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

1. Species information

1.1 Member State	Hungary
1.2 Species code	A394
1.3 EURING code	1591
1.4 Species scientific name	Anser albifrons albifrons
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	nagy lilik
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	120000
	c) Maximum	200000
	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 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: 75000-180000. I considered only the January data. Assuming that a large part of geese do not necessarily occur on good near 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	Stable (0)
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 Egyetem 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-tern trend Period	1987-2018	
3.2.2 Long-term trend Direction	Increasing (+)	
3.2.3 Long-term trend Magnitude	a) Minimum	168
	b) Maximum	544
	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 pp. 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. It seems the trend is stable. Long-term trend is increasing. According to Faragó's study (2016) the baseline was 1987 (27954), to what the current Hungarian Waterfowl Monitoring database values (75000-180000) were compared to.	

4. Breeding distribution map and size

4.1 Sensitive species	No
4.2 Year or period	
4.3 Breading distribution map	No
4.4 Breading distribution surface area	
4.5 Breading 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

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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 intarnational 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 effectivess of SAPs for globally threatened species (Art. 12, Species Action Plans)	()
6.5 Assessment of the effectivess 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)
Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06)	H	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)	H	inside the Member State (inMS)
Other human intrusions and disturbance not mentioned above (H08)	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
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	M	inside the Member State (inMS)
Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06)	H	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)	H	inside the Member State (inMS)
Other human intrusions and disturbance not mentioned above (H08)	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

CA03 - Maintain existing extensive agricultural practices and agricultural landscape features

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

CH03 - Reduce impact of other specific human actions

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	100000

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	c) Maximum	150000
	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		Stable (0)
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 70-80% 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 forthe 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.*

	Season/ Year 1	*Season/ Year 2*	*Season/ Year 3*	*Season/ Year 4*	*Season/ Year 5*	*Season/ Year 6*
Min. *(raw, i.e. not rounded*	8321	10439	10440	10485	9813	9424
Max. *(raw, i.e. not rounded*	8321	10439	10440	10485	9813	9424
Unknown	No	No	No	No	No	No

10.3 Hunting bagMethod used		Complete survey or a statistically robust estimate
10.4 Additional information		