited amount of data	
4.2.5 Sources	Hungarian Waterfowl Monitoring database.	
4.3 Additional information (Optional)	The baseline (1996) was 1-28 specimen, and 1-20 for 2012-2013.	

<b>5. BREEDING DISTRIBUTION MAP AND SIZE</b>	
5.1 Sensitive species	–
5.2 Year or period	–
5.3 Breeding distribution map	–
5.4 Breeding distribution size	–
5.5 Breeding distribution Method used	–
5.6 Additional maps (Optional)	–
5.7 Sources	
5.8 Additional information (Optional)	

## 6. BREEDING DISTRIBUTION TREND

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

6.1.1 Short-term trend Period	–	
6.1.2 Short-term trend Direction	–	
6.1.3 Short-term trend Magnitude	a) Minimum	–
	b) Maximum	–
	c) Best single value	–
6.1.4 Short-term trend Method used	–	
6.1.5 Sources		

### 6.2 Long-term trend (since ca. 1980)

6.2.1 Long-term trend Period	–	
6.2.2 Long-term trend Direction	–	
6.2.3 Long-term trend Magnitude	a) Minimum	–
	b) Maximum	–
	c) Best single value	–
6.2.4 Long-term trend Method used	–	
6.2.5 Sources		

### 6.3 Additional information Optional

## 7. MAIN PRESSURES AND THREATS

### 7.1 Characterisation of pressures

Pressure	Timing	Scope (proportion of population affected)	Influence (on population or habitat of the species)	Location (where the pressure is primarily operating)	Invasive alien species of Union concern	Other invasive alien species
<b>PG11</b>	ongoing and likely to be in the future	whole >90%	Medium influence	inside the Member State		
<b>PJ03</b>	ongoing and likely to be in the future	minority <50%	High influence	inside the Member State		
<b>PL06</b>	in the past but now suspended due to measures	–	–	inside the Member State		

7.2 Methods used (Optional) Based mainly on extrapolation from a limited amount of data

7.3 Sources of information (Optional) Szép et. al (2022): Bird Atlas of Hungary (<https://mme.hu/madaratlasz>)

7.4 Additional information (Optional)

## 8. CONSERVATION MEASURES

8.1 Status of measures	Are measures needed? <b>No</b>
8.2 Scope of measures taken	–
8.3 Main purpose of the measures taken	–
8.4 Location of the measures	–
8.5 Response to the measures (when the measures start to neutralize the pressure(s) and produce positive effects)	–
8.6 List of main conservation measures	–
8.7 Additional information Optional	

## 9. NATURA 2000 (SPECIAL PROTECTION AREAS (SPAs)) COVERAGE

9.1 Population size inside the Natura 2000 (Special Protection Area (SPA)) network (on national level including all sites where the species is present)	a) Unit	–
	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 (Optional)		

## 10. PROGRESS IN WORK RELATED TO INTERNATIONAL SPECIES ACTION PLANS (SAPs), MANAGEMENT PLANS (MPs) AND BRIEF MANAGEMENT STATEMENTS (BMSS)

10.1 Type of international plan	<b>Management plan</b>
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10.2 Has a national plan linked to the international Species Action Plan (SAP) / Management Plan (MP) / Brief Management Statement (BMS) been adopted?	No
10.3 Assessment of the effectiveness of Species Action Plans (SAPs) for globally threatened species	–
10.4 Assessment of the effectiveness of Management Plans (MPs) for huntable species in non-Secure status	unchanged
10.5 Sources of further information	–

## 11. INFORMATION RELATED TO ANNEX II SPECIES OF DIRECTIVE 2009/147/EC

11.1 Is the species nationally hunted?	–						
11.2 Hunting bag	a) Unit	–					
	b) Season (optional)	–					
	c) Statistics / numbers (in individuals )	<i>Provide statistics per hunting season or per year (where season is not used) over the reporting period.</i>					
		Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
	Min. (raw, i.e. not rounded)	–	–	–	–	–	–
	Max. (raw, i.e. not rounded)						
	Unknown	–	–	–	–	–	–
11.3 Hunting bag Method used	–						
11.4 Additional information Optional							