

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

1. Species information

1.1 Member State	Hungary
1.2 Species code	A122
1.3 EURING code	4210
1.4 Species scientific name	Crex crex
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	haris
1.8 Season	Breeding (B)

2. Population size

2.1 Year or period	2014-2018
2.2 Population size	a) Unit number of calling males (cmales) b) Minimum 525 c) Maximum 1532 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2.5 Sources	KEHOP-4.3.0-15-2016-00001 project results, unpublished.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 (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2
2.6 Change and reason for change (since previous report)	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. 38 calling males of <i>Crex crex</i> were estimated for the 530 grids. As the habitat distribution in the 530 grids is considered to be representative of the country, 1056 pairs can be calculated for the national population.

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	http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Crex_crex.pdf

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Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 577-580.
National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species)
<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	Fluctuating (F)
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	Tucker, G. M. – Heath, M. F. (1994): Birds in Europe – Their Conservation Status. Royal Society for the Protection of Birds, BirdLife International, 228-229 p. Magyar G., Hadarics T., Waliczky Z., Schmidt A., Nagy T. & Bankovics A. (1998): Magyarország madarainak névjegyzéke. Madártani Intézet, Budapest, 56 p. Haraszthy László (szerk.) (1998, 2000)- Magyarország madarai. 114-115 p. BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series No.12.), 102 p. Ecsedi Z. (szerk.) (2004): A Hortobágy madárvilága. Hortobágy Természetvédelmi Egyesület, Winter Fair, Balmazújváros - Szeged. 2004. 249-250 p. MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. 97 p. KEHOP-4.3.0-15-2016-00001 project results, unpublished. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2

3.3 Additional information

The long-term trend is based on Tucker, G. M. – Heath, M. F. (1994) and on expert judgment for the preceding period.

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	18029
4.5 Breeding distribution Method used	Complete survey or a statistically robust estimate
4.6 Additional maps	No
4.7 Sources	Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 577-580. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2

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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	Fluctuating (F)
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 extrapolation from a limited amount of data
5.1.5 Sources	http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Crex_crex.pdf Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértességi Közalapítvány, Csákvár. p. 577-580. National park directorates' databases (Annual survey of colonially breeding 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	Fluctuating (F)
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	Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest. 72 p. Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértességi Közalapítvány, Csákvár. p. 577-580. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) 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	Species Action Plan (SAP)
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	The conservation measures implemented in Hungary are the following based on the codes of the SAP From Table 6.1: 1.1, 1.2, 1.3, 1.4, 1.5 partly, .3,3.1.7,3.2.1,3.2.2, 3.2.5, 3.2.7.

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6.4 Assessment of the effectiveness of SAPs for globally threatened species (Art. 12, Species Action Plans)

unchanged (unchanged)

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

Tóth P. (szerk.) (2014): Terepi madárhatározó gazdálkodóknak. 52-53 p.

7. Main pressures and threats

a) Pressure	b) Ranking	c) location
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	H	both inside and outside EU (inOutEU)
Mowing or cutting of grasslands (A08)	H	both inside and outside EU (inOutEU)
Intensive grazing or overgrazing by livestock (A09)	M	both inside and outside EU (inOutEU)
Burning for agriculture (A11)	H	both inside and outside EU (inOutEU)
Harvesting of crops and cutting of croplands (A17)	H	both inside and outside EU (inOutEU)
Other invasive alien species (other than species of Union concern) (I02)	M	both inside and outside EU (inOutEU)
Droughts and decreases in precipitation due to climate change (N02)	H	both inside and outside EU (inOutEU)
Increases or changes in precipitation due to climate change (N03)	M	both inside and outside EU (inOutEU)
a) Threat	d) Ranking	e) location
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	H	both inside and outside EU (inOutEU)
Mowing or cutting of grasslands (A08)	H	both inside and outside EU (inOutEU)
Intensive grazing or overgrazing by livestock (A09)	M	both inside and outside EU (inOutEU)
Burning for agriculture (A11)	H	both inside and outside EU (inOutEU)
Harvesting of crops and cutting of croplands (A17)	H	both inside and outside EU (inOutEU)
Other invasive alien species (other than species of Union concern) (I02)	M	both inside and outside EU (inOutEU)
Droughts and decreases in precipitation due to climate change (N02)	H	both inside and outside EU (inOutEU)
Increases or changes in precipitation due to climate change (N03)	M	both inside and outside EU (inOutEU)

7.2 Sources of information

Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 577-580.

7.3 Additional information

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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	Medium-term results (within the next two reporting periods, 2019-2030)

8.5 List of main conservation measures

CA01 - Prevent conversion of natural and semi-natural habitats, and habitats of species into agricultural land

CA05 - Adapt mowing, grazing and other equivalent agricultural activities

CA06 - Stop mowing, grazing and other equivalent agricultural activities

CA16 - Other measures related to agricultural practices

CI03 - Management, control or eradication of other invasive alien species

CN01 - Adopt climate change mitigation measures

8.6 Additional information

9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network	a) Unit	number of calling males (cmales)
	b) Minimum	400
	c) Maximum	600
	d) Best single value	
9.2 Type of estimate	Best estimate	
9.3 Population size inside the network Method used	Complete survey or a statistically robust estimate	
9.4 Short-term trend of population size within the network Direction	Stable (0)	
9.5 Short-term trend of population size within the network Method used	Based mainly on expert opinion with very limited data	
9.6 Additional information		

A madárvédelmi irányelv 12. cikke alapján készített országjelentés 2019.

Haris (*Crex crex*)
jelölő faj (I. melléklet)

