

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

1. Species information

| | |
|---|-------------|
| 1.1 Member State | Hungary |
| 1.2 Species code | A052 |
| 1.3 EURING code | 1840 |
| 1.4 Species scientific name | Anas crecca |
| 1.5 Subspecific population | |
| 1.6 Alternative species scientific name | |
| 1.7 Common name | csörgő réce |
| 1.8 Season | Passage (P) |

2. Population size

| | |
|--|--|
| 2.1 Year or period | 2015-2018 |
| 2.2 Population size | a) Unit number of individuals (i) b) Minimum 15400 c) Maximum 25200 d) Best single value |
| 2.3 Type of estimate | Best estimate |
| 2.4 Population size Method used | Based mainly on extrapolation from a limited amount of data |
| 2.5 Sources | Expert opinion Faragó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetem Kiadó, 304 p. Hungarian Waterfowl Monitoring database National Park Directorates' databases |
| 2.6 Change and reason for change (since previous report) | No change The change is mainly due to: |
| 2.7 Additional information | Hungarian Waterfowl Monitoring database 2015-2018: 11000-18000. I considered only months during migration (typically october-november). Considering that many wetland areas are not covered by this program, I corrected the value upwards by 40%. |

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 | Stable (0) |
| 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 | Expert opinions Faragó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetem Kiadó, 304 p. Hungarian Waterfowl Monitoring database |

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National Park Directorates' databases

3.2 Long-term trend (since c. 1980)

3.2.1 Long-term trend Period

1996-2018

3.2.2 Long-term trend Direction

Decreasing (-)

3.2.3 Long-term trend Magnitude

a) Minimum 27

b) Maximum 55

c) Best single value

3.2.4 Long-term Trend Method used

Complete survey or a statistically robust estimate

3.2.5 Sources

Expert opinions

Faragó S. (2006): A vonuló vízivad populációk fenntartásának alapjai Magyarországon. Doktori Értekezés. Mellékletek, 305 p

Faragó S. (2017): Magyar Vízivad Közlemények No. 29. Soproni Egyetem Kiadó, 304 p.

Hungarian Waterfowl Monitoring database

National Park Directorates' databases

3.3 Additional information

In the short-term trend, I checked the Hungarian Waterfowl Monitoring database values between 2007 and 2018. I considered only months during migration (typically october-november). It seems that there is no significant change therefor the short-term trend is stable. This is supported by the fact that although the national park directorates' databases show fluctuating values, most of them have indicated stable or fluctuating short-term trend. Long-term trend is decreasing. According to Faragó's study (2016) the baseline was 1996 (24681), to what the current Hungarian Waterfowl Monitoring database values (11000-18000) were compared to. I considered only spring and autumn months.

4. Breeding distribution map and size

4.1 Sensitive species

No

4.2 Year or period

4.3 Breeding distribution map

No

4.4 Breeding distribution surface area

4.5 Breeding distribution Method used

4.6 Additional maps

No

4.7 Sources

4.8 Additional information

5. Breeding range trend

5.1 Short-term trend (last 12 years)

5.1.1 Short-term trend Period

5.1.2 Short-term trend Direction

5.1.3 Short-term trend Magnitude

a) Minimum

b) Maximum

c) Best single value

5.1.4 Short-term trend Method used

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5.1.5 Sources

5.2 Long-term trend (since c. 1980)

5.2.1 Long-term trend Period

5.2.2 Long-term trend Direction

5.2.3 Long-term trend Magnitude

- a) Minimum
- b) Maximum
- c) Best single value

5.2.4 Long-term trend Method used

5.2.5 Sources

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

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)

()

6.6 Sources of further Information

7. Main pressures and threats

a) Pressure

b) Ranking

c) location

Drainage for use as agricultural land (A31)

M

inside the Member State (inMS)

Hunting (G07)

H

inside the Member State (inMS)

Interspecific relations (competition, predation, parasitism, pathogens) (L06)

M

inside the Member State (inMS)

Droughts and decreases in precipitation due to climate change (N02)

H

inside the Member State (inMS)

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| a) Threat | d) Ranking | e) location |
|---|------------|--------------------------------|
| Drainage for use as agricultural land (A31) | M | inside the Member State (inMS) |
| Hunting (G07) | H | inside the Member State (inMS) |
| Interspecific relations (competition, predation, parasitism, pathogens) (L06) | M | inside the Member State (inMS) |
| Droughts and decreases in precipitation due to climate change (N02) | H | inside the Member State (inMS) |

7.2 Sources of information

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

Maintain the current distribution, population and/or habitat for the species

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

CA15 - Manage drainage and irrigation operations and infrastructures in agriculture

CG02 - Management of hunting, recreational fishing and recreational or commercial harvesting or collection of plants

CG04 - Control/eradication of illegal killing, fishing and harvesting

CL04 - Other measures related to natural processes

CN01 - Adopt climate change mitigation measures

CN02 - Implement climate change adaptation measures

8.6 Additional information

9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network

| | |
|----------------------|---------------------------|
| a) Unit | number of individuals (i) |
| b) Minimum | 12320 |
| c) Maximum | 20160 |
| 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

Stable (0)

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

Based mainly on extrapolation from a limited amount of data

9.6 Additional information

80% of the passage population.

10. Information related to Annex II species (Art.7)

10.0 Is/Will the information related to Annex II species (section 10) be provided for the other season for this species?

No

10.1 Is the species nationally hunted?

No

10.2 Hunting bag

a) Unit

number of individuals (i)

b) Statistics/
quantity
taken

Provide statistics per hunting season or per year (where season is not used) over the reporting period.

Min.
(raw, i.e. not rounded)

Max.
(raw, i.e. not rounded)

Unknown

| Season/ Year 1 | Season/ Year 2 | Season/ Year 3 | Season/ Year 4 | Season/ Year 5 | Season/ Year 6 |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | |
| | | | | | |
| No | No | No | No | No | No |

10.3 Hunting bag Method used

10.4 Additional information