

# 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	A404
1.3 Species name	Aquila heliaca
1.3.1 Sub-specific population	
1.4 Alternative species name	
1.5 Common name	parlagi sas
1.6 Season	Breeding (B)

## 2. Population size

2.1 Year or period	2010-2012
2.2 Population size	a)unit number of pairs (p)      b)minimum 125      c)maximum 160
2.3 Type of estimate	The best available single figure or range (Best estimate)
2.4 Method used	Complete survey or a statistically robust estimate (3)
2.5 Quality	Good (3)
2.6 Sources	Horváth, M., Bagyura, J., Fatér, I., Firmánszky, G., Juhász, T., Kleszó, A., Szitta, T., Tóth, I. és Váczi, M. (2012): A Parlagisas-védelmi Munkacsoport 2010. évi beszámolója / Annual Report of the Imperial Eagle Working Group - 2010. (In Hungarian with English summary.) Heliaca 8: 12-16. National Park Directorate's databases.

### 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	Increase (+)
3.1.3 Magnitude	a)Min 265      b)Max 270
3.1.4 Method used	Complete survey or a statistically robust estimate (3)
3.1.5 Quality	Good (3)
3.1.6 Sources	Horváth, M., Demeter, I., Fatér, I., Firmánszky, G., Kleszó, A., Kovács, A., Szitta, T., Tóth, I., Zalai, T. and Bagyura, J. (2011): Population Dynamics of the Eastern Imperial Eagle ( <i>Aquila heliaca</i> ) in Hungary between 2001 and 2009. Acta Zoologica Bulgarica, Suppl. 3, 2011: 61-70 Horváth, M., Bagyura, J., Fatér, I., Firmánszky, G., Juhász, T., Kleszó, A., Szitta, T., Tóth, I. és Váczi, M. (2012): A Parlagisas-védelmi Munkacsoport 2010. évi beszámolója / Annual Report of the Imperial Eagle Working Group - 2010. (In Hungarian with English summary.) Heliaca 8: 12-16. National Park Directorate's databases.

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

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3.2.1 Period	1980-2011
3.2.2 Trend direction	Increase (+)
3.2.3 Magnitude	a)Min 695                      b)Max 1000
3.2.4 Method used	Complete survey or a statistically robust estimate (3)
3.2.5 Quality	Good (3)
3.2.6 Sources	Horváth, M., Demeter, I., Fatér, I., Firmánszky, G., Kleszó, A., Kovács, A., Szitta, T., Tóth, I., Zalai, T. and Bagyura, J. (2011): Population Dynamics of the Eastern Imperial Eagle ( <i>Aquila heliaca</i> ) in Hungary between 2001 and 2009. Acta Zoologica Bulgarica, Suppl. 3, 2011: 61-70 Bagyura, J., Szitta, T., Haraszthy, L., Firmánszky, G., Viszló, L., Kovács, A., Demeter, I. and Horváth, M. (2002): Population increase of imperial eagle ( <i>Aquila heliaca</i> ) in Hungary between 1980 and 2000. Aquila 2002 Vol. 107-108: 133-144 National Park Directorate's databases.

## 3.3 Additional information

## 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	12591
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	Increase (+)
5.1.3 Magnitude	a)Min 300                      b)Max 350
5.1.4 Method used	Complete survey or a statistically robust estimate (3)
5.1.5 Quality	Good (3)
5.1.6 Sources	Horváth, M., Demeter, I., Fatér, I., Firmánszky, G., Kleszó, A., Kovács, A., Szitta, T., Tóth, I., Zalai, T. and Bagyura, J. (2011): Population Dynamics of the Eastern Imperial Eagle ( <i>Aquila heliaca</i> ) in Hungary between 2001 and 2009. Acta Zoologica Bulgarica, Suppl. 3, 2011: 61-70

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

5.2.1 Period	1980-2012
5.2.2 Trend direction	Increase (+)
5.2.3 Magnitude	a)Min 500                      b)Max 600
5.2.4 Method used	Complete survey or a statistically robust estimate (3)
5.2.5 Quality	Good (3)

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5.2.6 Sources

Raptor Conservation Group of MME/Birdlife Hungary

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

Species Action Plans (SAP)

6.2 National plan adopted?

False

6.3 Measures linked to SAP/MP/BMS

Fészek körüli korlátozások, éjszakázóhelyek védelme. Etetőhelyek működtetése. Szabadvezetékek madárbarát átalakítása. Országos téli sasszinkron. 2 LIFE Nature projekt a faj védelmére.

