

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

## 1. Species information

1.1 Member State	Hungary
1.2 Species code	A193
1.3 EURING code	6150
1.4 Species scientific name	Sterna hirundo
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	küszvágó csér
1.8 Season	Breeding (B)

## 2. Population size

2.1 Year or period	2015-2017
2.2 Population size	a) Unit                      number of pairs (p) b) Minimum                565 c) Maximum                862 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	National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>
2.6 Change and reason for change (since previous report)	Improved knowledge/more accurate data The change is mainly due to: Improved knowledge/more accurate data
2.7 Additional information	

## 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	Fluctuating (F)
3.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value
3.1.4 Short-term trend Method used	Complete survey or a statistically robust estimate
3.1.5 Sources	National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>

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

3.2.1 Long-term trend Period	1980-2018
3.2.2 Long-term trend Direction	Fluctuating (F)

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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	Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest. Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. 441 p. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278. Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 608-611. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>
3.3 Additional information	The population fluctuates rather heavily, but it may have had an overall decreasing trend since 1980. Haraszthy (1998) mentions 840 pairs for 1996, but also the decline of some local populations previously. 2015-2017 (the years of the national censuses) showed a decreasing trend, but this may be part of a fluctuating trend, and is within the range provided by the 2013 Article 12 report. All in all, the data do not allow to come to a definite conclusion as for the rate of decrease, if any.

## 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	5026
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) <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>
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	Complete survey or a statistically robust estimate
5.1.5 Sources	National park directorates' databases (Annual survey of colonially breeding

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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	Insufficient or no data available
5.2.5 Sources	Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest. Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. 441 p. Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 608-611. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) <a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a>

### 5.3 Additional information

Haraszthy (1998) shows 28 grids, but the coverage of that survey was probably not as comprehensive as that of more recent surveys. Haraszthy (2014) shows 73 grids and the <http://map.mme.hu/maps/map2> database (with the national park directorates' databases) shows 54 grids (2014-2018) with certain breeding of the species and 23 additional grids with likely breeding of the species. The old mapping data are not considered sufficiently comprehensive to give the basis of the long-term trend.

## 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

a) Pressure	b) Ranking	c) location
Extraction of minerals (e.g. rock, metal ores, gravel, sand, shell) (C01)	H	inside the Member State (inMS)
Extraction activities generating point source pollution to surface or ground waters (C10)	M	inside the Member State (inMS)
Shipping lanes, ferry lanes and anchorage infrastructure (e.g. canalisation, dredging) (E03)	M	inside the Member State (inMS)
Abstraction of water, flow diversion, dams and other modifications of hydrological conditions for freshwater aquaculture (G20)	H	inside the Member State (inMS)
Other invasive alien species (other than species of Union concern) (I02)	H	inside the Member State (inMS)
Problematic native species (I04)	H	inside the Member State (inMS)
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	M	inside the Member State (inMS)
Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)	M	inside the Member State (inMS)
Flooding (natural processes) (M08)	M	inside the Member State (inMS)
a) Threat	d) Ranking	e) location
Extraction of minerals (e.g. rock, metal ores, gravel, sand, shell) (C01)	H	inside the Member State (inMS)
Extraction activities generating point source pollution to surface or ground waters (C10)	M	inside the Member State (inMS)
Shipping lanes, ferry lanes and anchorage infrastructure (e.g. canalisation, dredging) (E03)	M	inside the Member State (inMS)
Abstraction of water, flow diversion, dams and other modifications of hydrological conditions for freshwater aquaculture (G20)	H	inside the Member State (inMS)
Other invasive alien species (other than species of Union concern) (I02)	H	inside the Member State (inMS)
Problematic native species (I04)	H	inside the Member State (inMS)
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	M	inside the Member State (inMS)
Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)	M	inside the Member State (inMS)
Flooding (natural processes) (M08)	M	inside the Member State (inMS)

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### 7.2 Sources of information

Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 608-611.

### 7.3 Additional information

## 8. Main Conservation Measures

### 8.1 Status of measures

Measures identified and taken

### 8.2 Main purpose of the measures taken

Increase the population size and/or improve population dynamics (improve reproduction success, reduce mortality, improve age/sex structure)

### 8.3 Location of the measures

Both inside and outside Natura 2000

### 8.4 Response to the measures

Long-term results (after 2030)

### 8.5 List of main conservation measures

CC01 - Adapt/manage extraction of non-energy resources

CC08 - Manage/reduce/eliminate point pollution to surface or ground waters from resource exploitation and energy production

CF05 - Reduce/eliminate diffuse pollution to surface or ground waters from industrial, commercial, residential and recreational areas and activities

CJ01 - Reduce impact of mixed source pollution

CS03 - Improvement of habitat of species from the directives

### 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 275

c) Maximum 500

d) Best single value

### 9.2 Type of estimate

Best estimate

### 9.3 Population size inside the network Method used

Based mainly on extrapolation from a limited amount of data

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

Fluctuating (F)

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

Complete survey or a statistically robust estimate

### 9.6 Additional information

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# A madárvédelmi irányelv 12. cikke alapján készített országjelentés 2019.

**Küszvágó csér** (*Sterna hirundo*)  
jelölő faj (I. melléklet)

