

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

1. Species information

1.1 Member State	Hungary
1.2 Species code	A043
1.3 EURING code	1610
1.4 Species scientific name	Anser anser
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	nyári lúd
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 20000 c) Maximum 45000 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 Közlemény No. 29. Soproni Egyetem Kiadó, 304 p. Hungarian Waterfowl Monitoring database National Park Directorates' databases
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: 13000-16000. I considered only the January data. Assuming that a large part of geese do not necessarily occur on good wetlands, I corrected the value upwards.

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	Increasing (+)
3.1.3 Short-term trend Magnitude	a) Minimum 13 b) Maximum 36 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 National Park Directorates' databases

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3.2 Long-term trend (since c. 1980)

3.2.1 Long-term trend Period	1988-2018
3.2.2 Long-term trend Direction	Increasing (+)
3.2.3 Long-term trend Magnitude	a) Minimum 478 b) Maximum 594 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 National Park Directorates' databases

3.3 Additional information

Short-term trend is based on Hungarian Waterfowl Monitoring database 2007-2018. I considered only the January data. Hungarian Waterfowl Monitoring database 2015-2018: 15000-18000. Between 2007 and 2018 there is a continuous and slight increase. The baseline was 2007, when 13224 greylag goose wintered in the country. This value (13224) was the baseline, to what the current Hungarian Waterfowl Monitoring database values (15000-18000) were compared to.

Long-term trend is increasing. According to Faragó's study (2016) the baseline was 1988 (2592), to what the current Hungarian Waterfowl Monitoring database values (15000-18000) were compared to.

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	

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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

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)

()

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)

M

inside the Member State (inMS)

Conversion from other land uses to commercial / industrial areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F03)

M

inside the Member State (inMS)

Hunting (G07)

M

inside the Member State (inMS)

Other human intrusions and disturbance not mentioned above (H08)

M

inside the Member State (inMS)

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Physical alteration of water bodies (K05)	H	inside the Member State (inMS)
Interspecific relations (competition, predation, parasitism, pathogens) (L06)	M	inside the Member State (inMS)
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	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
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	M	inside the Member State (inMS)
Conversion from other land uses to commercial / industrial areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F03)	M	inside the Member State (inMS)
Hunting (G07)	M	inside the Member State (inMS)
Other human intrusions and disturbance not mentioned above (H08)	M	inside the Member State (inMS)
Physical alteration of water bodies (K05)	H	inside the Member State (inMS)
Interspecific relations (competition, predation, parasitism, pathogens) (L06)	M	inside the Member State (inMS)
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	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

☑ 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

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

CA15 - Manage drainage and irrigation operations and infrastructures in agriculture

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

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

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CH03 - Reduce impact of other specific human actions

CJ02 - Reduce impact of multi-purpose hydrological changes

CL04 - Other measures related to natural processes

CN01 - Adopt climate change mitigation measures

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	15000
c) Maximum	30000
d) Best single value	

9.2 Type of estimate

Best estimate

9.3 Population size inside the network Method used

Based mainly on extrapolation from a limited amount of data

9.4 Short-term trend of population size within the network Direction

Increasing (+)

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

About 70% of the population.

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

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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>
1800	1752	1513	2677	3145	2470
1800	1752	1513	2677	3145	2470
No	No	No	No	No	No

Complete survey or a statistically robust estimate