

# Bird species' status and trends reporting format for the period 2008-2012 (Annex 2)

## 1. Species Information

1.1 Member State	Hungary
1.2.2 Natura 2000 code	A688-B
1.3 Species name	Botaurus stellaris stellaris
1.3.1 Sub-specific population	C & E Europe, Black Sea & E Mediterranean (bre)
1.4 Alternative species name	
1.5 Common name	bö lö mbika
1.6 Season	Breeding (B)

## 2. Population size

2.1 Year or period	2000-2012
2.2 Population size	a)unit number of calling/lekking b)minimum 700 c)maximum 1000 males (cmales)
2.3 Type of estimate	The best available single figure or range (Best estimate)
2.4 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)
2.5 Quality	Moderate (2)
2.6 Sources	National Park Directorates' databases. Breeding bird (MME RTM) database. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278.

### 2.8 Additional information

## 3. Population trend

### 3.1 Short-term trend (last 12 years)

3.1.1 Period	1999-2012
3.1.2 Trend direction	Unknown (x)
3.1.3 Magnitude	a)Min b)Max
3.1.4 Method used	Absent data (0)
3.1.5 Quality	Poor (1)
3.1.6 Sources	Szép, T., Nagy, K., Nagy, Zs. & Halmos, G. (2012): Population trends of common breeding and wintering birds in Hungary, decline of long-distance migrant and farmland birds during 1999-2012. Ornis Hungarica 2012. 20(2): 13-63.

### 3.2 Long-term trend (since c. 1980)

3.2.1 Period	1980-2012
3.2.2 Trend direction	Unknown (x)
3.2.3 Magnitude	a)Min b)Max
3.2.4 Method used	Absent data (0)
3.2.5 Quality	Poor (1)
3.2.6 Sources	
3.3 Additional information	

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## 4. Breeding distribution map and range size

4.1 Year or period	2000-2012
4.2 Sensitive species	No
4.3 Distribution map	Yes
4.4 Additional distribution map	No
4.5 Range map	Yes
4.6 Range surface area	32136
4.7 Method used	Complete survey or a statistically robust estimate (3)
4.8 Quality	Good (3)
4.9 Sources	Breeding bird (MME RTM) database.
4.11 Additional information	The distribution and range map made by using breeding probability data.

## 5. Breeding range trend

### 5.1 Short-term trend (last 12 years)

5.1.1 Period	2000-2012
5.1.2 Trend direction	Stable (0)
5.1.3 Magnitude	a)Min                      b)Max
5.1.4 Method used	Estimate based on expert opinion with no or minimal sampling (1)
5.1.5 Quality	Poor (1)
5.1.6 Sources	National Park Directorates' databases.

### 5.2 Long-term trend (since c. 1980)

5.2.1 Period	1980-2012
5.2.2 Trend direction	Unknown (x)
5.2.3 Magnitude	a)Min                      b)Max
5.2.4 Method used	Estimate based on expert opinion with no or minimal sampling (1)
5.2.5 Quality	Poor (1)
5.2.6 Sources	Consultation with national experts.

## 6. Progress in work related to international Species Action Plans (SAPs), Management Plans (MPs) and Brief Management Statements (BMSs)

6.1 Type of plan	Species Action Plans (SAP)
6.2 National plan adopted?	False
6.3 Measures linked to SAP/MP/BMS	Vizes élőhely-rekonstrukciók, legeltetés szürkemaráhával és bivallyal. Vízivad-vadászati korlátozások. Az ólomsörét betiltása vizes élőhelyeken. Nádgazdálkodás szabályozása a legnagyobb természetes tavakon. Szabadvezetékek madárbarát átalakítása.
6.4 Further Information	Végyári Zs. – Ifj. Oláh J. (2004): Bölömbika. In: Ecsedi Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy Természetvédelmi Egyesület, Winter Fair, Balmazújváros – Szeged. 2004.

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## 7. Main pressures and threats

Pressure	impact	quality	location	sources
modification of cultivation practices (A02)	low importance (L)	Poor (1)	Inside the Member State (4)	Szakértői becslés
electricity and phone lines (D02.01)	low importance (L)	Poor (1)	Inside the Member State (4)	Szakértői becslés
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	low importance (L)	Poor (1)	Inside the Member State (4)	Szakértői becslés
invasive non-native species (I01)	medium importance (M)	Poor (1)	Inside the Member State (4)	Szakértői becslés
fire and fire suppression (J01)	low importance (L)	Poor (1)	Inside the Member State (4)	Szakértői becslés
large scale water deviation (J02.03.01)	medium importance (M)	Moderate (2)	Inside the Member State (4)	Szakértői becslés
other natural catastrophes (L10)	low importance (L)	Good (3)	Inside the Member State (4)	Végyvári Zs. – Ifj. Oláh J. (2004): Bölömbika In: Ecsec Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy Természetvédelmi Egyesület, Winter fair, Balmazújváros – Szeged. 2004.
droughts and less precipitations (M01.02)	high importance (H)	Poor (1)	Inside the Member State (4)	Szakértői becslés

## 8. SPA coverage and conservation measures

### 8.1 Population inside the SPA network

8.1.1 Population size	a)unit	number of calling/lekking males (cmales)	b)minimum	537	c)maximum	836
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8.1.2 Method used Estimate based on partial data with some extrapolation and/or modelling (2)

8.1.3 Short-term trend of population Unknown (x)

### 8.2 Conservation Measures

8.2.1 Measure	8.2.2 Type	8.2.3 Ranking	8.2.4 Location	8.2.5 Broad Evaluation
Maintaining grasslands and other open habitats (2.1)	Administrative Recurrent	medium importance (M)	Both	Maintain
Other wetland-related measures (4.0)	Administrative Recurrent	high importance (H)	Both	Maintain

## Bird species' status and trends reporting format for the period 2008-2012 (Annex 2)

Restoring/improving water quality (4.1)	Administrative One-off	high importance (H)	Inside	Enhance
Restoring/improving the hydrological regime (4.2)	Contractual One-off	high importance (H)	Inside	Maintain
Establish protected areas/sites (6.1)	Legal One-off	high importance (H)	Inside	Maintain
Legal protection of habitats and species (6.3)	Legal One-off	medium importance (M)	Both	Maintain
Regulation/ Management of hunting and taking (7.1)	Administrative Recurrent	low importance (L)	Inside	Maintain
Regulation/ Management of fishery in limnic systems (7.2)	Administrative Recurrent	low importance (L)	Inside	Maintain
Specific single species or species group management measures (7.4)	Administrative Recurrent	low importance (L)	Inside	Enhance
Specific management of traffic and energy transport systems (8.2)	Contractual One-off	low importance (L)	Both	Maintain

# Térképmelléklet a madárvédelmi irányelv 12. cikke alapján készített országjelentéshez 2013.

**bölcmbika** (*Botaurus stellaris*)

jelölő faj (I. melléklet)

