

## PART B - BIRD SPECIES' STATUS AND TRENDS REPORT FORMAT

### 1. SPECIES INFORMATION

1.1 Member State	HU
1.2 Species code	A391
1.3 EURING code	722
1.4 Species scientific name	<i>Phalacrocorax carbo sinensis</i>
1.5 Subspecific population	
1.6 Alternative species scientific name (Optional)	
1.7 Common name (Optional)	

### 2. SEASON

2.1 Season	Breeding
2.2 First time reporting	No
2.3 Additional information	

### 3. POPULATION SIZE

3.1 Year or period	2019-2024	
3.2 Population size	a) Unit	number of pairs
	b) Minimum	1296
	c) Maximum	2234
	d) Best single value	–
3.3 Type of estimate	Best estimate	
3.4 Population size Method used	Complete survey or a statistically robust estimate	
3.5 Sources	National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species)	
3.6 Change and reason for change (since previous report)	Is there a change between reporting periods? yes, due to genuine change	
	The change is mainly due to: genuine change	
3.7 Additional information (Optional)		

### 4. POPULATION TREND

4.1 Short-term trend (last 12 years)

4.1.1 Short-term trend Period	2013-2024	
4.1.2 Short-term trend Direction	decreasing	
4.1.3 Short-term trend Magnitude	a) Minimum	–
	b) Maximum	–
	c) Best single value	-29
4.1.4 Short-term trend Method used	Complete survey or a statistically robust estimate	
4.1.5 Sources	Databases of National Park Directorates (Annual survey of colonially breeding and strictly protected bird species), and BirdLife Hungary's Bird Atlas Database ( <a href="http://map.mme.hu/">http://map.mme.hu/</a> )	
4.2 Long-term trend (since ca. 1980)		
4.2.1 Long-term trend Period	1980-2024	
4.2.2 Long-term trend Direction	decreasing	
4.2.3 Long-term trend Magnitude	a) Minimum	-50
	b) Maximum	-14
	c) Best single value	–
4.2.4 Long-term trend Method used	Based mainly on expert opinion with very limited data	
4.2.5 Sources	Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest. (2nd edition: 1998); Szép et. al (2022): Bird Atlas of Hungary ( <a href="https://mme.hu/madaratlasz">https://mme.hu/madaratlasz</a> )	
4.3 Additional information (Optional)		

## 5. BREEDING DISTRIBUTION MAP AND SIZE

5.1 Sensitive species	No
5.2 Year or period	2019-2024
5.3 Breeding distribution map	Yes
5.4 Breeding distribution size	2553
5.5 Breeding distribution Method used	Complete survey or a statistically robust estimate
5.6 Additional maps Optional	No
5.7 Sources	MME's bird atlas database ( <a href="https://map.mme.hu">https://map.mme.hu</a> ) - only confirmed breedings
5.8 Additional information Optional	

## 6. BREEDING DISTRIBUTION TREND

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

6.1.1 Short-term trend Period	2013-2024	
6.1.2 Short-term trend Direction	stable	
6.1.3 Short-term trend Magnitude	a) Minimum	–
	b) Maximum	–
	c) Best single value	–
6.1.4 Short-term trend Method used	Complete survey or a statistically robust estimate	
6.1.5 Sources	MME/BirdLife Hungary's Bird Atlas database, Szép et. al (2022): Bird Atlas of Hungary ( <a href="https://mme.hu/madaratlasz">https://mme.hu/madaratlasz</a> )	

### 6.2 Long-term trend (since ca. 1980)

6.2.1 Long-term trend Period	1980-2024	
6.2.2 Long-term trend Direction	increasing	
6.2.3 Long-term trend Magnitude	a) Minimum	70
	b) Maximum	90
	c) Best single value	–
6.2.4 Long-term trend Method used	Based mainly on expert opinion with very limited data	
6.2.5 Sources	Haraszthy L. (szerk.) (1984): Magyarország fészkelő madarai. Natura, Budapest.; Szép et. al (2022): Bird Atlas of Hungary ( <a href="https://mme.hu/madaratlasz">https://mme.hu/madaratlasz</a> )	
6.3 Additional information Optional	Although the number of breeding colonies did not change, and thus the spatial distribution, the number of colonies decreased.	

## 7. MAIN PRESSURES AND THREATS

### 7.1 Characterisation of pressures

Pressure	Timing	Scope (proportion of population affected)	Influence (on population or habitat of the species)	Location (where the pressure is primarily operating)	Invasive alien species of Union concern	Other invasive alien species
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7.2 Methods used (Optional)	Complete survey or a statistically robust estimate					
7.3 Sources of information (Optional)	Szép et. al (2022): Bird Atlas of Hungary ( <a href="https://mme.hu/madaratlasz">https://mme.hu/madaratlasz</a> )					
7.4 Additional information (Optional)						

## 8. CONSERVATION MEASURES

8.1 Status of measures	Are measures needed? <b>No</b>
8.2 Scope of measures taken	–
8.3 Main purpose of the measures taken	–
8.4 Location of the measures	–
8.5 Response to the measures (when the measures start to neutralize the pressure(s) and produce positive effects)	–
8.6 List of main conservation measures	–
8.7 Additional information Optional	

## 9. NATURA 2000 (SPECIAL PROTECTION AREAS (SPAS)) COVERAGE

9.1 Population size inside the Natura 2000 (Special Protection Area (SPA)) network (on national level including all sites where the species is present)	a) Unit	–
	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 (Optional)		

