

# EAZA Yearbook 2007/2008

Please note that this document is one chapter of the EAZA Yearbook 2007/2008. Please visit the EAZA website to download the other chapters or the complete Yearbook:

<http://www.eaza.net/activities/cp/Pages/yearbook.aspx>

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## EAZA Gruiformes TAG

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**TAG Report (by Geer Scheres)** (No report available)

West African crowned crane (*Balearica pavonina*) ESB (Marc Damen) (No report available)

Red-crowned crane (*Grus japonensis*) EEP (by Rob Belterman)

Siberian crane (*Grus leucogeranus*) EEP (by Rob Belterman)

Hooded crane (*Grus monacha*) ESB (by Geer Scheres) (No report available)

White-naped crane (*Grus vipio*) EEP (Vacancy) (No report available)

Blue crane (*Anthropoides paradisea*) ESB (by Ryszard Topola)

Sunbittern (*Erypyga helias*) ESB (by Stefan Stadler)

## EAZA Gruiformes TAG Annual Report 2007 - 2008



### 1. Information on organisation, structure and activities of the TAG

<b>TAG chair:</b>	Geer Scheres, Zutendaal	<a href="mailto:Geer_scheres@yahoo.com">Geer_scheres@yahoo.com</a>
<b>TAG vice-chair:</b>	Rob Belterman, Rotterdam	<a href="mailto:r.belterman@rotterdamzoo.nl">r.belterman@rotterdamzoo.nl</a>
<b>TAG members:</b>	Stefan Stadler (Frankfurt) Ryszard Topola (Lodz)	
<b>Current EEPs:</b>	Red-crowned crane ( <i>Grus japonensis</i> ) Siberian crane ( <i>Grus leucogeranus</i> ) White-naped crane ( <i>Grus vipio</i> )	
<b>Current ESBs:</b>	Blue crane ( <i>Anthropoides paradisea</i> ) West African crowned crane ( <i>Balearica pavonina</i> ) Sunbittern ( <i>Eurypyga helias</i> ) Hooded crane ( <i>Grus monacha</i> )	
<b>TAG meeting:</b>	Date of last meeting: 17 September 2008 Last meeting hosted at Antwerpen Zoo (Royal Zoological Society of Antwerp).	
<b>Regional Collection Plan:</b>	Has a RCP been published? No Next edition to be published in 2010.	
<b>Publications:</b>	Not specified.	

### 2. Information on developments during 2007 - 2008

Not specified.

### 3. TAG goals for 2009

Not specified.



## Red-crowned crane

### EEP Annual Report 2007 - 2008



#### 1. Programme information

Red-crowned crane

*Grus japonensis*

**EEP established in 1987.**

##### Goal(s)

Percentage of gene diversity 90% saved in 100 years.

#### 2. Programme personnel

##### Species Coordinator

Rob Belterman (Rotterdam)

##### Species Committee members

Rudolf Reinhard (Berlin-zoo)

Roger Wilkinson (Chester)

Pierre Gay (Doue-fontaine)

Marleen Huyghe (Mechelen)

Ulrike Rademacher (Stuttgart)

##### Nutritional advisor

Joeke Nijboer (Rotterdam)

##### Veterinary advisor

Marian Mensink (Rotterdam)

#### 3. Activities

##### Species Committee

Last election: Over 5 years ago.

Last meeting: 28 March 2008 Jerusalem

##### Conservation activities

- Financial support to OKA Crane for from Cracid Breeding & Conservation Center, Zutendaal.
- Eggs and financial support, coordinated by Zoo Doué de la Fontaine.

##### Research activities

Not specified.

#### 4. Publications

##### Studbook

Recent edition: 2007

Next edition: 2010

##### Husbandry guidelines

Published in 1996.

