

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

1. Species information

1.1 Member State	Hungary
1.2 Species code	A125
1.3 EURING code	4290
1.4 Species scientific name	Fulica atra
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	szárcsa
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 5000 c) Maximum 6000 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 Farágó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetem Kiadó, 304 p. Hungarian Waterfowl Monitoring database
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 2015-2018: 800-2700. I considered only the January data. Considering that many parts of Danube river where the species wintered are not covered by this program, I corrected the value upwards. I have also compared to common pochard and tufted duck which winter in much bigger quantities, therefore I raised the values independently from the previous results.

3. Population trend

3.1 Short-term trend (last 12 years)

3.1.1 Short-term trend Period	2008-2018
3.1.2 Short-term trend Direction	Decreasing (-)
3.1.3 Short-term trend Magnitude	a) Minimum 0 b) Maximum 50 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 Farágó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetem Kiadó, 304 p.

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Hungarian Waterfowl Monitoring database

3.2 Long-term trend (since c. 1980)

3.2.1 Long-term trend Period	1980-2018
3.2.2 Long-term trend Direction	Decreasing (-)
3.2.3 Long-term trend Magnitude	a) Minimum 18 b) Maximum 76 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. (2006): A vonuló vízivad populációk fenntartásának alapjai Magyarországon. Doktori Értekezés. Mellékletek, 305 p. Faragó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetemi Kiadó, 304 p. Hungarian Waterfowl Monitoring database

3.3 Additional information

Short-term trend is based on Hungarian Waterfowl Monitoring database 2007-2018. I considered only the January data. The baseline was 2007 (1608), to what the current values (800-2700) were compared to.

Long-term trend is decreasing. According to Faragó's study (2016) the baseline was 1996 (3309), to what the current Hungarian Waterfowl Monitoring database values (800-2700) were compared to. I considered only January data. Faragó's study (2017) also determined long-term decline.

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	

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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

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

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)

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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

8. Main Conservation Measures

8.1 Status of measures

Measures identified and taken

8.2 Main purpose of the measures taken

Increase the population size and/or improve population dynamics (improve reproduction success, reduce mortality, improve age/sex structure)

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

CJ02 - Reduce impact of multi-purpose hydrological changes

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 number of individuals (i)
 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

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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?

Yes

10.2 Hunting bag

a) Unit

number of individuals (i)

b) Statistics/
quantity
taken

Provide statistics per hunting season or per year (where season is not used) over the reporting period.

Min.
(raw, i.e. not rounded)

Season/ Year 1	Season/ Year 2	Season/ Year 3	Season/ Year 4	Season/ Year 5	Season/ Year 6
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Max.
(raw, i.e. not rounded)

1323	1897	1223	1181	825	370
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Unknown

1323	1897	1223	1181	825	370
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No	No	No	No	No	No
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10.3 Hunting bag Method used

Complete survey or a statistically robust estimate

10.4 Additional information