

ZOOLOGISCHER GARTEN BERLIN



INTERNATIONAL STUDBOOK  
for the African BLACK RHINOCEROS

10

INTERNATIONALES ZUCHTBUCH  
für das afrikanische SPITZMAULNASHORN

01. 01. 2005

**ZOOLOGISCHER GARTEN BERLIN**

INTERNATIONAL STUDBOOK

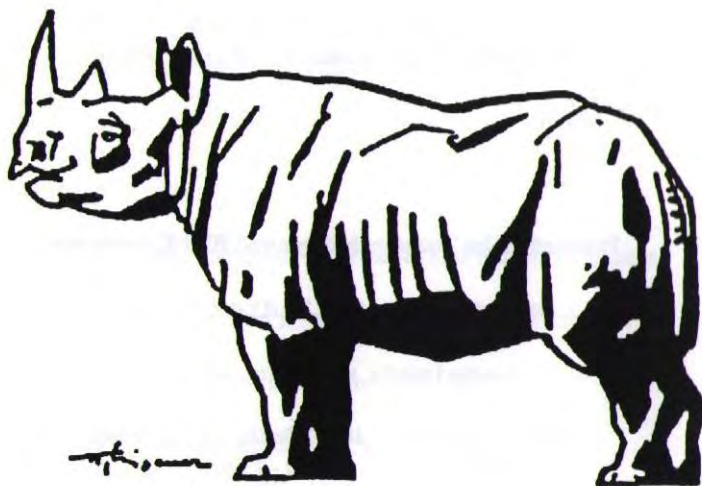
for the BLACK RHINOCEROS

*Diceros bicornis* (Linné, 1758)

INTERNATIONALES ZUCHTBUCH

für das SPITZMAULNASHORN

**10**



01. 01. 2005

Ausgabe 10

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

*Diceros bicornis* (Linné, 1758)

**Herausgeber**

**ZOOLOGISCHER GARTEN BERLIN AG**

**Direktor Dr. Jürgen Lange**

**begründet 1966 von  
Prof. Dr. Dr. h. c. mult. H. - G. Klös**

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**Bearbeitungsstand: 31. 12. 2004**

**ISSN 1619-5256**

Volume 10

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

*Diceros bicornis* (Linné, 1758)

**Published by**

**ZOOLOGISCHER GARTEN BERLIN AG**

**Director Dr. Jürgen Lange**

**set up by**

**Prof. Dr. Dr. h. c. mult. H.-G. Klös in 1966**

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**Dead-line: 31. 12. 2004**

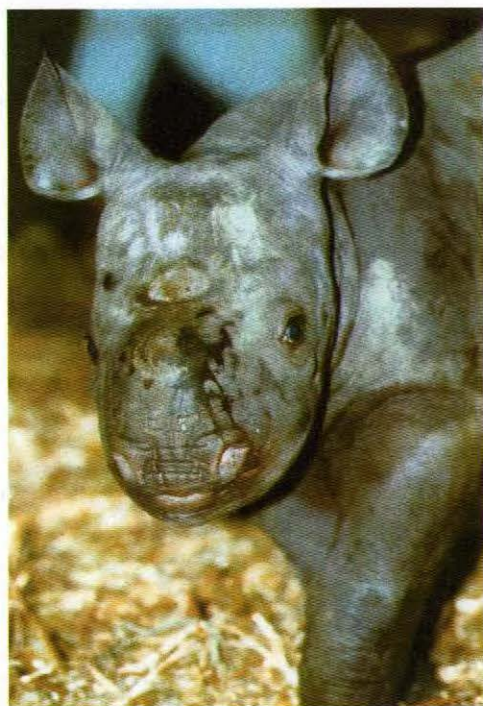
**ISSN 1619-5256**

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Female Ine and her 2 months old 2nd offspring BINI



Female young BINITI, born on 2nd November 2003  
at Berlin Zoo, at the age of 1 day

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**INTERNATIONALES ZUCHTBUCH**  
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**general information**

**Allgemeines**

**General information - *Diceros bicornis***

This is the 10th publication of the International Studbook for the African Black rhinoceros *Diceros bicornis*.

We continued to list all available PRIMARY death causes, which, because of indistinct information or several pathological findings, in cases are only speculative.

For the time range 01.01.2001 through 31.12.2004 a total of 61 births were recorded: 48 (19.23.6) *michaeli* and 13 (7.6.0) *minor*.

The mortality rate is listed as follows: total deaths 56 *michaeli* (15.20.1) and *minor* (6.14.0). Of this total 17 individuals ((3.5.0) *michaeli* and (2.7.0) *minor* were removed due to non-cooperation with the studbook keeper (0.2 *minor* were introduced to the wild by Frankfurt/M Zoo) which reduces the mortality rate to 39 individuals (12.15.1) *michaeli* and (4.7.0) *minor*.

A total of 10 imports were recorded, however, the largest number of these were subsequent registrations and are dead, except for 2.0 *minor* individuals which were reported in 2001 to have arrived in 1996 respectively in 2003 to have arrived in 2002.

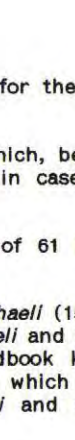
The latter animal is alive at Pretoria Zoo. The first individual was loaned by the Johannesburg Zoo and returned in 2002 to the owner (no studbook participant) and therefore removed.

The living population presently reads: 277 (125.146.6) individuals of which 210 (91.114.5) are *michaeli*.

This edition, with dead-line 31.12.2004, includes data to 05/11/2004 *michaeli* and 14/02/2005 *minor*.

I should like to thank Dr. THOMAS J. FOOSE, Program Director and Compiler of the North American Regional Studbook, Waynesboro, PA, USA, Mr. HARUO OTSU, National Black rhino Studbook Keeper, Hiroshima Asa Zoological Park, Japan, Mr. ANDREW THORNE, ASMP Black rhino Species Coordinator, Western Plains Zoo, Dubbo, Australia, for their outstanding cooperation with us, and also the many Ladies and Gentlemen who work in the field of Animal-Data-Processing and who upon request promptly submit the needed information.

My thanks also goes to our studbook compiler Mrs. HANNELORE MERCADO who is working in this field since January 1979, keeping close contact with zoos and zoological institutions global-wide, and who signs responsible for the listed data and the layout of the studbook.