## 5. Status

### Status and developments over the year 2007 - 2008

Red-crowned crane  
*Grus japonensis*

New	No reply	Participants	Status 1 Jan.	Births (DNS)	EAZA zoos		non-EAZA zoos		Deaths	31. Dec.
					In	Out	In	Out		
		AGRATE	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.1.0	0.0.0	1.2.0	0.0.0
		ALMATY	2.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0	2.1.0
		ALPHEN	1.2.0	1.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
		AMERSFOORT	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		AMSTERDAM	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		ARKHARA_NE	8.14.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	8.14.0
		AUGSBURG	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		BARNSTAPLE_NE	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		BENIDORM	1.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0
		BERLIN-TIERPARK	2.2.0	1.3.0 (0.0.0)	0.0.0	0.0.0	0.0.0	1.3.0	0.0.0	2.2.0
		BERLIN-ZOO	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		BLACKPOOL	1.1.0	1.1.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
		BRNO	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		CAMBRON-CASTEAU	8.3.1	0.0.0 (0.0.0)	0.0.0	1.0.0	0.0.0	1.0.0	0.1.0	6.2.1
		CHESTER	2.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.1.0
		CHOMUTOV	1.0.0	0.0.0 (0.0.0)	0.1.0	0.0.0	0.0.0	0.0.0	0.1.0	1.0.0
		COTTBUS_NE	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
*		DECIN	1.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0
		DOUE-FONTAINE	3.1.0	3.1.0 (0.0.0)	0.0.0	2.1.0	0.0.0	1.0.0	0.1.0	3.0.0
		DRESDEN	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		DUISBURG	1.0.0	0.0.0 (0.0.0)	0.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		FRANKFURT	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		GREAT-YARMOUTH	0.0.1	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.1
		HAMBURG	2.2.0	1.1.1 (0.0.0)	0.0.0	0.0.0	0.0.0	0.1.0	0.0.1	3.2.0
		HAMERTON	1.0.0	0.0.0 (0.0.0)	0.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		HILVARENBEEK	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		HOYERSWERDA	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
*		HUNNEBOSTRAND	0.0.0	0.0.0 (0.0.0)	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
*		JIHLAVA	1.1.0	0.0.0 (0.0.0)	0.1.0	0.1.0	0.0.0	0.0.0	0.0.0	1.1.0
		KALININGRAD_NE	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		KOLN	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		KREFELD	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		KREngLBACH	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		LEEWARDEN	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		LEIPZIG	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		LIPETZK-ZOO_NE	2.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
		LISBOA-ZOO	1.1.0	0.0.1 (0.0.1)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
*		LODZ	0.0.0	0.0.0 (0.0.0)	0.2.0	0.0.0	0.0.0	0.0.0	0.0.0	0.2.0
		MARLOW	2.3.0	0.1.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.4.0
		MARWELL	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		MECHELEN	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		MOSKVA	4.7.0	2.2.2 (0.0.1)	0.1.0	0.2.0	0.0.0	0.0.0	0.2.0	6.6.1
		MUNSTER	1.1.0	0.0.0 (0.0.0)	1.0.0	0.0.0	0.0.0	1.0.0	0.0.0	1.1.0
		NOVOSIBIRSK	1.3.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.3.0
		NURNBERG	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		OLOMOUC	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
*		OPOLE	0.0.0	0.0.0 (0.0.0)	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		OVERLOON	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		PAIGNTON	1.2.0	1.0.0 (0.0.0)	0.0.0	0.1.0	0.0.0	0.0.0	0.0.0	2.1.0
		PLEUGUENEUC	1.1.0	0.0.0 (0.0.0)	0.0.0	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0



## Red-crowned crane EEP Annual Report 2007 - 2008



	PLOCK	1.1.0	0.2.2 (0.0.0)	0.0.0	0.2.0	0.0.0	0.0.0	0.0.0	1.1.2
	PRAHA	1.2.0	0.0.0 (0.0.0)	0.1.0	0.1.0	0.0.0	0.0.0	0.0.0	1.2.0
	RIGA	2.1.0	3.2.0 (0.0.0)	0.0.0	3.1.0	0.0.0	1.1.0	0.0.0	1.1.0
	ROSTOV_NE	3.3.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	3.3.0
	ROTTERDAM	1.1.0	0.1.0 (0.0.0)	0.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.3.0
	RYAZANSKAYA_NE	7.9.0	5.8.0 (0.1.0)	0.0.0	0.1.0	0.0.0	3.4.0	1.2.0	8.9.0
	SABLES-OLONNE	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
	SALZBURG-ZOO	1.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0
	ST-PETERSBURG	2.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
*	STUTTGART	0.0.0	0.0.0 (0.0.0)	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
	TALLINN	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
*	TREGOMEUR	0.0.0	0.0.0 (0.0.0)	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
	VILLARS-DOBES	2.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.0.0
	WALSRODE	2.2.0	1.4.3 (0.0.3)	0.0.0	0.1.0	0.0.0	1.2.0	0.0.0	2.3.0
	WARSAWA	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
	WHIPNADE	1.0.0	0.0.0 (0.0.0)	0.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
	WIEN-ZOO	2.1.0	1.1.0 (0.0.0)	0.0.0	1.1.0	0.0.0	1.0.0	0.0.0	1.1.0
	WUPPERTAL	3.3.0	3.4.0 (0.0.0)	0.0.0	0.2.0	0.0.0	2.2.0	1.0.0	3.3.0
	ZLIN	2.1.0	0.0.0 (0.0.0)	0.1.0	0.1.0	0.0.0	0.0.0	0.0.0	2.1.0
	ZUTENDAAL	22.24.0	0.0.0 (0.0.0)	3.1.0	0.0.0	0.0.0	1.0.0	0.0.0	24.25.0
	Total (70)	126.125.2	23.31.9 (0.1.5)	8.16.0	8.16.0	0.1.0	13.13.0	3.10.1	133.133.5

### Summary

The population is stable.



