

EAZA Yearbook 2007/2008

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

EAZA Ratite TAG

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Southern cassowary (*Casuarius casuarius*) ESB (by Joost Lammers)

EAZA Ratite TAG Annual Report 2007 - 2008



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

TAG chair:	Joost Lammers, Alphen	curator@avifauna.valk.nl
TAG vice-chair:	Simon Bruslund Jensen, Walsrode Jo Gregson, Paignton	simon.jensen@vogelpark-walsrode.de jo.gregson@paigntonzoo.org.uk
TAG members:	David Gomis (Mulhouse) Michael Grauer (Bettembourg) Catherine King (Fuengirola) Flemming Nielsen (Kobenhavn-zoo) Rudolf Wicker (Frankfurt)	
TAG advisors:	General Sara Hallager, Smithsonian National Zoological Park, TAG Chair AZA Chris Hibbard, Taronga Zoo, TAG Chair ARAZPA (non passerine) Behavioural Taxonomy Veterinary John Chitty, Private, Veterinarian, Edinburgh Nutritional Conservation Research Educational	
Current EEPs:		
Current ESBs:	Southern cassowary (<i>Casuarius casuarius</i>)	
TAG meeting:	Date of last meeting: 29 Marts 2008 Last meeting hosted at The Tisch Family Zoological Gardens.	
Regional Collection Plan:	Has a RCP been published? No Next edition to be published in 2010.	
Publications:	Not specified.	

2. Information on developments during 2007 - 2008

Although there have been TAG meetings in Warszawa (September 2007) and Jerusalem (March 2008) the TAG was not officially established until August 2008. So the main priority in 2008 has been to identify TAG members and try to link with the TAG's in other regions.

Contacts with especially the AZA region have been extremely useful and both regions expressed the wish to cooperate in the future.

AZA produced a ratite bibliography that was updated in 2007. Because of the extensive bibliography on these species and ratites in general, only articles of general interest to the zoo community are listed in this bibliography. The bibliography is also available for EAZA and those who are interested can contact the TAG chair(s).

Furthermore our AZA colleagues are managing a ratite list server and interested EAZA members are invited to subscribe. azalistserver@list.aza.org / ratite@list.aza.org

ISIS (Laurie Bingaman Lackey) produced a list with all ratites and tinamous living in European ISIS zoos which was extremely helpful in producing a first draft RCP that was discussed further during the 2008 meeting in Jerusalem.

It was decided that there is an urgent need to establish an ESB for Lesser rhea (*Pterocnemia pennata*) so the TAG has been busy to find somebody who's willing to take on this task. Unfortunately this ESB position is still vacant.

Michael Grauer volunteered to monitor all tinamous species so that the TAG will be able to produce a sound RCP for these species that is based on the correct information and wishes of the EAZA members who are keeping / or willing to keep the species.

3. TAG goals for 2009

Anticipated short term goals (2009-2011) for the TAG are:

- Establish an ESB for the lesser rhea.
- Publish the second edition of the Southern cassowary (*casuarius casuarius*) ESB studbook.
- Find species monitors for ostrich, rhea and emu to establish genetic and demographic status of these 'common ratites'.
- Find a species monitor for tinamous to establish genetic and demographic status.
- Assess available space.
- Complete a Regional Collection plan (draft).
- Develop an Action plan.
- Secure information on conservation priorities.
- Develop research priorities.
- Identify captive management priorities.
- Identify institutions interested in participating in conservation efforts for the taxa.



Southern cassowary
ESB Annual Report 2007 - 2008



1. Programme information

Southern cassowary

Casuarius casuarius

ESB established in 2004.

Goal(s)

Percentage of gene diversity 90% saved in 100 years.

Target population size A= 120 and B= 108

2. Programme personnel

European Studbook Keeper

Joost Lammers (Alphen)

3. Publications

Studbook

Recent edition: 2004

Next edition: 2009

Husbandry guidelines

Published in 2004.