6.4 Further Information

<http://parlagisas.hu/>

Magyar Madártani és Természetvédelmi Egyesület (2005): Parlagisas-védelmi kezelési javaslatok. 152 p.

Tóth P. (szerk.) (2014): Terepi madárhatározó gazdálkodóknak.

Horváth M. (2011): A Parlagisas-védelmi Munkacsoport 2011. évi beszámolója. Heliaca, 2011, p. 8-11.

## 7. Main pressures and threats

Pressure	impact	quality	location	sources
modification of cultivation practices (A02)	medium importance (M)	Moderate (2)	Inside the Member State (4)	Szakértői becslés
use of biocides, hormones and chemicals (A07)	medium importance (M)	Good (3)	Inside the Member State (4)	Tucker, G. M. and Heath, M F. (1994): Birds in Europe: Their Conservation Status. Cambridge, U.K.: BirdLife International (BirdLife Conservation Series no. 3).
Forest and Plantation management & use (B02)	medium importance (M)	Good (3)	Inside the Member State (4)	[Haraszthy L. (szerk.)]: Veszélyeztetett madarak fajvédelmi tervei. Magyar Madártani és Természetvédelmi Egyesület, Budapest, 2003.
suspended electricity and phone lines (D02.01.01)	medium importance (M)	Good (3)	Inside the Member State (4)	[Haraszthy L. (szerk.)]: Veszélyeztetett madarak fajvédelmi tervei. Magyar Madártani és Természetvédelmi Egyesület, Budapest, 2003.
Industrial or commercial areas (E02)	low importance (L)	Good (3)	Inside the Member State (4)	Szakértői becslés

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taking from nest (e.g. falcons) (F03.02.02)	low importance (L)	Good (3)	Inside the Member State (4)	[Haraszthy L. (szerk.)]: Veszélyeztetett madarak fajvédelmi tervei. Magyar Madártani és Természetvédelmi Egyesület, Budapest, 2003.
trapping, poisoning, poaching (F03.02.03)	high importance (H)	Good (3)	Inside the Member State (4)	[Haraszthy L. (szerk.)]: Veszélyeztetett madarak fajvédelmi tervei. Magyar Madártani és Természetvédelmi Egyesület, Budapest, 2003.
Other human intrusions and disturbances (G05)	high importance (H)	Good (3)	Inside the Member State (4)	[Haraszthy L. (szerk.)]: Veszélyeztetett madarak fajvédelmi tervei. Magyar Madártani és Természetvédelmi Egyesület, Budapest, 2003.
reduction or loss of specific habitat features (J03.01)	medium importance (M)	Good (3)	Inside the Member State (4)	Tucker, G. M. and Heath, M F. (1994): Birds in Europe: Their Conservation Status. Cambridge, U.K.: BirdLife International (BirdLife Conservation Series no. 3).
storm, cyclone (L07)	low importance (L)	Good (3)	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 (p)	number of pairs	b)minimum	69	c)maximum	92
8.1.2 Method used	Complete survey or a statistically robust estimate (3)					
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)	Contractual Recurrent	medium importance (M)	Inside	Maintain
Adapting crop production (2.2)	Contractual Recurrent	high importance (H)	Inside	Maintain
Adapt forest management (3.2)	Legal Administrative Recurrent	medium importance (M)	Both	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	high importance (H)	Both	Maintain
Manage landscape features (6.4)	Administrative One-off	medium importance (M)	Both	Maintain
Specific single species or species group management measures (7.4)	Administrative Recurrent	high importance (H)	Inside	Enhance
Specific management of traffic and energy transport systems (8.2)	Contractual One-off	high importance (H)	Both	Maintain

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

**parlagi sas** (*Aquila heliaca*)

jelölő faj (I. melléklet)