# Siberian crane

## EEP Annual Report 2007 - 2008



### 1. Programme information

Siberian crane

*Grus leucogeranus*

**EEP established in 2001.**

#### Goal(s)

Percentage of gene diversity 90% saved in 100 years.

### 2. Programme personnel

#### Species Coordinator

Rob Belterman (Rotterdam)

#### Species Committee members

Martin Kaiser (Berlin-zoo)

Steffen Patzwahl (Cambron-casteau)

Theo Pagel (Koln)

Tanya Arzhanova (Moskva)

Rob Belterman (Rotterdam)

Tatiana Kashentseva (Ryazanskaya\_NE)

Tiit Maran (Tallinn)

Geer Scheres (Zutendaal)

#### Nutritional advisor

Joeke Nijboer (Rotterdam)

#### Veterinary advisor

Marian Mensink (Rotterdam)

### 3. Activities

#### Species Committee

Last election: No election ever held.

Last meeting: 7 September 2008 Antwerpen

#### Conservation activities

Financial support was raised for the projects in Russia and the rebuilding facilities in Oka Crene Breeding Center. The Cracid Conservation & Breeding Center (with a financial contribution from Cologne Zoo and Parc Paradisio) has financed and coordinated this project.

#### Research activities

Keeping chicks in flocks to get social birds. Birds can find their own partner.

### 4. Publications

#### Studbook

Recent edition: 2006

Next edition: 2010

#### Husbandry guidelines

Published in 1996.



**Siberian crane**  
**EEP Annual Report 2007 - 2008**



**5. Status**

**Status and developments over the year 2007 - 2008**

Siberian crane  
*Grus leucogeranus*

New	No reply	Participants	Status 1 Jan.	Births (DNS)	EAZA zoos		non-EAZA zoos		Deaths	31. Dec.
					In	Out	In	Out		
		BERLIN-TIERPARK	4.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	2.0.0	0.0.0	2.2.0
		CAMBRON-CASTEAU	3.4.0	0.0.2 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	2.1.0	1.3.2
		KALININGRAD_NE	0.1.0	0.0.0 (0.0.0)	1.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		KOLN	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		MOSKVA	7.6.0	0.0.0 (0.0.0)	0.0.0	1.0.0	0.0.0	1.1.0	0.0.0	5.5.0
		NOVOSIBIRSK	1.1.0	0.0.0 (0.0.0)	1.0.0	0.0.0	0.0.0	0.0.0	1.0.0	1.1.0
		RYAZANSKAYA_NE	17.14.0	8.6.0 (0.2.0)	0.0.0	1.0.0	0.0.0	4.3.0	2.2.0	18.13.0
		TALLINN	1.1.0	2.0.3 (0.0.3)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	3.1.0
		WALSRODE	2.3.0	0.0.2 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.2	2.3.0
		ZUTENDAAL	52.50.0	19.20.1 (0.0.0)	0.0.0	0.0.0	0.0.0	3.3.0	1.0.0	67.67.1
		Total (10)	88.83.0	29.26.8 (0.2.3)	2.0.0	2.0.0	0.0.0	10.7.0	6.3.2	101.97.3

**Summary**

The population is growing.



**Blue crane**  
**ESB Annual Report 2007 - 2008**



**1. Programme information**

Blue crane

*Anthropoides paradisea*

**ESB established in 1998.**

**Goal(s)**

Percentage of gene diversity 90% saved in 100 years.

**2. Programme personnel**

**European Studbook Keeper**

Ryszard Topola (Lodz)

**3. Publications**

**Studbook**

Recent edition: 2007

Next edition: 2010

**Husbandry guidelines**

Not yet published.

#### 4. Status

##### Status and developments over the year 2007 - 2008

Blue crane  
*Anthropoides paradisea*

New	No reply	Participants	Status 1 Jan.	Births (DNS)	EAZA zoos		non-EAZA zoos		Deaths	31. Dec.
					In	Out	In	Out		
		BERLIN-TIERPARK	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
	*	BOURTON-WATER	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
*		BURFORD	0.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	1.1.0	0.0.0	0.0.0	1.1.0
		CAMBRON-CASTEAU	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		CHESTER	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
	*	COLCHESTER	2.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
	*	DARICA	1.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0
*		EDINBURGH	0.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	1.1.0	0.0.0	0.0.0	1.1.0
		EPE	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	1.1.0	0.0.0	0.0.0
		HANNOVER	1.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.1.0	0.0.0	0.0.0	1.1.0
		HAREWOOD	1.1.1	1.1.1 (0.1.1)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.1	2.1.0
		HAYLE	2.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
*		HILVARENBEEK	0.0.0	0.0.0 (0.0.0)	2.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.0.0
		JERSEY	1.2.0	1.3.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0	2.4.0
		KOLN	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		LIGNANO	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		LODZ	2.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
		MADRID-ZOO	1.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.2.0
		MARWELL	1.1.0	2.0.0 (0.0.0)	0.0.0	2.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		MECHELEN	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		MOSKVA	0.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0
		MULHOUSE	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0	0.1.0
		MUNCHEN	1.2.0	0.0.0 (0.0.0)	2.0.0	1.1.0	0.0.0	0.0.0	1.0.0	1.1.0
		MUZILLAC	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.1.0	0.0.0	0.0.0	1.2.0
*		NURNBERG	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		ODENSE	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		PAIGNTON	1.1.0	0.0.0 (0.0.0)	1.0.0	0.0.0	0.0.0	1.0.0	0.0.0	1.1.0
*		PARIS-JARDIN	1.1.5	0.0.0 (0.0.0)	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.5
*		PARIS-ZOO	1.1.0	0.0.0 (0.0.0)	0.0.0	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0
		PRAHA	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		RIGA	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		SALZBURG-ZOO	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
*		SANTILLANA	0.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.2	0.0.0	0.0.0	0.0.2
		STUTTGART	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0	1.0.0
		TWYXCROSS	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0	1.0.0
		VILLARS-DOBES	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		WALSRODE	1.1.0	0.0.2 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.2
		WHIPSNADDE	3.1.0	1.1.2 (0.0.2)	0.0.0	1.0.0	0.0.0	1.0.0	0.0.0	2.2.0
		WUPPERTAL	2.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.1.0
*		ZUTENDAAL	7.6.0	1.0.0 (0.0.0)	1.1.0	2.0.0	0.0.0	1.0.0	0.0.0	6.7.0
		Total (40)	47.45.6	6.5.5 (0.1.3)	7.2.0	7.2.0	2.4.2	4.1.0	2.3.1	49.49.9
*		Non-EAZA Institutions (10)	3.7.1	0.0.0 (0.0.0)	1.2.0	1.2.0	4.3.0	0.0.0	0.0.0	7.10.1



## Blue crane

### ESB Annual Report 2007 - 2008



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#### Summary

The blue crane population increased in EAZA zoos from 98 to 107 specimens thanks to breeding results and transfers from non-ESB collections. Six pairs bred during 2007 and 2008 only!

#### Births (DNS):

- 2007: 4.1.3 (0.0.3) in 5 collections,
- 2008: 3.3.2 (0.1.0) in 4 collections.



# Sunbittern

## ESB Annual Report 2007 - 2008



### 1. Programme information

Sunbittern

*Eurypyga helias*

#### ESB established in 2001.

#### Goal(s)

Percentage of gene diversity 90% saved in 100 years.

Target population size A= 0 and B= 120

#### Additional comments

Programme goals are currently difficult to define as a high percentage of the population has unknown parentage. Therefore, a target population A is not given here.

Target population size given under B is a (possibly slightly optimistic) subjective estimate by the ESB keeper based on the development of the population in recent years and the growing difficulties to place sunbitterns among EAZA member institutions.

### 2. Programme personnel

#### European Studbook Keeper

Stefan Stadler (Frankfurt)

### 3. Publications

#### Studbook

Recent edition: 2007

Next edition: 2010

#### Husbandry guidelines

Not yet published.

#### 4. Status

##### Status and developments over the year 2007 - 2008

Sunbittern  
*Eurypyga helias*

New	No reply	Participants	Status 1 Jan.	Births (DNS)	EAZA zoos		non-EAZA zoos		Deaths	31. Dec.
					In	Out	In	Out		
		ALPHEN	2.2.0	2.0.3 (0.0.1)	0.0.0	2.0.0	0.0.0	0.0.0	0.0.0	2.2.2
		AMSTERDAM	2.3.0	2.3.0 (0.0.0)	0.0.0	1.1.0	0.0.0	0.0.0	0.2.0	3.3.0
		ANTWERPEN	1.3.1	4.1.0 (0.0.0)	0.0.0	0.2.0	0.0.0	0.0.0	0.0.1	5.2.0
		ARNHEM	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		BASEL	2.2.0	0.3.1 (0.0.0)	0.0.0	0.1.0	0.0.0	0.0.0	0.1.1	2.3.0
		BERLIN-TIERPARK	1.1.0	1.1.4 (0.0.3)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.1
		BERLIN-ZOO	2.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
		BURFORD	1.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0
		CAMBRON-CASTEAU	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		CHEMNITZ	2.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	1.1.0	0.0.0	0.0.0	3.1.0
		EMMEN	5.6.0	1.0.4 (0.0.3)	1.0.0	0.0.0	0.0.0	0.0.0	1.2.1	6.4.0
		FRANKFURT	1.1.0	1.0.0 (0.0.0)	0.0.0	1.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		KERKRADE	2.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.1.0
		KREFELD	1.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0
		KREINGLBACH	1.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0
		LISBOA-ZOO	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		LODZ	3.1.0	0.0.1 (0.0.1)	0.0.0	1.0.0	0.0.0	0.0.0	1.0.0	1.1.0
		LONDON	3.2.0	1.1.1 (0.0.1)	0.0.0	0.0.0	0.0.0	1.0.0	0.0.0	3.3.0
*		MONTPELLIER	0.0.0	0.0.0 (0.0.0)	2.2.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
		NEWCHURCH	2.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
		ODENSE	1.0.0	0.0.1 (0.0.0)	0.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.1
		PLZEN	0.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
*		RAMAT-GAN	0.0.0	0.0.0 (0.0.0)	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		RANDERS	1.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		STUTTGART	1.2.0	0.0.0 (0.0.0)	1.0.0	0.0.0	0.0.0	0.0.0	1.1.0	1.1.0
		TWYCROSS	0.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0
		WALSRODE	3.4.0	1.2.0 (0.0.0)	0.0.0	0.0.0	0.0.0	1.0.0	0.0.0	3.6.0
		WARSZAWA	2.2.0	0.1.4 (0.0.2)	1.0.0	2.1.0	0.0.0	0.0.0	0.0.0	1.2.2
		WIEN-ZOO	1.0.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	1.0.0	0.0.0	0.0.0
*		WROCLAW	0.0.0	0.0.0 (0.0.0)	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0	1.1.0
		WUPPERTAL	1.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.2.0
		ZLIN	1.1.0	0.0.1 (0.0.1)	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0	1.0.0
		ZURICH	2.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0	2.1.0
		Total (33)	47.44.1	13.12.20 (0.0.12)	7.5.0	7.5.0	1.1.0	3.0.0	3.8.3	55.49.6

#### Discrepancy notes

Sunbittern  
*Eurypyga helias*

BASEL	Status on 1 January 2007 is 2.2.0 instead of 2.1.1 as listed on 31 December 2006. 0.0.1 sexed as female.
CHEMNITZ	1.1 originated in EAZA zoos & returned from private (non-EAZA) breeder.
KREFELD	Status on 1 January 2007 is 1.0.0 instead of 1.1.0 as listed on 31 December 2006. One female was transferred to non-EAZA institution in late 2006.
WALSRODE	Status on 1 January 2007 is 3.4.0 instead of 3.3.0 as listed on 31 December 2006. 0.1 was late reported as non-EAZA In.
WARSZAWA	The status on 1 January 2007 is 2.2.0 instead of 1.1.2 as listed on 31 December 2006. 0.0.2 were sexed as 1.1.

#### Summary

Over 2007 and 2008 the sunbittern ESB population grew by nearly 20 % - of a total of 45 hatched birds only 12 (27%) did not survive and those 33 surviving exceeded by far the 14 birds that died at a later stage. Twelve individuals were exchanged among EAZA institutions, though in a number of cases, it was decided to send such birds to non-EAZA holders. The overall growth rate of the sunbittern ESB population is making it difficult at times for the ESB keeper to find EAZA institutions that are interested in placing surplus birds. This trend is likely to continue in the future. The sex ratio is



## Sunbittern

### ESB Annual Report 2007 - 2008



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slightly in favour of males (1.12) though six birds (5%) were still unsexed. So, there are no worries about the future of this ESB population as it is still growing, but it might be that the overall growth rate becomes too high. Moreover, in the long run a problem might arise due to the high percentage of unknown parentage (> 60%) in the studbook population giving ESB recommendations for genetics only limited value.