  
Dr. med. vet. Andreas Ochs

Berlin 31.12.2004

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONALES ZUCHTBUCH**

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**World institutions, their population**

**and overall view**

**by continents**

*Diceros bicornis michaeli* and  
*Diceros bicornis minor*

**Welt-Haltungen, deren Population**

**sowie Gesamtübersicht**

**nach Kontinenten**

Eastern Black rhinoceros - *Diceros bicornis michaeli*

INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N

Continent	Country/ Institution	name/address of institution	M	F	U	status
AFRICA	East - Kenya LEWA WDLF CONS	Lewa Wildlife Conservancy Mr. G. Chege Research Officer P.O. Box 10807 00100 Nairobi earthwatch@lewa.org	14	21	5	18.08.2004
	total Africa		14	21	5	40

ASIA	China-RP of (Taiwan) TAIPEI ZOO	Director Pao-chu Chen Taipei Zoo 30, Sec. 2, Hsin-Kuang Road, Taipei, Taiwan 116 dwy07@zoo.gov.zw no response to status inquiries	0	2	0	26.07.2000
	total China (Taiwan)		0	2	0	2

India	MYSORE SCZG	Deputy Director K.M. Chandrashekar Sri Chamarajendra Zoological Gardens IniraNagar Mysore-570 010 Karnataka State mysorezoo@hotmail.com	1	1	0	20.02.2004
	total India		1	1	0	2

Japan		Mr. HARUO OTSU General Curator Black rhino coordinator Hiroshima Asa Zoological Park Asa-cho, Asakita-ku Hiroshima, 731-3355 Japan h-otsu@asazoo.jp status 05.12.2003				
	HIROSHIMA ASA Z	Hiroshima Asa Zoological Park	4	4	0	
	HITACHI KAMINE	Hitachi Kamine Zoological Park	1	2	0	

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## INSTITUTIONS by CONTINENTS - C U R R E N T LIVING POPULATION

Continent	Country/ Institution	name/address of institution	M	F	U	status
ASIA	Japan					
	NAGOYA HIGASHIY	Nagoya Higashiyama Zoo	1	1	0	
	OSAKA TENNOJI Z	Osaka Municipal Tennoji	1	1	0	
	SHIRAHAMA AD WD	Shirahama Adventure World	0	1	0	
	TOKYO UENO ZOO	Ueno Zoological Gardens, Tokyo	1	1	0	
	YOKOHA KANAZAWA	Kanazawa Zoological Gardens	2	2	0	
		total Japan		10	12	0
	total Asia		11	15	0	26

## EUROPE

		Dr. med. vet. ANDREAS OCHS International Studbook Keeper- Black rhino EEP coordinator Zoologischer Garten Berlin AG Hardenbergplatz 8 D-10787 Berlin (Germany) a.ochs@zoo-berlin.de				
Czech Republic	DVUR KRALOVE	Zoologicka Zahrada CZR-54401 Dvur Kralove nad Labem Dr. K. Tomasova kristina.tomasova@zoodk.cz	5	10	0	13.09.2004
Estonia	TALLIN ZOO	Tallinn Zoological Gardens Director Mati Kaal Merje Polma-Curator 13522 Tallinn merje.polma@tallinniv.ee	1	0	0	01.02.2006
France	PONT-SCORFF ZOO	Zoo de Pont-Scorff Collections Manager Xavier Vaillant F-56620 Pont Scorff xavier-zoo@wanadoo.fr	1	0	0	15.09.2004
Germany	BERLIN ZOO	Zoologischer Garten Berlin AG h.mercado@zoo-berlin.de	1	6	0	31.12.2004

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## INSTITUTIONS by CONTINENTS - CURRENT LIVING POPULATION

Continent	Country/ Institution	name/address of institution	M	F	U	status
<b>EUROPE</b>						
	Germany COLOGNE ZOO	Aktiengesellschaft Zoologischer Garten Köln Dr. Lydia Kolter Riehlerstr. 173 D-50735 Koeln lkolter@zoo-koeln.de	1	1	0	28.02.2004
	DORTMUND ZOO	Zoo Dortmund Director Dr. F. Brandstaetter Mergelteichstr. 80 D-44225 Dortmund zoo@dortmund.de	0	1	0	08.06.2002
	HANOVER ZOO	Zoo Hannover GmbH Asst. Zool. Director Dr. A. Knielern Adenauerallee 3 D-30175 Hannover Curator: mueller-schilling@zoo-hannover.de	1	2	0	02.04.2004
	KREFELD ZOO	Krefelder Zoo Director Dr. W. Dressen Uerdinger St. 377 D-47800 Krefeld zoo.krefeld@krefeld.de	1	1	0	22.09.2004
	LEIPZIG ZOO	Zool. Garten Leipzig GmbH Director Dr. G. Girardet Pfaffendorfer St. 29 D04105 Leipzig Curator Dr. A. Bernhard abernhard@zoo-leipzig.de	1	2	0	17.02.2004
	MAGDEBURG ZOO	Zoologischer Garten Magdeburg Zool. Director Frank Ahrens Am Vogelgesang 12 D-39124 Magdeburg frank.ahrens@zoo-magdeburg.de	1	3	0	26.04.2004
	Switzerland ZURICH ZOO	Zoologischer Garten Zürich Dr. Robert Zingg-Curator Zuerichbergst. 221 CH-8044 Zuerich robert.zingg@zoo.ch	1	3	0	08.07.2004

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N

Continent	Country/ Institution	name/address of institution	M	F	U	status
EUROPE	United Kingdom CHESTER ZOO	The North of England Zoological Society Chester Zool. Gardens David Brunger-Records Administrator UK-Upton by Chester Chechire NH2 1LH d.brunger@chesterzoo.co.uk	3	4	0	19.07.2004
	LON-WHIPSDADE	Whipsnade Wild Animal Park, David Field-Curator UK-Dunstable, Beds LU6 2LF david.field@zsl.org	1	1	0	02.02.2004
	PAIGNTON ZOO	Paignton Zoological & Botanical Gardens Neil Bemment-Curator UK-Paignton, Devon TQ4 7EU nbemment@paigntonzoo.org.uk	1	1	0	10.04.2003
	PORT LYMPNE	Howletts & Port Lympne Estate P. Lichtfield-Collections Director UK-Lympne nr. Hythe Kent CT21 4PD info@howletts.net	7	12	0	14.08. 2004
total Europe			26	47	0	73

## NORTH AMERICA

THOMAS J. FOOSE, Ph.D.  
Program Director  
International Rhino Foundation  
(IRF)  
20 Pen Mar Street  
Waynesboro, PA 17268  
U S A  
lrftom@aol.com

