

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

1. Species information

1.1 Member State	Hungary
1.2 Species code	A232
1.3 EURING code	8460
1.4 Species scientific name	Upupa epops
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	búbosbanka
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 9200 c) Maximum 11500 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2.5 Sources	KEHOP-4.3.0-15-2016-00001 project results, unpublished. National park directorates' databases http://map.mme.hu/maps/map2 National common bird monitoring scheme (MMM) database.
2.6 Change and reason for change (since previous report)	Genuine change 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. 390 breeding pairs of Upupa epops were estimated for the 530 grids. As the habitat distribution in the 530 grids is considered to be representative of the country, 10833 pairs can be calculated for the national population. This figure was used here as the maximum population. From the national common bird monitoring, the population has been calculated to be 17480-19540 individuals. The mean has been used here as the minimum population (9200 pairs).

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	Increasing (+)
3.1.3 Short-term trend Magnitude	a) Minimum 49

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b) Maximum 69

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/Upupa_epops.pdf

National park directorates' databases

<http://map.mme.hu/maps/map2>

3.2 Long-term trend (since c. 1980)

3.2.1 Long-term trend Period

1980-2018

3.2.2 Long-term trend Direction

Stable (0)

3.2.3 Long-term trend Magnitude

a) Minimum

b) Maximum

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

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. 235-236 p.

BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series No.12.), 173 p.

Ecsedi Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy

Természetvédelmi Egyesület, Winter Fair, Balmazújváros - Szeged. 2004. 389-390 p.

MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke.

Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi

Egyesület, Budapest. p. 154-155.

KEHOP-4.3.0-15-2016-00001 project results, unpublished.

National park directorates' databases

<http://map.mme.hu/maps/map2>

3.3 Additional information

Rövidtávon az állomány erősen növekedett a korábbi jelentésben közölt állományadatokat és az MMM rövidtávú trendet alapul véve.

A Haraszthy könyvekben az szerepel, hogy stabil állományú, az emberi beavatkozásokhoz jól alkalmazkodó faj.

1999-2018 között az MMM alapján az állomány 4.5 %-ot növekedett középérték szerint.

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

55082

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

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<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	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	National park directorates' databases 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	Stable (0)
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 http://map.mme.hu/maps/map2

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 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)	()

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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
- 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

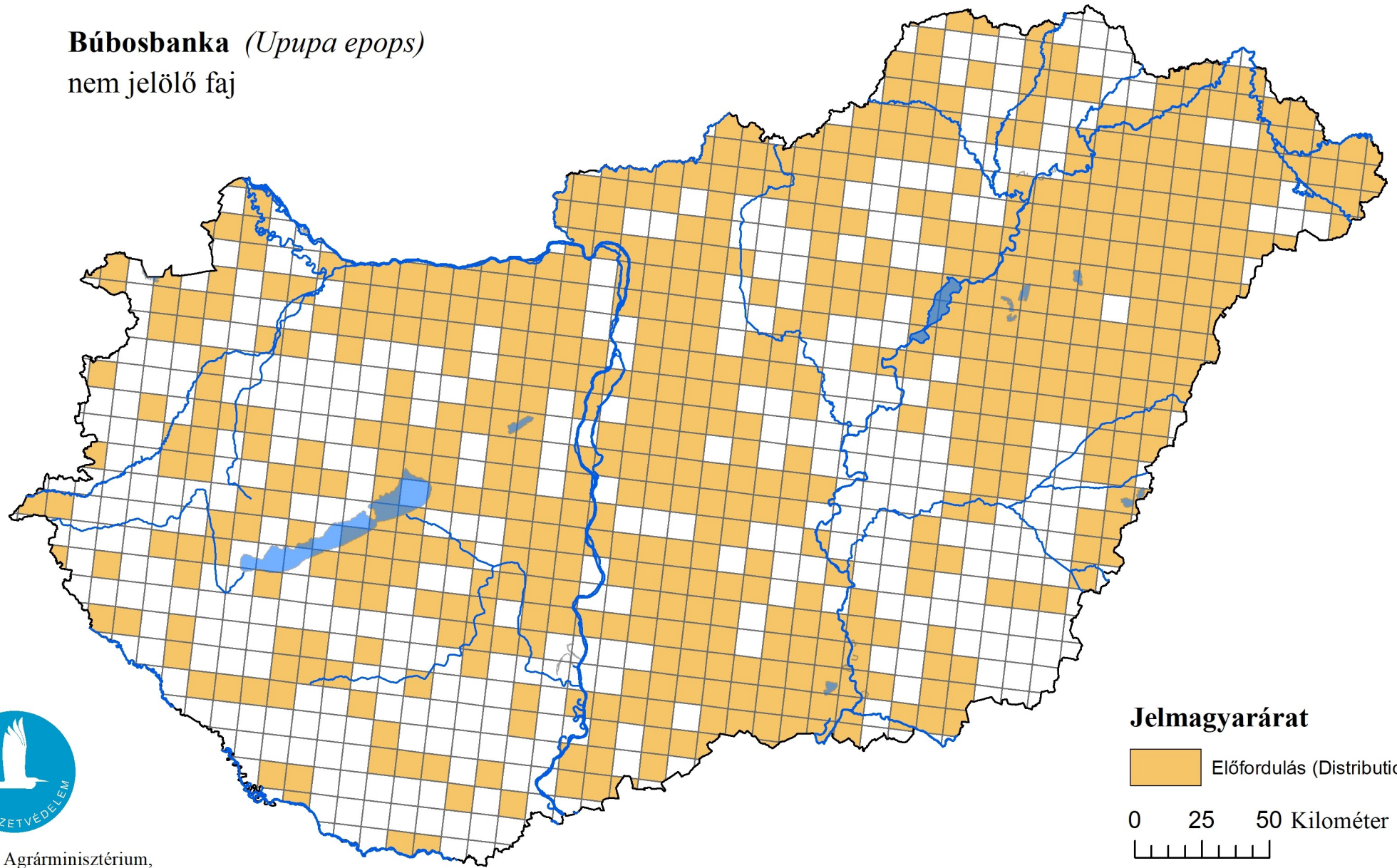
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9.5 Short-term trend of population size within the network Method used

9.6 Additional information

A madárvédelmi irányelv 12. cikke alapján készített országjelentés 2019.

Búbosbanka (*Upupa epops*)
nem jelölő faj



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály