

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

## 1. Species information

|   |                 |
|---|-----------------|
| 1.1 Member State                        | Hungary         |
| 1.2 Species code                        | A061            |
| 1.3 EURING code                         | 2030            |
| 1.4 Species scientific name             | Aythya fuligula |
| 1.5 Subspecific population              |                 |
| 1.6 Alternative species scientific name |                 |
| 1.7 Common name                         | kontyos réce    |
| 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)<br>b) Minimum 0<br>c) Maximum 50<br>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  | National Park Directorates' databases<br>"A közösségi jelentőségű természeti értékek hosszú távú megőrzését és fejlesztését, valamint az EU Biológiai Sokféleség Stratégia 2020 célkitűzéseinek hazai szintű megvalósítását megalapozó stratégiai vizsgálatok" programme<br><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) | Genuine change<br>Use of different method<br><br>The change is mainly due to: Genuine change   |
| 2.7 Additional information                               | National Park Directorates' databases + data collected under the "A közösségi jelentőségű természeti értékek hosszú távú megőrzését és fejlesztését, valamint az EU Biológiai Sokféleség Stratégia 2020 célkitűzéseinek hazai szintű megvalósítását megalapozó stratégiai vizsgálatok" programme + data collected under the "Madáratlasz Térképezés" programme.<br>In the frame of the "A közösségi jelentőségű természeti értékek hosszú távú megőrzését és fejlesztését, valamint az EU Biológiai Sokféleség Stratégia 2020 célkitűzéseinek hazai szintű megvalósítását megalapozó stratégiai vizsgálatok" programme a new monitoring program was started in 2017. Several sample areas were selected where the tufted duck could be breed. Experienced observers surveyed these areas and tried to prove that this species breed in these areas. This and the "Madáratlasz Térképezés" programmes and the national park directorates databases are the most important survey program of this species. |

## 3. Population trend

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### 3.1 Short-term trend (last 12 years)

|                                    |  |
|------------------------------------|--|
| 3.1.1 Short-term trend Period      | 2007-2018  |
| 3.1.2 Short-term trend Direction   | Decreasing (-)   |
| 3.1.3 Short-term trend Magnitude   | a) Minimum 29<br>b) Maximum 33<br>c) Best single value   |
| 3.1.4 Short-term trend Method used | Based mainly on extrapolation from a limited amount of data  |
| 3.1.5 Sources                      | Barabás, L. (2013): Breeding distribution of Hungarian Duck species. Hungarian Waterfowl Publications 23: 79-120.<br>Expert opinions<br>MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. P. 278<br>National Park Directorates' databases<br><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   | Increasing (+)   |
| 3.2.3 Long-term trend Magnitude   | a) Minimum 0<br>b) Maximum 100<br>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                     | Barabás, L. (2013): Breeding distribution of Hungarian Duck species. Hungarian Waterfowl Publications 23: 79-120.<br>Expert opinions<br>MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. P. 278<br>National Park Directorates' databases<br><a href="http://map.mme.hu/maps/map2">http://map.mme.hu/maps/map2</a> |

|                            |   |
|----------------------------|---|
| 3.3 Additional information | Short-term trend is decreasing. According to MME Nomenclator Bizottság (2008) the baseline was 2008 (30-70), to what the current values (20-50) were compared to.<br>Long-term trend is decreasing. According to Barabás (2013) and MME Nomenclator Bizottság (2008) the baseline was 1980 (15-25), to what the current values (0-50) were compared to. |
|----------------------------|---|

## 4. Breeding distribution map and size

|  |  |
|--|--|
| 4.1 Sensitive species                  | No   |
| 4.2 Year or period                     | 2013-2018  |
| 4.3 Breeding distribution map          | Yes  |
| 4.4 Breeding distribution surface area | 2400   |
| 4.5 Breeding distribution Method used  | Complete survey or a statistically robust estimate |
| 4.6 Additional maps                    | No   |

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### 4.7 Sources

National Park Directorates' databases  
<http://map.mme.hu/maps/map2>  
[http://www.termeszetvedelem.hu/\\_user/browser/File/Natura2000/BD\\_12\\_jelentes\\_2013\\_anyagai/Aythya\\_fuligula.pdf](http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Aythya_fuligula.pdf)