U S A	ATLANTA ZOO	Zoo Atlanta Atlanta, GA	1	1	0	23.09.2003
	BATON ROUG BAKER	Brec's Baton Rouge Zoo Baker, LA	1	0	0	18.06.2004
	BIRMINGHAM Z USA	Birmingham Zoo Birmingham, AL	1	0	0	13.11.2003
	BUSCH GDS TAMPA	Busch Gardens Tampa, FL	3	2	0	25.08.2004

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## INSTITUTIONS by CONTINENTS - CURRENT LIVING POPULATION

Continent	Country/ Institution	name/address of institution	M	F	U	status
<b>NORTH AMERICA</b>						
<b>USA</b>						
	CALDWELL TYLER	Caldwell Zoo - Tyler, TX	2	1	0	27.02.2004
	CHICAGO BROOKFD	Chicago Zoological Society (Brookfield Zoo) Chicago, IL	3	2	0	09.10.2003
	CHICAGO LINCOLN	Lincoln Park Zoo Chicago, IL	1	1	0	09.07.2003
	CINCINNATI ZOO	Cincinnati Zoo & Botanical Garden Cincinnati, OH	1	1	0	26.05.2004
	CLEVELAND METRO	Cleveland Metroparks Zoo, Cleveland, OH	1	2	0	18.08.2003
	COLUMBUS POWELL	Columbus Zoo & Aquarium Powell, OH	2	1	0	11.10.2004
	DENVER ZOO	Denver Zoological Foundation Denver, CO	2	1	0	05.07.2004
	GARDENCTY LEE R	Lee Richardson Zoo Garden City, KS	1	0	0	01.12.2003
	HONOLULU ZOO	Honolulu Zoo, HI	1	1	0	16.09.2004
	KANSAS CITY ZOO	Kansas City Zoological Gardens, Kansas City, MO	2	3	0	25.06.2004
	LANSING POTTER	Potter Park Zoo Lansing, MI	1	1	0	12.07.2002
	LITTLE ROCK ZOO	Little Rock Zoo Little Rock, AR	1	0	0	13.08.2004
	MIAMI METROZOO	Miami, FL	2	1	0	11.10.2004
	OKLAHOMA CITY	Oklahoma City Zoological Park Oklahoma City, OK	1	1	0	09.07.2003
	PEACE RV REFUGE	Peace River Center for the Conservation of Tropical Ungulates Mr. John Wortman Director/Administration Arcadia, FL (formerly Peace River Refuge)	2	2	0	23.02.2005
	PITTSBURGH ZOO	Pittsburgh Zoo Pittsburgh, PA	1	1	0	05.07.2004

Eastern Black rhinoceros - *Diceros bicornis michaeli*

INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N

Continent	Country/ Institution	name/address of institution	M	F	U	status
<b>NORTH A M E R I C A</b>						
	<b>U S A</b>					
	PORTLAND OREGON	Oregon Zoo Portland,OR	1	1	0	16.12.2003
	RACINE ZOO	Racine Zoological Garden, Racine, WI	1	1	0	27.09.2004
	SAN ANTONIO ZOO	San Antonio Zoological Gardens and Aquarium San Antonio, TX	2	1	0	19.08.2004
	SAN DIEGO WAP	San Diego Wild Animal Park Escondido, CA	2	1	0	18.08.2004
	SAN FRANCISCO	San Francisco Zoological Gardens San Francisco, CA	1	1	0	22.07.2003
	SEDGWICHT WICHIT	Sedgwick County Zoo Wichita, KS	1	2	0	22.12.2004
	SIoux FALLS GPZ	Great Plains Zoo Sioux Falls, SD	1	1	0	28.08.2003
	ST LOUIS ZOO	St Louis Zoological Park St. Louis, MO	1	1	0	14.11.2003
	<b>total USA</b>		<b>40</b>	<b>31</b>	<b>0</b>	<b>71</b>
	<b>World population</b>		<b>91</b>	<b>114</b>	<b>5</b>	<b>210michael</b>

Southern Black rhinoceros - *Diceros bicornis minor*

INSTITUTIONS by CONTINENTS - CURRENT LIVING POPULATION

Continent	Country/ Institution	name/address of institution	M	F	U	status
<b>AFRICA</b>						
	South - Zimbabwe DAMBARI RHI CTR	Dambari Wildlife Trust Director K. V. J. Wilson POB 1057 Bulawayo - ZBW fax: 263972187 status 15.07.1999- Dr. Tom Foose, USA BUL no response to status inquiries	1	3	0	unknown
	LOC UNKN S AFR	Dambari sold to unkn see above	1	1	0	
	PRETORIA ZOO	National Zoological Gardens of SA Dr. F. R. Schoeman Head: Animal Data Bank Deputy Director Conservation PO Box 754 Pretoria 0001 - RSA zoologic@cis.co.za	1	0	0	23.08.2004
	PRETORIA Z POTG	Potgietersrus Game Breeding Centre Western Transvaal	2	2	1	as above
total Africa			5	6	1	12
<b>ASIA</b>						
	China-PR of PNY XIANGJIANG	Deputy Director Tui Jieil Guangzhou Panyu Xiangjian Safari Park 511430 Panyu City Guangzhou - PRC pyxjian@public.guangzhou.gd.cn	1	1	0	27.04.2001
total China			1	1	0	2

Southern Black rhinoceros - *Diceros bicornis minor*

## INSTITUTIONS by CONTINENTS - CURRENT LIVING POPULATION

Continent	Country/ Institution	name/address of institution	M	F	U	status
<b>A U S T R A L I A</b>						
		Mr. ANDREW THORNE Manager Life Sciences ASMP Black rhino species coordinator Western Plains Zoo Obley Road Dubbo, NSW 2830 athorne@zoo.nsw.gov.au				
	DUBBO WESTERN P	Western Plains Zoo Fiona Cameron Animal Records Officer fcameron@zoo.nsw.gov.au	5	6	0	28.12.2004
	SYDNEY TARONGA	Zoological Parks Board of Taronga Zoo Erna Walraven-Senior Curator POB 20 Mosman, NSW 2088 gcooper@zoo.nsw.gov.au	1	0	0	21.05.2004
<b>total Australia</b>			<b>6</b>	<b>6</b>	<b>0</b>	<b>12</b>
<b>E U R O P E</b>						
		Dr. med. vet. ANDREAS OCHS International Studbook Keeper- Black rhino EEP coordinator Zoologischer Garten Berlin AG Hardenbergplatz 8 D-10787 Berlin (Germany) a.ochs@zoo-berlin.de				
	Germany FRANKFURT/MAIN ZOO	Zool. Garten Frankfurt Director Dr. Ch. Schmidt Alfred-Brehm-Platz 16 D-80316 Frankfurt/Main christian.schmidt.zoo@stadt-frankfurt.de	1	1	0	08.06.2004
<b>total Europe</b>			<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>