4. Status

Status and developments over the year 2007 - 2008

Southern cassowary
Casuarius casuarius

New	No reply	Participants	Status 1 Jan.	Births (DNS)	EAZA zoos		non-EAZA zoos		Deaths	31. Dec.
					In	Out	In	Out		
		AACHEN	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
		ALMATY	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
		ALPHEN	3.1.0	1.2.4 (0.0.4)	0.0.0	2.1.0	0.0.0	0.0.0	0.0.0	2.2.0
		AMIENS	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
		AMSTERDAM	2.1.0	2.1.2 (0.0.2)	0.0.0	2.0.0	0.0.0	0.0.0	0.0.0	2.2.0
		ATHINAI	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
*		BENIDORM	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
		BOJNICE	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
		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
		BRISTOL	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
		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
		BUDAPEST	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
		BUSSOLENGO	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	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	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
		DARICA	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
*		DEBRECEN	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
		DUDLEY	1.1.0	0.0.0 (0.0.0)	1.0.0	0.0.0	0.0.0	0.0.0	2.1.0	0.0.0
		EDINBURGH	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
*		ESTEPONA	1.0.0	0.0.0 (0.0.0)	0.1.0	1.1.0	0.1.0	0.0.0	0.0.0	0.1.0
		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
		FUENGIROLA	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
		HAMERTON	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
		JEREZ-FRONTERA	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
*		JERUSALEM	0.0.0	0.0.0 (0.0.0)	1.0.0	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0
		KIRIAT-MOTZKIN	1.0.1	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	1.0.1	0.0.0
		KOLN	1.0.0	0.0.0 (0.0.0)	0.0.0	1.0.0	0.0.0	0.0.0	0.0.0	0.0.0
		KRENLBACH	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	1.0.0	0.1.0
		LODZ	2.1.0	0.0.0 (0.0.0)	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0	3.2.0
		LOUROSA	4.2.0	0.2.4 (0.0.4)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	4.4.0
		MADRID-ZOO	1.1.0	1.1.0 (0.0.0)	0.0.0	2.2.0	1.1.0	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
		MONCHIQUE	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
		MONTPELLIER	2.0.0	0.0.0 (0.0.0)	1.2.0	0.0.0	0.0.0	0.0.0	0.1.0	3.1.0
		MOSKVA	0.2.0	0.0.0 (0.0.0)	2.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.2.0
		MULHOUSE	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	2.3.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	2.3.0
		PARIS-JARDIN	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
		PELLISSANE	0.2.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.2.0
*		PISTOIA	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
		POZNAN	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
		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
		RAMAT-GAN	1.1.0	1.2.2 (0.0.2)	0.0.0	1.1.0	0.0.0	0.0.0	0.1.0	1.1.0
		RIGA	1.2.0	0.0.0 (0.0.0)	0.0.0	0.1.0	0.0.0	0.0.0	0.0.0	1.1.0
		ROMA	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
		SZEGED	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
		THOIRY	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
		TWYCROSS	1.0.0	0.0.0 (0.0.0)	1.0.0	1.0.0	0.0.0	0.0.0	1.0.0	0.0.0
		WARSAWA	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



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	WIEN-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
*	WINKHILL	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
*	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
	ZLIN	2.1.0	0.0.0 (0.0.0)	0.0.0	0.0.0	0.0.0	0.0.0	1.0.0	1.1.0
	Total (54)	54.44.2	5.8.12 (0.0.12)	10.6.0	10.6.0	1.3.0	1.0.0	7.4.1	52.51.1
	Non-EAZA Institutions (6)	4.7.0	0.0.2 (0.0.2)	0.0.0	0.0.0	0.0.0	1.3.0	0.1.0	3.3.0

Summary

The population size is stable for the reported period due to an even amount of births and deaths. Breeding occurred in 6 institutions, for Amsterdam and Dodewaard (non-EAZA) it was the first time for these pairs.

Lourosa is one of the few institutions in the world who are actually using the natural mating system of the cassowary in which they give their female the opportunity to mate with several males. Lourosa has proven that this can be done successfully in a zoo environment.

Twenty birds have been transferred during the reported period. Not only young birds have been transferred but also some older birds have been transferred to establish new adult pairs in several zoos (e.g. Moskva).