

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

1. Species information

| | |
|---|---------------------|
| 1.1 Member State | Hungary |
| 1.2 Species code | A135 |
| 1.3 EURING code | 4650 |
| 1.4 Species scientific name | Glareola pratincola |
| 1.5 Subspecific population | |
| 1.6 Alternative species scientific name | |
| 1.7 Common name | székicsér |
| 1.8 Season | Breeding (B) |

2. Population size

| | |
|--|---|
| 2.1 Year or period | 2013-2018 |
| 2.2 Population size | a) Unit number of pairs (p) b) Minimum 30 c) Maximum 52 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 | Kiss, Á., Molnár, A., Monoki, Á. et al. (2019): Nature conservation status of Collared Pratincoles (<i>Glareola pratincola</i>) breeding in agricultural habitats in Hungary and recommendations for their conservation especially in the Nagy-kunság area. <i>Aquila</i> (2018), Vol. 125, p. 49-72. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) |
| 2.6 Change and reason for change (since previous report) | Genuine change Improved knowledge/more accurate data The change is mainly due to: Genuine change |

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 | Kiss, Á., Molnár, A., Monoki, Á. et al. (2019): Nature conservation status of Collared Pratincoles (<i>Glareola pratincola</i>) breeding in agricultural habitats in Hungary and recommendations for their conservation especially in the Nagy-kunság area. <i>Aquila</i> (2018), Vol. 125, p. 49-72. National park directorates' databases (Annual survey of colonially breeding |

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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 | 1981-2018 |
| 3.2.2 Long-term trend Direction | Decreasing (-) |
| 3.2.3 Long-term trend Magnitude | a) Minimum 12 b) Maximum 15 c) Best single value |
| 3.2.4 Long-term Trend Method used | Complete survey or a statistically robust estimate |
| 3.2.5 Sources | Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest. 247 p. Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 597-600. Kiss, Á., Molnár, A., Monoki, Á. et al. (2019): Nature conservation status of Collared Pratincoles (<i>Glareola pratincola</i>) breeding in agricultural habitats in Hungary and recommendations for their conservation especially in the Nagykunság area. <i>Aquila</i> (2018), Vol. 125, p. 49-72. 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 population was 70-85 pairs in 1980-1982 according to Haraszthy (1984). Kiss, Á., Molnár, A., Monoki, Á. et al. (2019) published the population figures for each year between 1981-2018. The average of the first three years (1981: 75-83, 1982: 71-86, 1983: 42-44) was compared with the average of the last three years (2016: 42-43, 2017: 46-52, 2018: 44-47) to get the long-term trend. The overall trend between 1981-2018 is decreasing, but since the drop down to 42-44 pairs in 1983, the population trend can rather be called fluctuating, with extreme years such as 1994 with 79-82 pairs and 1998 with 15-17 pairs.

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 | 700 |
| 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 Vértes Közalapítvány, Csákvár. p. 597-600. Kiss, Á., Molnár, A., Monoki, Á. et al. (2019): Nature conservation status of Collared Pratincoles (<i>Glareola pratincola</i>) breeding in agricultural habitats in Hungary and recommendations for their conservation especially in the Nagykunság area. <i>Aquila</i> (2018), Vol. 125, p. 49-72. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) |

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<http://map.mme.hu/maps/map2>

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 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 | Decreasing (-) |
| 5.2.3 Long-term trend Magnitude | a) Minimum 20 b) Maximum 40 c) Best single value 40 |
| 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. 247 p. Haraszthy, L. (szerk.) (1998): Magyarország madarai. Mezőgazda Kiadó, Budapest. 441 p. Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértes Közalapítvány, Csákvár. p. 597-600. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2 |

5.3 Additional information

The distribution did not change significantly (apart from some fluctuations) in the short-term trend, so the same estimate based on expert opinion was used for the long-term trend as in the 2013 report.

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 |

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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)

()

6.6 Sources of further Information

7. Main pressures and threats

| a) Pressure | b) Ranking | c) location |
|---|------------|--------------------------------|
| Extensive grazing or undergrazing by livestock (A10) | M | inside the Member State (inMS) |
| Irrigation of agricultural land (A18) | M | inside the Member State (inMS) |
| Use of plant protection chemicals in agriculture (A21) | H | inside the Member State (inMS) |
| Tillage practices (e.g. ploughing) in agriculture (A15) | H | inside the Member State (inMS) |
| Problematic native species (I04) | H | inside the Member State (inMS) |
| Flooding (natural processes) (M08) | H | inside the Member State (inMS) |
| Droughts and decreases in precipitation due to climate change (N02) | M | inside the Member State (inMS) |

| a) Threat | d) Ranking | e) location |
|---|------------|--------------------------------|
| Extensive grazing or undergrazing by livestock (A10) | M | inside the Member State (inMS) |
| Irrigation of agricultural land (A18) | H | inside the Member State (inMS) |
| Use of plant protection chemicals in agriculture (A21) | H | inside the Member State (inMS) |
| Tillage practices (e.g. ploughing) in agriculture (A15) | H | inside the Member State (inMS) |
| Problematic native species (I04) | H | inside the Member State (inMS) |
| Flooding (natural processes) (M08) | H | inside the Member State (inMS) |
| Droughts and decreases in precipitation due to climate change (N02) | M | inside the Member State (inMS) |

7.2 Sources of information

Sallai R. B. (szerk.): Veszélyeztetett Natura 2000- es fajok egyesületi fajvédelmi tervei. Nimfea Természetvédelmi Egyesület, 2013, p. 133-152.

Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 597-600.

Kiss, Á., Molnár, A., Monoki, Á. et al. (2019): Nature conservation status of Collared Pratincoles (*Glareola pratincola*) breeding in agricultural habitats in Hungary and recommendations for their

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conservation especially in the Nagykunság area. Aquila (2018), Vol. 125, p. 49-72.

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

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

8.5 List of main conservation measures

CA05 - Adapt mowing, grazing and other equivalent agricultural activities

CA08 - Adapt soil management practices in agriculture

CA09 - Manage the use of natural fertilisers and chemicals in agricultural (plant and animal) production

CA15 - Manage drainage and irrigation operations and infrastructures in agriculture

CI05 - Management of problematic native species

CJ03 - Restore habitats impacted by multi-purpose hydrological changes

8.6 Additional information

Haraszthy L. (szerk.) (2014): Natura 2000 fajok és élőhelyek Magyarországon. Pro Vértés Közalapítvány, Csákvár. p. 597-600.
Kiss, Á., Molnár, A., Monoki, Á. et al. (2019): Nature conservation status of Collared Pratincoles (*Glareola pratincola*) breeding in agricultural habitats in Hungary and recommendations for their conservation especially in the Nagykunság area. Aquila (2018), Vol. 125, p. 49-72.

9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network

| | |
|----------------------|---------------------|
| a) Unit | number of pairs (p) |
| b) Minimum | 4 |
| c) Maximum | 10 |
| 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

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.

Székicsér (*Glareola pratincola*)
jelölő faj (I. melléklet)