## 10. PROGRESS IN WORK RELATED TO INTERNATIONAL SPECIES ACTION PLANS (SAPs), MANAGEMENT PLANS (MPS) AND BRIEF MANAGEMENT STATEMENTS (BMSS)

10.1 Type of international plan	–
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10.2 Has a national plan linked to the international Species Action Plan (SAP) / Management Plan (MP) / Brief Management Statement (BMS) been adopted?	–
10.3 Assessment of the effectiveness of Species Action Plans (SAPs) for globally threatened species	–
10.4 Assessment of the effectiveness of Management Plans (MPs) for huntable species in non-Secure status	–
10.5 Sources of further information	–

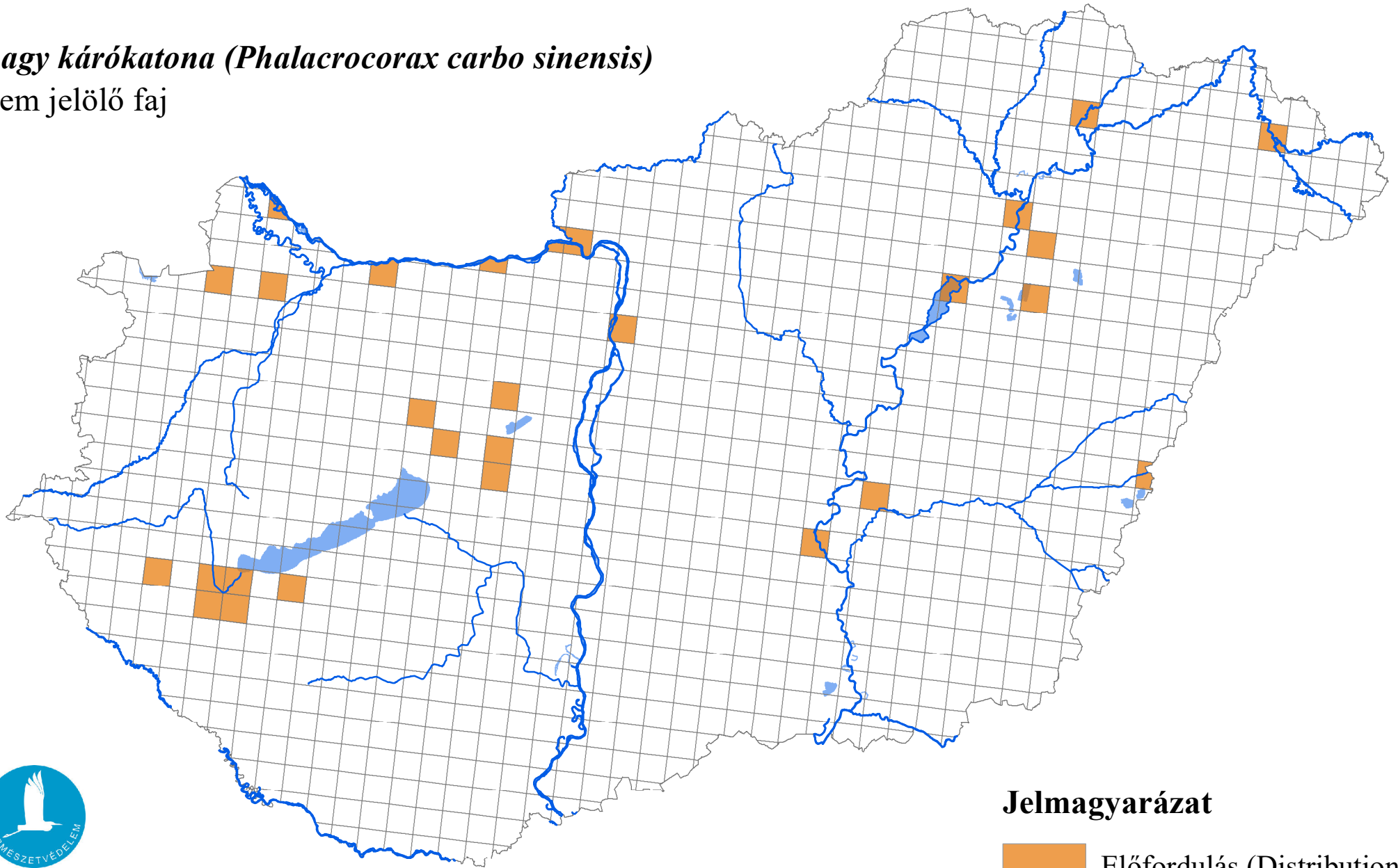
## 11. INFORMATION RELATED TO ANNEX II SPECIES OF DIRECTIVE 2009/147/EC

11.1 Is the species nationally hunted?	–						
11.2 Hunting bag	a) Unit	–					
	b) Season (optional)	–					
	c) Statistics / numbers (in individuals )	<i>Provide statistics per hunting season or per year (where season is not used) over the reporting period.</i>					
		Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
	Min. (raw, i.e. not rounded)	–	–	–	–	–	–
	Max. (raw, i.e. not rounded)						
	Unknown	–	–	–	–	–	–
11.3 Hunting bag Method used	–						
11.4 Additional information Optional							


# A madárvédelmi irányelv 12. cikke alapján készített országjelentés, 2025

*nagy kárókatona (Phalacrocorax carbo sinensis)*

nem jelölő faj



**Jelmagyarázat**

 Előfordulás (Distribution)

0 25 50 Kilometers



Forrás: Agrárminisztérium,  
Természetmegőrzési Főosztály