

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

1. Species information

1.1 Member State	Hungary
1.2 Species code	A024
1.3 EURING code	1080
1.4 Species scientific name	Ardeola ralloides
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	üstökösgém
1.8 Season	Breeding (B)

2. Population size

2.1 Year or period	2015-2017
2.2 Population size	a) Unit number of pairs (p) b) Minimum 244 c) Maximum 286 d) Best single value
2.3 Type of estimate	Best estimate
2.4 Population size Method used	Complete survey or a statistically robust estimate
2.5 Sources	Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 512-514. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2
2.6 Change and reason for change (since previous report)	Improved knowledge/more accurate data The change is mainly due to: Improved knowledge/more accurate data

2.7 Additional information

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	Complete survey or a statistically robust estimate
3.1.5 Sources	Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 512-514. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2

3.2 Long-term trend (since c. 1980)

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3.2.1 Long-term trend Period	1976-2018
3.2.2 Long-term trend Direction	Fluctuating (F)
3.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value
3.2.4 Long-term Trend Method used	Complete survey or a statistically robust estimate
3.2.5 Sources	http://map.mme.hu/maps/map2 National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest. Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. Magyar G., Hadarics T., Waliczky Z., Schmidt A., Nagy T. & Bankovics A. (1998): Magyarország madarainak névjegyzéke. Madártani Intézet, Budapest, 110 p. BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series No.12.), 223 p. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. 189-190 p.

3.3 Additional information

4. Breeding distribution map and size

4.1 Sensitive species	No
4.2 Year or period	2014-2018
4.3 Breeding distribution map	Yes
4.4 Breeding distribution surface area	4142
4.5 Breeding distribution Method used	Complete survey or a statistically robust estimate
4.6 Additional maps	No
4.7 Sources	Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 509-511. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2

4.8 Additional information

5. Breeding range trend

5.1 Short-term trend (last 12 years)

5.1.1 Short-term trend Period	2000-2018
5.1.2 Short-term trend Direction	Decreasing (-)
5.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value 11
5.1.4 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data

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5.1.5 Sources

Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 509-511.
National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species)
<http://map.mme.hu/maps/map2>

5.2 Long-term trend (since c. 1980)

5.2.1 Long-term trend Period

1976-2018

5.2.2 Long-term trend Direction

Unknown (X)

5.2.3 Long-term trend Magnitude

a) Minimum

b) Maximum

c) Best single value

5.2.4 Long-term trend Method used

Insufficient or no data available

5.2.5 Sources

Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest.
Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. 441 p.
Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 512-514.
National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species)
<http://map.mme.hu/maps/map2>

5.3 Additional information

Haraszthy L. (1998) shows 23 grids (1979-1986), while the present map shows 4142 km². However, the population did not increase (neither in the long-term nor in the short-term), so it is uncertain whether the 1979-1986 map is based on insufficient surveys or the population has really spread out to more sites since. The best single value for the short-term trend is the comparison of the breeding range in the 2013 Article 12 report and in the present report.

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

Burning for agriculture (A11)

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)

Harvesting or collecting of other wild plants and animals (excluding hunting and leisure fishing) (G09)

H

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)

Problematic native species (I04)

H

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

Burning for agriculture (A11)

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)

Harvesting or collecting of other wild plants and animals (excluding hunting and leisure fishing) (G09)

H

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)

Problematic native species (I04)

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

Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 512-514.

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

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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	
CA05 - Adapt mowing, grazing and other equivalent agricultural activities	
CA15 - Manage drainage and irrigation operations and infrastructures in agriculture	
CB05 - Adapt/change forest management and exploitation practices	
CG10 - Manage water abstraction and modifications of hydrological conditions for freshwater aquaculture	
CI05 - Management of problematic native species	
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 Vértess Közalapítvány, Csákvár. p. 512-514.

9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network	a) Unit number of pairs (p)
	b) Minimum 180
	c) Maximum 250
	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	Fluctuating (F)
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	

A madárvédelmi irányelv 12. cikke alapján készített országjelentés 2019.

Üstökögém (*Ardeola ralloides*)
jelölő faj (I. melléklet)