Southern Black rhinoceros - *Diceros bicornis minor*

INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N

Continent	Country/ Institution	name/address of institution	M	F	U	status
<b>NORTH A M E R I C A</b>						
		THOMAS J. FOOSE, Ph.D. Program Director International Rhino Foundation (IRF) 20 Pen Mar Street Waynesboro, PA 17268 U S A lrftom@aol.com				
	<b>U S A</b>					
	DALLAS ZOO	Dallas Zoo Dallas, TX	3	1	0	03.02.2002
	DISNEY'S AN KGD	Disney's Animal Kingdom Lake Buena Vista, FL	3	1	0	22.03.2004
	EL COYOTE RANCH	Kingsville, TX main office: Fort Worth, TX	4	6	0	28.07.2004
	FORT WORTH ZOO	Fort Worth Zoological Park Fort Worth, TX	2	1	0	08.08.2004
	FOSSILR GLNROSE	Fossil Rim Wildlife Ctr Glen Rose, TX	2	3	0	03.08.2004
	MILWAUKEE ZOO	Milwaukee County Zoological Gardens Milwaukee, WI	1	2	0	01.03.2003
	PEACE RV REFUGE	Peace River Center for the Conservation of Tropical Ungulates Mr. John Wortman Director/Administration Arcadia, FL (formerly Peace River Refuge)	1	2	0	23.02.2005
	YULEE WHITE OAK	White Oak Conservation Center Yulee, FL	5	2	0	13.04.2004
	total USA		21	18	0	39
	World population		34	32	1	67 minor
			91	114	5	210 michael
			34	32	1	67 minor
	<b>TOTAL world population</b>		<b>125</b>	<b>146</b>	<b>6</b>	<b>277</b>

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

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**Summary**

**births - mortality rate - imports**

**between 01.01.2001 and 31.12.2004**

*Diceros bicornis michaeli* and  
*Diceros bicornis minor*

**Zusammenfassung**

**Geburten - Todesrate - Importe**

**für den Zeitraum ab 01.01.2001 bis 31.12.2004**

Black rhinoceros - *Diceros bicornis*

SUMMARY - BIRTHS and MORTALITY rate between 01.01.2001 and 31.12.2004

Continent	Year of BIRTH	michaeli	minor	Continent	Year of DEATH	michaeli	minor
Africa	2001	0.1.0	0.0.0	Africa	2001	0.0.0	0.0.0
	2002	2.1.1	0.1.0		2002	1.0.1	0.0.0
	2003	1.1.3	0.0.0		2003	0.1.0	0.0.0
	2004	0.1.2	0.0.0		2004	0.2.0**	0.3.0**
						1.2.0**	
Asia	2001	1.1.0	0.0.0	Asia	2001	0.0.0	0.0.0
	2002	2.2.0	0.0.0		2002	0.2.0	0.0.0
	2003	0.0.0	0.0.0		2003	0.0.0	2.2.0**
	2004	0.0.0	0.0.0		2004	0.0.0	0.0.0
Australasia	2001	0.0.0	0.0.0	Australasia	2001	0.0.0	0.0.0
	2002	0.0.0	0.2.0		2002	0.0.0	0.1.0
	2003	0.0.0	1.1.0		2003	0.0.0	0.1.0
	2004	0.0.0	2.0.0		2004	0.0.0	0.0.0
Europe	2001	2.3.0	0.1.0	Europe	2001	1.2.0	0.2.0*
	2002	2.4.0	0.0.0		2002	0.1.0	0.0.0
	2003	0.2.0	0.0.0		2003	1.1.0	0.0.0
	2004	0.1.0	0.0.0		2004	1.1.0**	0.1.0
						1.3.0	
North America	2001	3.2.0	3.1.0	North America	2001	3.4.0	0.2.0
	2002	1.1.0	1.0.0		2002	4.1.0	2.0.0
	2003	2.1.0	0.0.0		2003	0.0.0	1.1.0
	2004	3.2.0	0.0.0		2004	1.0.0	1.1.0
Central America	2001	0.0.0	0.0.0	Central America	2001	0.0.0	0.0.0
	2002	0.0.0	0.0.0		2002	1.0.0	0.0.0
	2003	0.0.0	0.0.0		2003	0.0.0	0.0.0
	2004	0.0.0	0.0.0		2004	0.0.0	0.0.0
total	26.29.6	19.23.6	7.6.0	total	21.34.1	15.20.1	6.14.0
births	61			deaths	56		
				removed	17	3.5.0	2.7.0
births	61			actual deaths	39	12.15.1	4.7.0

\*\* *minor* no response to status inquiries 2.5.0 - removed  
 \* *minor* Frankfurt Zoo introduction to WILD 0.2.0 - removed

\*\* *michaeli* no response to status inquiries 2.3.0 - removed  
 \*\* *michaeli* introduction to wild 1.2.0 - removed

Black rhinoceros - *Diceros bicornis*

## SUMMARY - IMPORTS recorded between 01.01.2001 and 31.12.2004

Continent	Year of ARRIVAL	Sex	Year of death	Continent	Year of ARRIVAL	Sex	Year of death
<b>Africa</b>				<b>Africa</b>			
<i>michaeli</i>				<i>minor</i>			
2001	1914	1.0.0	1948	2001	1952	0.1.0	1953
	1924	0.1.0	1948		1996	1.0.0	2002**
2002		0.0.0		2002		0.0.0	
2003		0.0.0		2003	2002	1.0.0	alive*
2004		0.0.0		2004		0.0.0	
<b>Europe</b>				<b>Europe</b>			
2001		0.0.0		2001	1927	1.0.0	1945
2002	1960	1.0.0	1960	2002	1933	1.0.0	1933
2003		0.0.0		2003		0.0.0	
2004		0.0.0		2004		0.0.0	
<b>North America</b>				<b>North America</b>			
2001		0.0.0		2001		0.0.0	
2002	1948	0.1.0	1948	2002		0.0.0	
	1975	0.1.0	1975			0.0.0	
2003		0.0.0		2003		0.0.0	
2004		0.0.0		2004		0.0.0	
totals 10		2.3.0				4.1.0	

