

# 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	A634-B
1.3 Species name	Ardea purpurea purpurea
1.3.1 Sub-specific population	East Europe, Black Sea & Mediterranean/Sub-Saharan Africa
1.4 Alternative species name	
1.5 Common name	vörös gém
1.6 Season	Breeding (B)

## 2. Population size

2.1 Year or period	2008-2012
2.2 Population size	a)unit number of pairs (p)      b)minimum 800      c)maximum 1400
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.

### 2.8 Additional information

## 3. Population trend

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

3.1.1 Period	2000-2012
3.1.2 Trend direction	Stable (0)
3.1.3 Magnitude	a)Min                      b)Max
3.1.4 Method used	Estimate based on expert opinion with no or minimal sampling (1)
3.1.5 Quality	Moderate (2)
3.1.6 Sources	National Park Directorates databases Breeding bird (MME RTM) database.

### 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	

## 4. Breeding distribution map and range size

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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	17878
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 <span style="margin-left: 150px;">b)Max</span>
5.1.4 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)
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 <span style="margin-left: 150px;">b)Max</span>
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
5.3 Additional information	

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

6.1 Type of plan	No Plan (NA)
6.2 National plan adopted?	N/A
6.3 Measures linked to SAP/MP/BMS	
6.4 Further Information	

## 7. Main pressures and threats

Pressure	impact	quality	location	sources
modification of cultivation practices (A02)	high importance (H)	Good (3)	Inside the Member State (4)	Bankovics, A. (1998): Vörös gém In Haraszthy, L. (szerk. (1998): Magyarország

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electricity and phone lines (D02.01)	low importance (L)	Poor (1)	Inside the Member State (4)	Szakértői becslés
intensive fish farming, intensification (F01.01)	low importance (L)	Poor (1)	Inside the Member State (4)	Kovács, G. – Ecsedi, Z. (2004): Vörös gémm In: Ecsec Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy Természetvédelmi Egyesület, Winter fair, Balmazújváros – Szeged. 2004.
fire and fire suppression (J01)	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
large scale water deviation (J02.03.01)	high importance (H)	Moderate (2)	Inside the Member State (4)	Szakértői becslés
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 pairs      b)minimum      780      c)maximum      1310  
(p)

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      Increase (+)

### 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
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

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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	medium importance (M)	Inside	Maintain
Regulation/ Management of fishery in limnic systems (7.2)	Administrative Recurrent	medium importance (M)	Inside	Maintain
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.

**vörös gém** (*Ardea purpurea*)

jelölő faj (I. melléklet)

