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

1. Species information

1.1 Member State	Hungary
1.2 Species code	A702
1.3 EURING code	1574
1.4 Species scientific name	Anser fabalis rossicus
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	vetési 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	500
	c) Maximum	3000
	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)	Genuine change The change is mainly due to: Genuine change	
2.7 Additional information	Hungarian Waterfowl Monitoring database 2015-2018: 400-1500. I considered only the January data. According to the national park directorates' databases 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	Decreasing (-)	
3.1.3 Short-term trend Magnitude	a) Minimum	88
	b) Maximum	97
	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	1986-2018
3.2.2 Long-term trend Direction	Decreasing (-)
3.2.3 Long-term trend Magnitude	a) Minimum 97
	b) Maximum 99
	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. Faragó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetem 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: 400-1500. Between 2007 and 2018 the trend is decreasing. The baseline was 2007, when 12800 bean goose wintered in the country. This value (12800) was the baseline, to what the current Hungarian Waterfowl Monitoring database values (400-1500) were compared to. Long-term trend is decreasing. According to Faragó's study (2016) the baseline was 1986 (54829), to what the current Hungarian Waterfowl Monitoring database values (400-1500) 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	

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 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 management/use of other agricultural and agroforestry systems (all except grassland) (A07)	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)

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 management/use of other agricultural and agroforestry systems (all except grassland) (A07)	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)	H	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	Expand the current distribution of 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

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

8.6 Additional information

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9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network	**a) Unit** number of individuals (i)
	b) Minimum 400
	c) Maximum 2400
	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	Decreasing (-)
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	80% of the wintering 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*	2100	1724	1180	1152	1156	812
Max. *(raw, i.e. not rounded*	2100	1724	1180	1152	1156	812
Unknown	No	No	No	No	No	No

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