\*\* 1.0.0 was returned to owner in 2002 - no stubook participant-removed

\* 1.0.0 is alive at Pretoria Zoo

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

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**Age distribution in the  
African Black rhinoceros by continents**

**Africa - Asia - Australia,**

*Diceros bicornis michaelie*  
*Diceros bicornis minor*

**Europe - North America**

**Altersstruktur des  
afrikanischen Spitzmaulnashorns nach Kontinenten**

AGE DISTRIBUTION in the Black rhinoceros - *Diceros bicornis*

AGE	MALE	FEMALE	UNKN	AGE	MALE	FEMALE	UNKN
<i>ys -/+ michaeli</i>				<i>ys -/+ minor</i>			
<b>AFRICA</b>				<b>AFRICA</b>			
32	0	1	0	31+	0	1	0 0429*
31+	0	1	0	25	1	0	0 0476*
21+	1	0	0	19	1	2	0
20+	1	0	0	15	1	0	0 0906*
20	1	0	0	12+	0	1	0
19+	1	0	0	11+	1	0	0 0491*
18+	0	1	0	9+	1	0	0
17+	1	0	0	7	0	0	1 0790*
16+	0	1	0	6+	0	1	0
16	0	1	0	2+	0	1	0 0877*
15+	1	0	0				
14+	0	1	0				
13+	0	1	0				
12+	0	1	0				
9+	1	1	0				
8+	1	1	0				
6+	1	3	0				
5+	2	1	0				
4	0	2	0				
3+	0	2	0				
2+	2	1	0				
1+	1	0	0				
1	0	1	3				
1-	0	1	2				
<b>TOTAL</b>	<b>14</b>	<b>21</b>	<b>5</b>	<b>TOTAL</b>	<b>5</b>	<b>6</b>	<b>1</b>
Lewa Wildlife Conservancy				Pretoria 3.2.1*			
<b>ASIA</b>				<b>ASIA</b>			
38	0	1	0	8	0	1	0
37	1	0	0	7	1	0	0
32+	0	1	0				
25+	0	1	0F Twn				
22	1	0	0				
21+	1	0	0M India				
20+	0	1	0F Twn				
18+	0	1	0				
16+	1	1	0				
14+	0	1	0				
14	1	0	0				
13+	1	0	0				
11+	0	1	0				
10+	0	1	0				
9	0	1	0				
8+	0	1	0F India				
6+	0	1	0				
5+	0	1	0				
4+	1	1	0				
3+	1	1	0				
2+	1	0	0				
2	1	0	0				
	10	12	0 Japan				
<b>TOTAL</b>	<b>11</b>	<b>15</b>	<b>0</b>	<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>0 China</b>

AGE DISTRIBUTION in the Black rhinoceros - *Diceros bicornis*

AGE	MALE	FEMALE	UNKN	AGE	MALE	FEMALE	UNKN
ys -/+				ys -/+			
<i>michaeli</i>				<i>minor</i>			

## AUSTRALIA

## AUSTRALIA

21	0	2	0
17	1	1	0
15	0	2	0
11+	2	0	0
3+	1	0	0
2+	0	1	0
1+	1	0	0
1-	1	0	0
<b>TOTAL</b>	<b>6</b>	<b>6</b>	<b>0</b>

## EUROPE

## EUROPE

18	1	1	0	FFT
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38	0	1	0
35	1	1	0
34	0	1	0
32	0	2	0
31	0	1	0
29	1	0	0
27	1	0	0
26+	0	1	0
25+	1	0	0
24+	1	0	0
23+	0	1	0
22+	1	0	0
21+	1	0	0
21	0	1	0
20	1	0	0
19+	0	1	0
18+	0	1	0
15+	0	3	0
15	0	1	0
14+	1	0	0
14	1	1	0
13+	2	2	0
13	1	1	0
12+	0	1	0
11+	1	2	0
10+	1	1	0
10	1	0	0
9+	1	2	0
8+	2	3	0
7+	0	4	0
7	0	1	0
6+	0	2	0
5+	1	2	0
5	1	0	0
4+	0	2	0
3+	1	1	0
3	1	0	0
2+	2	3	0
2	0	1	0
1+	1	1	0
1-	0	2	0

<b>TOTAL</b>	<b>26</b>	<b>47</b>	<b>0</b>
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<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>0</b>	Germany
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continued next page

AGE DISTRIBUTION in the Black rhinoceros - *Diceros bicornis*

AGE	MALE	FEMALE	UNKN	AGE	MALE	FEMALE	UNKN
<i>ys -/+</i>				<i>ys -/+</i>			
<i>michaeli</i>				<i>minor</i>			
<b>NORTH AMERICA</b>				<b>NORTH AMERICA</b>			
36	0	1	0	33	0	1	0
34	0	1	0	28	0	1	0
30	1	0	0	25	0	1	0
29+	0	1	0	23	0	1	0
27+	1	0	0	22	1	0	0
26	1	0	0	21+	0	1	0
24+	2	0	0	20	1	1	0
23+	0	1	0	19	1	1	0
23	1	0	0	17	1	0	0
22+	0	1	0	15+	0	2	0
21+	1	2	0	14+	1	0	0
19+	0	2	0	13+	0	1	0
18+	3	2	0	11+	0	1	0
17+	3	0	0	10+	2	0	0
16+	0	1	0	8+	2	2	0
16	0	2	0	7+	4	1	0
15+	1	1	0	6+	0	1	0
14+	1	1	0	6	1	0	0
13+	1	0	0	5+	0	1	0
13	1	0	0	4+	1	1	0
12+	1	0	0	3+	3	1	0
11+	4	1	0	2+	2	0	0
11	1	2	0	1-	1	0	0
9+	3	2	0				
8+	1	0	0				
7+	3	1	0				
6+	0	3	0				
5	1	0	0				
4+	2	3	0				
3+	1	1	0				
2+	1	0	0				
1+	2	1	0				
1-	3	2	0				
<b>TOTAL</b>	<b>40</b>	<b>31</b>	<b>0</b>		<b>21</b>	<b>18</b>	<b>0</b>

