

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

1. Species information

1.1 Member State	Hungary
1.2 Species code	A230
1.3 EURING code	8400
1.4 Species scientific name	Merops apiaster
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	gyurgyalag
1.8 Season	Breeding (B)

2. Population size

2.1 Year or period	2014-2018
2.2 Population size	a) Unit number of pairs (p) b) Minimum 20000 c) Maximum 30000 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2.5 Sources	KEHOP-4.3.0-15-2016-00001 project results, unpublished. 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 Use of different method The change is mainly due to: Improved knowledge/more accurate data
2.7 Additional information	New method: Under the KEHOP-4.3.0-15-2016-00001 project in 2017-2018, 530 2.5x2.5 km ² grids were surveyed for a given set of breeding bird species, covering 3.6% of the country. 922 breeding pairs of Merops apiaster were estimated for the 530 grids. As the habitat distribution in the 530 grids is considered to be representative of the country, 25611 pairs can be calculated for the national population.

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	Based mainly on expert opinion with very limited data
3.1.5 Sources	http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Merops_apiaster.pdf

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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)

3.2.1 Long-term trend Period	1997-2018
3.2.2 Long-term trend Direction	Unknown (X)
3.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value
3.2.4 Long-term Trend Method used	Insufficient or no data available
3.2.5 Sources	Tucker, G. M. – Heath, M. F. (1994): Birds in Europe – Their Conservation Status. Royal Society for the Protection of Birds, BirdLife International, 338-339 p. Magyar G., Hadarics T., Waliczky Z., Schmidt A., Nagy T. & Bankovics A. (1998): Magyarország madarainak névjegyzéke. Madártani Intézet, Budapest, 91 p. Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. 232-233 p. BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series No.12.), 172 p. Ecsedi Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy Természetvédelmi Egyesület, Winter Fair, Balmazújváros - Szeged. 2004. 386-387 p. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. 90 p. KEHOP-4.3.0-15-2016-00001 project results, unpublished. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2

3.3 Additional information

A nemzeti park igazgatóságok jelentései alapján rövidtávon az országos állomány stabilnak tekinthető.
Hosszútávú trendnél nehéz eldönteni, hogy mit lehet figyelmebe venni. 1999-től a növekedés egyértelműen látszik, bár annak mértékét megállapítani pontosan nem lehet. Ezért ismeretlen a trend.

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	51873
4.5 Breeding distribution Method used	Complete survey or a statistically robust estimate
4.6 Additional maps	No
4.7 Sources	National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2

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4.8 Additional information

5. Breeding range trend

5.1 Short-term trend (last 12 years)

5.1.1 Short-term trend Period	2007-2018
5.1.2 Short-term trend Direction	Stable (0)
5.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.1.4 Short-term trend Method used	Based mainly on expert opinion with very limited data
5.1.5 Sources	http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Merops_apiaster.pdf 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	1980-2018
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	Based mainly on expert opinion with very limited data
5.2.5 Sources	National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2

5.3 Additional information

The distribution has been practically nationwide in the short-term. The long-term trend of the distribution is only based on expert opinion, taking into account the significant growth of the population (tracked by MMM common bird monitoring since 1999).

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	

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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

7.2 Sources of information

7.3 Additional information

8. Main Conservation Measures

8.1 Status of measures

8.2 Main purpose of the measures taken

8.3 Location of the measures

8.4 Response to the measures

8.6 Additional information

9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network

a) Unit

number of pairs (p)

b) Minimum

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- c) Maximum
- d) Best single value

9.2 Type of estimate

9.3 Population size inside the network
Method used

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

9.5 Short-term trend of population size within
the network Method used

9.6 Additional information

A madárvédelmi irányelv 12. cikke alapján készített országjelentés 2019.

Gyurgyalag (*Merops apiaster*)
nem jelölő faj

