

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

1. Species information

1.1 Member State	Hungary
1.2 Species code	A773
1.3 EURING code	1210
1.4 Species scientific name	Ardea alba
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	nagy kócsag
1.8 Season	Winter (W)

2. Population size

2.1 Year or period	2013-2018
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	Magyar Vízivad Közlemények (Hungarian Waterfowl Monitoring Database) (http://vadgazdalkodas.emk.uni-sopron.hu/content/index/id/3955)
2.6 Change and reason for change (since previous report)	No change The change is mainly due to:
2.7 Additional information	January counts of the Waterbird Monitoring between 2013-2018: the minimum count was 209, the maximum count was 736. Because coverage is not complete, an expert estimate had to be made. Probably, in harsh winters a large part of birds are at the best – monitored – wetlands, so the minimum estimate is close to the minimum count. In mild winters, the species is much more widespread and so the maximum national estimate can be multifold of the maximum count from monitored sites.

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	Fluctuating (F)
3.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value
3.1.4 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data
3.1.5 Sources	Magyar Vízivad Közlemények (Hungarian Waterfowl Monitoring Database) (http://vadgazdalkodas.emk.uni-sopron.hu/content/index/id/3955)

3.2 Long-term trend (since c. 1980)

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3.2.1 Long-term trend Period	1980-2018
3.2.2 Long-term trend Direction	Increasing (+)
3.2.3 Long-term trend Magnitude	a) Minimum 900 b) Maximum 2900 c) Best single value
3.2.4 Long-term Trend Method used	Based mainly on expert opinion with very limited data
3.2.5 Sources	Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. 441 p.
3.3 Additional information	Very few individuals overwintered in Hungary in the years around 1980. This number is estimated at 50-100. The minimum and maximum values are based on the comparison of these numbers with the present estimate for wintering birds (500-3000), minimum of 1980 estimate compared with minimum of 2018 estimate provided the minimum rate and maximum of 1980 estimate compared with maximum of 2018 estimate provided the maximum rate.

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	

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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)	()
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
Burning for agriculture (A11)	M	inside the Member State (inMS)
Use of plant protection chemicals in agriculture (A21)	M	inside the Member State (inMS)
Modification of hydrological flow or physical alteration of water bodies for agriculture (excluding development and operation of dams) (A33)	M	inside the Member State (inMS)
Illegal shooting/killing (G10)	M	inside the Member State (inMS)
Abstraction of water, flow diversion, dams and other modifications of hydrological conditions for freshwater aquaculture (G20)	H	inside the Member State (inMS)
a) Threat	d) Ranking	e) location
Burning for agriculture (A11)	M	inside the Member State (inMS)
Use of plant protection chemicals in agriculture (A21)	M	inside the Member State (inMS)
Modification of hydrological flow or physical alteration of water bodies for agriculture (excluding development and operation of dams) (A33)	M	inside the Member State (inMS)
Illegal shooting/killing (G10)	M	inside the Member State (inMS)

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Abstraction of water, flow diversion, dams and other modifications of hydrological conditions for freshwater aquaculture (G20)

H inside the Member State (inMS)

7.2 Sources of information

Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 518-521.

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

Restore the habitat of the species

8.3 Location of the measures

Both inside and outside Natura 2000

8.4 Response to the measures

Short-term results (within the current reporting period, 2013-2018)

8.5 List of main conservation measures

CG10 - Manage water abstraction and modifications of hydrological conditions for freshwater aquaculture

CJ03 - Restore habitats impacted by multi-purpose hydrological changes

CS03 - Improvement of habitat of species from the directives

8.6 Additional information

Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 518-521.

9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network

a) Unit	number of individuals (i)
b) Minimum	250
c) Maximum	600
d) Best single value	

9.2 Type of estimate

Best estimate

9.3 Population size inside the network Method used

Based mainly on expert opinion with very limited 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 expert opinion with very limited data

9.6 Additional information

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