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

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**World living population**

in *Diceros bicornis michaeli* - minor

**by continents**

**Africa - Asia - Australia - Europe - North America**

**Welt-Lebendbestand nach Kontinenten**

Compiled by Hannelore Mercado

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>AFRICA</b>											
East Africa - Kenya											
LEWA WLDLF CONS (14.21. 5)											
0800	M	WILD	WILD	LWC 09	2.7.1	01/08/84 05/08/84	KNY MWEIGA REG (WB) LEWA WLDLF CONS (TF)	[0 GEN] Kelele	<i>michaeli</i> 2ms	unkn 2510	0.000
0803	F	WILD	WILD	LWC 12	2.4.0	10/01/73? 01/01/78 10/08/84	KNY KIBWEZI REG (WB) SOLIO RANCH KNY (TF) LEWA WLDLF CONS (TF)	[0 GEN] Stumpy Stumpy est.11.7ys	<i>michaeli</i>	unkn unkn 2504	0.000
0804	F	UNKN	UNKN	LWC 13	0.6.1	01/01/73 01/10/84	SOLIO RANCH KNY (B) LEWA WLDLF CONS (TF)	[1st?GEN] Solio Solio	<i>michaeli</i>	unkn 2505	
0811	F	0795	0802	LWC 20	1.2.1	28/08/88	LEWA WLDLF CONS (B)	[1st GEN] Juniper Juno's 1st calf	<i>michaeli</i>	2509	0.000
0813	F	0795	0804	LWC 22	2.1.1	09/03/88	LEWA WLDLF CONS (B)	[2nd GEN] Zaria Solio's 2nd calf	<i>michaeli</i>	2514	0.000
0814	F	WILD	WILD	LWC 23	1.1.2	01/07/88 31/10/88 01/02/89	KNY NAKURU NP (WB) SOLIO RANCH KNY (TF) LEWA WLDLF CONS (TF)	[0 GEN] Mawingo Mawingo 7ms is partially blind	<i>michaeli</i>	unkn unkn 507	0.000
0815	F	0800	0804	LWC 24	1.1.0	23/08/91	LEWA WLDLF CONS (B)	[2nd GEN] Sonia Solio's 3rd calf	<i>michaeli</i>	2516	0.000
0816	F	0800	0803	LWC 25	2.0.0	01/12/91	LEWA WLDLF CONS (B)	[1st GEN] Nyota Stumpy's 2nd calf	<i>michaeli</i>	2517	0.000
0819	M	UNKN	UNKN	LWC 28	2.1.3	19/06/87 23/09/93	OL-JOGI RCH KNY (B) LEWA WLDLF CONS (TF)	[1st GEN] Amuri Amuri parents: 01Jogi/MamaKali(WB)	<i>michaeli</i>	unkn 3508	0.000
0821	M	UNKN	UNKN	LWC 30	0.0.1	04/05/85 23/09/93	OL-JOGI RCH KNY (B) LEWA WLDLF CONS (TF)	[1st GEN] Ibong Ibong parents: 01Jogi/MamaKali(WB)	<i>michaeli</i>	unkn 3507	0.000
0835	M	UNKN	UNKN	LWC 31	0.1.0	11/10/83 23/09/93	OL-JOGI RCH KNY (B) LEWA WLDLF CONS (TF)	[1st GEN] James James parents: 01Jogi/MamaKali(WB)	<i>michaeli</i>	unkn 3506	0.000
0824	M	UNKN	UNKN	LWC 34	3.4.2	01/01/84 01/01/86 02/02/94	SOLIO RANCH KNY (B) OL-JOGI RCH KNY (TF) LEWA WLDLF CONS (TF)	[1st?GEN] Melita Melita Melita	<i>michaeli</i>	unkn unkn 2524	

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>AFRICA</b>												
East Africa - Kenya												
LEWA WLDLF CONS (14.21. 5)												
0825	F	UNKN	UNKN	LWC 35	0.2.0	01/01/90 02/02/94	SOLIO RANCH KNY (B) LEWA WLDLF CONS (TF)		[1st?GEN] Ndito Ndito	<i>michaeli</i>	unkn 2523	
0827	M	UNKN	UNKN	LWC 37	2.1.0	01/01/89 01/01/91 22/03/94	SOLIO RANCH KNY (B) OL-JOGI RCH KNY (TF) LEWA WLDLF CONS (TF)		[1st?GEN] Mutane Mutane Mutane	<i>michaeli</i>	unkn unkn 2525	
0829	F	0800	0804	LWC 39	1.0.1	04/06/95	LEWA WLDLF CONS (B)		[2nd GEN] Waiwai Solio's 4th calf	<i>michaeli</i>	2528	0.000
0830	M	0800	0803	LWC 40	0.0.0	09/10/95	LEWA WLDLF CONS (B)		[1st GEN] Stella Stumpy's 3rd calf	<i>michaeli</i>	2529	0.000
0831	F	0801	0811	LWC 41	0.0.1	25/01/96	LEWA WLDLF CONS (B)		[2nd GEN] Meluaya Juniper's 1st calf	<i>michaeli</i>	2530	0.000
0832	M	0824	0813	LWC 42	0.0.0	04/06/96	LEWA WLDLF CONS (B)		[3rd GEN] Lucky Zaria's 1st calf	<i>michaeli</i>	2531	0.000
0836	F	0800	0804	LWC 45	0.0.0	26/06/98	LEWA WLDLF CONS (B)		[2nd GEN] Solio's Calfs-NATUMI	<i>michaeli</i>	2536	0.000
0837	F	0800	0803	LWC 46	0.0.0	16/07/98	LEWA WLDLF CONS (B)		[1st GEN] Stumpy's Calf4-NASHAMI	<i>michaeli</i>	2533	0.000
0838	F	0824	0815	LWC 47	0.0.0	10/09/98	LEWA WLDLF CONS (B)		[3rd GEN] Samia Sonia's 1st calf	<i>michaeli</i>	2534	0.000
0839	M	0824	0813	LWC 48	0.0.0	15/09/98	LEWA WLDLF CONS (B)		[3rd GEN] Zaria's Calf2-NGURUNET	<i>michaeli</i>	2535	0.000
0840	M	0819	0811	LWC 49	0.0.0	23/04/99	LEWA WLDLF CONS (B)		[2nd GEN] Juniper's Calf2-BATIRA	<i>michaeli</i>	2537	0.000
0841	F	0835	0825	LWC 50	0.0.0	26/04/99	LEWA WLDLF CONS (B)		[2nd GEN] Ndito's Calf1-SEIYA	<i>michaeli</i>	2538	0.000
0842	M	0827	0816	LWC 51	0.0.0	23/09/99	LEWA WLDLF CONS (B)		[2nd GEN] Nyota's Calf1-SERO	<i>michaeli</i>	2539	0.000
0850	F	0824	0813	LWC 53	0.0.0	09/10/00	LEWA WLDLF CONS (B)		[3rd GEN] Zaria's Calf3	<i>michaeli</i>	2541	0.000
0851	F	0800	0803	LWC 54	0.0.0	10/10/00	LEWA WLDLF CONS (B)		[1st GEN] Stumpy's Calf5-TANA	<i>michaeli</i>	2542	0.000