### 4.8 Additional information

## 5. Breeding range trend

### 5.1 Short-term trend (last 12 years)

#### 5.1.1 Short-term trend Period

2013-2018

#### 5.1.2 Short-term trend Direction

Decreasing (-)

#### 5.1.3 Short-term trend Magnitude

a) Minimum 60  
b) Maximum 100  
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

Barabás, L. (2013): Breeding distribution of Hungarian Duck species. Hungarian Waterfowl Publications 23: 79-120.  
Expert opinions  
MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. P. 278  
National Park Directorates' databases  
<http://map.mme.hu/maps/map2>  
[http://www.termeszetvedelem.hu/\\_user/browser/File/Natura2000/BD\\_12\\_jelentes\\_2013\\_anyagai/Aythya\\_fuligula.pdf](http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Aythya_fuligula.pdf)

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

#### 5.2.1 Long-term trend Period

1980-2018

#### 5.2.2 Long-term trend Direction

Increasing (+)

#### 5.2.3 Long-term trend Magnitude

a) Minimum 10  
b) Maximum 30  
c) Best single value 30

#### 5.2.4 Long-term trend Method used

Based mainly on expert opinion with very limited data

#### 5.2.5 Sources

Barabás, L. (2013): Breeding distribution of Hungarian Duck species. Hungarian Waterfowl Publications 23: 79-120.  
Expert opinions  
MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. P. 278  
National Park Directorates' databases  
<http://map.mme.hu/>  
[http://www.termeszetvedelem.hu/\\_user/browser/File/Natura2000/BD\\_12\\_jelentes\\_2013\\_anyagai/Aythya\\_fuligula.pdf](http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Aythya_fuligula.pdf)

### 5.3 Additional information

## 6. Progress in work related to international Species Action Plans (SAPs), Management Plans (MPs) and Brief Management Statements (BMSs)

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|  |              |
|--|--------------|
| 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                    |
|---|------------|--------------------------------|
| Freshwater fish and shellfish harvesting (professional) (G05)       | M          | inside the Member State (inMS) |
| Hunting (G07)   | M          | inside the Member State (inMS) |
| Physical alteration of water bodies (K05)                           | H          | inside the Member State (inMS) |
| Droughts and decreases in precipitation due to climate change (N02) | H          | inside the Member State (inMS) |

  

| a) Threat   | d) Ranking | e) location                    |
|---|------------|--------------------------------|
| Freshwater fish and shellfish harvesting (professional) (G05)       | M          | inside the Member State (inMS) |
| Hunting (G07)   | M          | inside the Member State (inMS) |
| Physical alteration of water bodies (K05)                           | H          | 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

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|  |  |
|--|--|
| 8.2 Main purpose of the measures taken | Expand the current distribution of 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

CG01 - Management of professional/commercial fishing (including shellfish and seaweed harvesting)

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

CJ02 - Reduce impact of multi-purpose hydrological changes

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 pairs (p)
- b) Minimum
- c) Maximum
- d) Best single value

### 9.2 Type of estimate

### 9.3 Population size inside the network Method used

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

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

### 9.6 Additional information

## 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

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|                                    |   |
|------------------------------------|---|
| <b>10.2 Hunting bag</b>            | <b>a) Unit</b>                                    |
|                                    | <b>b) Statistics/<br/>quantity<br/>taken</b>      |
|                                    |   |
|                                    | <b>Min.</b><br><i>(raw, i.e. not<br/>rounded)</i> |
|                                    | <b>Max.</b><br><i>(raw, i.e. not<br/>rounded)</i> |
|                                    | <b>Unknown</b>                                    |
| <b>10.3 Hunting bagMethod used</b> |   |
| <b>10.4 Additional information</b> |   |

number of individuals (i)

|   |                           |                           |                           |                           |                           |
|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| <i>Provide statistics per hunting season or per year ( where<br/>season is not used) over the reporting period.</i> |                           |                           |                           |                           |                           |
| <i>Season/<br/>Year 1</i>   | <i>Season/<br/>Year 2</i> | <i>Season/<br/>Year 3</i> | <i>Season/<br/>Year 4</i> | <i>Season/<br/>Year 5</i> | <i>Season/<br/>Year 6</i> |
|   |                           |                           |                           |                           |                           |
|   |                           |                           |                           |                           |                           |
| No  | No                        | No                        | No                        | No                        | No                        |

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

**Kontyos réce** (*Aythya fuligula*)  
jelölő faj (egyéb)

