



Attachments:

- list of national coordinators
- spreadsheet form
- great cormorant colony - counting manual

Dear participant,

The Wetlands International Cormorant Research Group and members of INTERCAFE (COST) organize a pan-European Great Cormorant (*P. carbo*) breeding colony count in 2006.

In order to contribute, for each colony a form can be filled out (see attachment).

The forms can be filled out digitally or by hand writing. It should be send to the national coordinator after the breeding season of 2006. Please, return the form before 1 September 2006.

The data will be used to get an international overview of the present status of the species. They will be useful for comparing with earlier years and will give an overview of the distribution and expansion of the species into central and (north)eastern Europe. As most of the conflict issues are connected to the inland breeding "*sinensis*" subspecies we intend to concentrate on this subspecies especially. However, census data of "*carbo*" as well as Pygmy Cormorant (*P. pygmeus*) are welcomed of course.

Kind regards and success with counting,

Websites:

Wetlands International Cormorant Research Group <http://web.tiscali.it/sv2001/>  
INTERCAFE <http://www.intercafeproject.net/index.html>  
COST <http://www.cost.esf.org/index.php>

## **CORMORANT BREEDING COLONY COUNT 2006**

Dear respondent,

Please submit data of your country in the yellow space of the colony sheets.  
If you contribute data on more than one colony, you can use the next area sheets.

### Explanation

**LOCATION** = geographical coordinates (choose one of the following formats)

Decimal degrees (example): 52.22N - 5.22E

Degrees and minutes (example): 45°48' N -12°39' E

### **HABITAT TYPE FISHING WATER**

1. Open Sea
2. Estuary
3. Inland sea, brackish lagoon
4. Large lake
5. Large river
6. Impounded river
7. Stream / small river
8. Reservoir / small lake / sandpit
9. Fish pond

### **COUNTING METHOD**

1. Direct nest count from inside the colony
2. Nest count from outside the colony
3. Aerial count
4. Count after breeding season
5. Other - specify

### **STAKEHOLDERS**

1. Professional fishermen
2. Anglers
3. Fishfarmers
4. Conservationists (e.g. vulnerable fish)
5. Foresters (e.g. rare vegetation stand)

### **COLONY MANAGEMENT**

1. Habitat destruction
2. Spare-time fishermen
3. Pre-settlement disturbance
4. Shooting
5. Egg oiling
6. Nest removal
7. Others - specify



# Wetlands International Cormorant Research Group

## 1st pan-European breeding colony census

- breeding season 2006 -



NAME OF RESPONDENT	Peter de Wit
POSTAL AND/OR EMAIL ADDRESS	<a href="mailto:p.dwit@hotmail.com">p.dwit@hotmail.com</a>
COUNTRY	The Netherlands

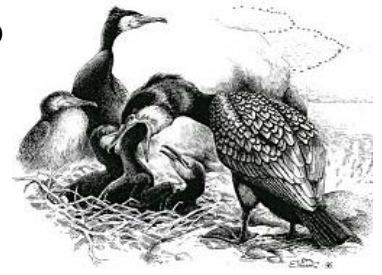
Issue	specification	DATA
COLONY NAME		Oostvaardersplassen
YEAR OF COLONIZATION		1978
LOCATION	Greenwich coordinates (see README)	52.22N 5.22E
HABITAT TYPE FISHING WATER	see README	large lake
MIN. DISTANCE TO FISHING WATER	km	3
HABITAT TYPE COLONY	forest / marsh / river / artificial	marsh
COLONY TYPE	tree / ground / rock / artificial / other	tree
GROUND BREEDING	% of nests on ground (estimate)	0
HABITAT (TREE) SPECIES	willow / poplar / alder / reedbed/ other	willow
COVERAGE OF MAIN HABITAT (TREE SPECIES)	% of nests	100
GROUND BREEDING	% of nests on ground (estimate)	0
OCCURENCE OF PREDATORS	WT eagle / fox / marten / cat / dog / other	red fox, polecat
SUB-SPECIES	carbo / sinensis	sinensis
NUMBER OF NESTS		2550
POPULATION INCREASE / DECREASE	average % last 5 years	-40%
COUNTING METHOD	see README	aerial
DATE OF COUNT		15/04/05
BROOD SIZE NEAR TO FLEDGING	only nests witch chicks	2.2
BREEDING SUCCESS	fledglings/nest (estimate)	1.3
OTHER COLONIAL SPECIES	grey heron / night heron / pygmy / other	
OCCURENCE OF CONFLICTS WITH HUMANS	no/yes (specify stakeholders) see README	no
COLONY MANAGEMENT	yes/no	no
YEAR OF MANAGEMENT START		
MANAGEMENT TOOL	see README	
NUMBER OF NESTS INVOLVED		0
AREA PROTECTION	yes / no	yes
PROTECTED AS	Natura2000 / ramsar / national park	SPA, EU Bird Directive
REMARKS		
<h1>Example</h1>		



**Wetlands International Cormorant Research Group**

**1st pan-European breeding colony census**

**- breeding season 2006 -**



<b>NAME OF RESPONDENT</b>	
<b>POSTAL AND/OR EMAIL ADDRESS</b>	
<b>COUNTRY</b>	

Issue	specification	DATA
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COLONY NAME		
YEAR OF COLONIZATION		
LOCATION	Greenwich coordinates (see README)	
HABITAT TYPE FISHING WATER	see README	
MIN. DISTANCE TO FISHING WATER	km	
HABITAT TYPE COLONY	forest / marsh / river / artificial	
COLONY TYPE	tree / ground / rock / artificial / other	
GROUND BREEDING	% of nests on ground (estimate)	
HABITAT (TREE) SPECIES	willow / poplar / alder / reedbed/ other	
COVERAGE OF MAIN HABITAT (TREE SPECIES)	% of nests	
GROUND BREEDING	% of nests on ground (estimate)	
OCCURENCE OF PREDATORS	WT eagle / fox / marten / cat / dog / other	
SUB-SPECIES	carbo / sinensis	
NUMBER OF NESTS		
POPULATION INCREASE / DECREASE	average % last 5 years	
COUNTING METHOD	see README	
DATE OF COUNT		
BROOD SIZE NEAR TO FLEDGING	only nests witch chicks	
BREEDING SUCCESS	fledglings/nest (estimate)	
OTHER COLONIAL SPECIES	grey heron / night heron / pygmy / other	
OCCURENCE OF CONFLICTS WITH HUMANS	no/yes (specify stakeholders) see README	
COLONY MANAGEMENT	yes/no	
YEAR OF MANAGEMENT START		
MANAGEMENT TOOL	see README	
NUMBER OF NESTS INVOLVED		
AREA PROTECTION	yes / no	
PROTECTED AS	Natura2000 / ramsar / national park	

<u>REMARKS</u>	
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