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>AFRICA</b>												
East Africa - Kenya												
LEWA WLDLF CONS (14.21. 5)												
0852	F	0800	0804	LWC 55	0.0.0	07/11/00	LEWA WLDLF CONS (B)		[2nd GEN] Nasha Solio's 6th calf	michaeli	2543	0.000
0875	F	0819	0811	LWC 56	0.0.0	16/08/01	LEWA WLDLF CONS (B)		[2nd GEN] Rhinotek Juniper's 3rd calf	michaeli	2544	0.000
0880	M	0819	0829	LWC 57	0.0.0	13/06/02	LEWA WLDLF CONS (B)		[3rd GEN] Waiwai's Calf1-MAXX	michaeli	2545	0.000
0894	M	0827	0816	LWC 58	0.0.0	22/06/02	LEWA WLDLF CONS (B)		[2nd GEN] Nyota's Calf2-FOLLY	michaeli	2546	0.000
0896	F	0824	0825	LWC 60	0.0.0	22/07/02	LEWA WLDLF CONS (B)		[2nd GEN] Ndito's Calf2-MAMA C	michaeli	2548	0.000
0902	M	0824	0815	LWC 81	0.0.0	09/05/03	LEWA WLDLF CONS (B)		[3rd GEN] Sparta Sonia's 2nd calf	michaeli	2549	0.000
0915	F	0827	0803	LWC 62	0.0.0	03/10/03	LEWA WLDLF CONS (B)		[2nd GEN] Junkie Stumpy's 6th calf	michaeli	2552	0.000
0916	U	0821	0813	LWC 63	0.0.0	08/10/03	LEWA WLDLF CONS (B)		[3rd GEN] Zaria's Calf4	michaeli	2551	0.000
0917	U	0819	0804	LWC 64	0.0.0	07/10/03	LEWA WLDLF CONS (B)		[2nd GEN] Sala Solio's 7th calf	michaeli	2550	0.000
0918	U	0819	0811	LWC 65	0.0.0	14/10/03	LEWA WLDLF CONS (B)		[2nd GEN] Jazz Juniper's 4th calf	michaeli	2553	0.000
0919	F	0824	0814	LWC 66	0.0.0	01/05/04	LEWA WLDLF CONS (B)		[2nd GEN] HR-Mawingo's Calf4	michaeli	2554	0.000
0920	U	0824	0831	LWC 67	0.0.0	05/06/04	LEWA WLDLF CONS (B)		[3rd GEN] Meluaya's 1st calf	michaeli	pending	0.000
0921	U	0824	0829	LWC 68	0.0.0	09/08/04	LEWA WLDLF CONS (B)	1st?GEN	[3rd GEN] Waiwai's 2nd calf	michaeli	pending	0.000
status 18.08.2004												

Asia next page

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>ASIA</b>												
China RP of - Taiwan												
TAIPEI ZOO ( 0. 2. 0)												
0284	F	0182	0181	HIR 05	1.1.0	12/09/79	HIROSHIMA ASA Z (B)		[1st GEN] Nami	<i>michaeli</i>	none	0.000
						07/04/87	IAE TOKYO JAPAN (P)		Nami		unkn	
						13/04/87	TAIPEI ZOO (P)		SHI NI		1893	
0354	F	0182	0181	HIR 08	0.0.0	09/08/84	HIROSHIMA ASA Z (B)		[1st GEN] Sachi	<i>michaeli</i>	none	0.000
						15/10/86	IAE TOKYO JAPAN (P)		Sachi		unkn	
						21/10/86	TAIPEI ZOO (P)		SHI CHYI		1895	
status 26.07.2000-no response to status inquiries												
India												
MYSORE SCZG ( 1. 1. 0)												
0525	M	0086	0087	MYS 06	0.1.0	03/05/83	MYSORE SCZG (B)		[1st GEN] Gajendra or Rajendra	<i>michaeli</i>	830005	0.000
0690	F	0525	0224	MYS 09	0.0.0	10/09/96	MYSORE SCZG (B)		[2nd GEN] Priya	<i>michaeli</i>	960008	0.250
status 20.02.2004												
Japan												
HIROSHIMA ASA Z ( 4. 4. 0)												
0181	F	WILD	WILD	HIR 01	5.7.1	14/07/66	KNY EAST AFRICA (WB)		[0 GEN]	<i>michaeli</i>	none	0.000
						14/07/71	HIROSHIMA ASA Z (P)		Hana 5.0ys		none	
0182	M	WILD	WILD	HIR 02	7.9.1	14/07/67	KNY EAST AFRICA (WB)		[0 GEN]	<i>michaeli</i>	none	0.000
						14/07/71	HIROSHIMA ASA Z (P)		Kuro 4.0ys		none	
0492	F	0182	0181	HIR 13	1.2.0	26/07/93	HIROSHIMA ASA Z (B)		[1st GEN] Saki	<i>michaeli</i>	none	0.000
									0181-Hana's 11th offspring			
0493	F	0182	0374	HIR 14	1.0.0	04/01/94	HIROSHIMA ASA Z (B)		[2nd GEN] Iyo	<i>michaeli</i>	none	0.250
									0374-Ai's 1st offspring			
0443	M	0074	0213	SFO 13	2.1.0	30/07/91	SAN FRANCISCO (B)		[1st GEN] Hailstone	<i>michaeli</i>	191030	0.000
						01/03/94	HONOLULU ZOO (L)		Hailstone		940036	
						10/09/98	HONOLULU ZOO (P)		Hailstone		940036	
						12/03/99	IAE FERDALE (TF)		<shipper>		HAILSTONE	
						15/03/99	HIROSHIMA ASA Z (TD)		Hailstone		none	
									0213-Elly's 9th offspring			

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DOMINATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/S	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>ASIA</b>												
Japan												
HIROSHIMA ASA Z ( 4. 4. 0)												
0731	F	0182	0492	HIR 16	0.0.0	02/08/99	HIROSHIMA ASA Z (B)		[2nd GEN] Honey 0492-Saki's 1st offspring	michaeli	none	0.250
0866	M	0443	0492	HIR 18	0.0.0	18/08/01	HIROSHIMA ASA Z (B)		[2nd GEN] Crag 0492-Saki's 2nd offspring	michaeli	none	0.000
0876	M	0443	0493	HIR 19	0.0.0	11/01/02	HIROSHIMA ASA Z (B)		[3rd GEN] Storm 0493-Iyo's 1st offspring	michaeli	none	0.000
HITACHI KAMINE ( 1. 2. 0)												
0434	F	0323	0185	HIT 08	1.3.0	08/06/90	HITACHI KAMINE (B)		[1st GEN] Waki 0185-Barbara's 7th offspring	michaeli	none	0.000
0472	M	0259	0202	MIA 08	1.3.0	10/11/90	MIAMI METROZOO (B)		[2nd GEN] Tonka	michaeli	M01342	0.000
						17/08/93	IAE PT CLINTON (P)		Tonka		42095	
						20/08/93	HITACHI KAMINE (P)		METRO 0202-Cora's 4th offspring		none	
0712	F	0472	0434	HIT 09	0.0.0	21/05/98	HITACHI KAMINE (B)		[3rd GEN] May 0434-Maki's 1st offspring	michaeli	none	0.000
NAGOYA HIGASHIY ( 1. 1. 0)												
0374	F	0182	0181	HIR 10	1.1.0	10/09/86	HIROSHIMA ASA Z (B)		[1st GEN] Ai	michaeli	none	0.000
						27/10/95	NAGOYA HIGASHIY (L)		Ai 0181-Hana's 7th offspring		none	
0593	M	0182	0374	NGO 11	0.0.0	24/01/96	NAGOYA HIGASHIY (B)		[2nd GEN] Nyiru 0374-Ai's 2nd offspring	michaeli	none	0.250
OSAKA TENNOJI Z ( 1. 1. 0)												
0183	F	0184	0185	OSA 06	4.3.0	01/02/72	OSAKA TENNOJI Z (B)		[1st GEN] O6-Satchan 0185-Barbara's 1st offspring	michaeli	394	0.000

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>ASIA</b>												
Japan												
OSAKA TENNOJI Z ( 1. 1. 0 )												
0346	M	0182	0181	HIR 07	3.3.0	30/10/82 18/09/89	HIROSHIMA ASA Z (B) OSAKA TENNOJI Z (TD)		[1st GEN] Tommy 09-Tommy 0181-Hana's 5th offspring	<i>michaeli</i>	none 397	0.000
SHIRAHAMA AD WD ( 0. 1. 0 )												
0867	F	0346	0183	OSA 12	0.0.0	05/09/01 17/11/03	OSAKA TENNOJI Z (B) SHIRAHAMA AD WD (L)		[2nd GEN] 14-Sally Sally 0183-Satchan's 5th offspring	<i>michaeli</i>	unkn none	0.000
TOKYO UENO ZOO ( 1. 1. 0 )												
0561	F	0420	0421	KAN 01	0.0.0	30/10/95 08/03/99	YOKOHA KANAZAWA (B) TOKYO UENO ZOO (L)		[2nd GEN] Argo Argo 0421-Lora's 1st offspring	<i>michaeli</i>	561 924084	0.000
0776	M	0472	0434	HIT 10	0.0.0	17/02/00 18/06/01	HITACHI KAMINE (B) TOKYO UENO ZOO (L)		[3rd GEN] Maro Maro 0434-Maki's 2nd offspring	<i>michaeli</i>	none 925259	0.000
TOBE ZOO EHIME ( 0. 1. 0 )												
0880	F	0420	0421	KAN 03	0.0.0	26/09/00 06/01/05	YOKOHA KANAZAWA (B) TOBE ZOO EHIME (L)		[2nd GEN] Coo Coo	<i>michaeli</i>	860 none	0.000
YOKOHA KANAZAWA ( 2. 1. 0 )												
0421	F	0323	0185	HIT 07	2.3.0	21/08/88 08/01/91	HITACHI KAMINE (B) YOKOHA KANAZAWA (P)		[1st GEN] Lora Lora 0185-Barbara's 5th offspring	<i>michaeli</i>	none 421	0.000
0420	M	0182	0181	HIR 11	2.3.0	24/07/88 09/10/92	HIROSHIMA ASA Z (B) YOKOHA KANAZAWA (L)		[1st GEN] Ron Ron 0181-Hana's 8th offspring	<i>michaeli</i>	none 420	0.000
0901	M	0420	0421	KAN 04	0.0.0	05/10/02	YOKOHA KANAZAWA (B)		[2nd GEN] Dio 0421-Lora's 4th offspring	<i>michaeli</i>	901	0.000
Japan: Mr. Haruo Otsu-Black rhino coordinator-status									05.12.2003			

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN	0?GEN	BIRTH TYPE UNKN	D	DONATION IN	TF	TRANSFER
				1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/\$	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>EUROPE</b>												
Czech Republic												
DVUR KRALOVE ( 5.10. 0)												
0175	F	WILD	WILD	DVU 07	3.3.0	20/02/70 22/08/71	KNY NR TSAVO NP (WB) DVUR KRALOVE (P)		[0 GEN] TG5-Jimmy-JIMMI	<i>michaeli</i>		0.000 058008
0268	M	0247	0180	CVG 10	4.4.0	03/11/77 13/11/78 15/11/78 17/11/78	CINCINNATI ZOO (B) ZEEHANDELAAR NY (TF) RUHE ALFELD-ZOO (P) DVUR KRALOVE (P)		[2nd GEN] Bubba <shipper> TG2-ISIS	<i>michaeli</i>	M14010 BUBBA none 058016	0.000
0282	F	0170	0217	DVU 15	2.4.0	05/07/78	DVUR KRALOVE (B)		[1st GEN] TG8-Sali	<i>michaeli</i>	058015	0.000
0283	M	0172	0175	DVU 16	1.7.0	18/03/79	DVUR KRALOVE (B)		[1st GEN] TG3-Jim	<i>michaeli</i>	058017	0.000
0387	F	0268	0175	DVU 18	2.2.0	08/12/84	DVUR KRALOVE (B)		[3rd GEN] TG10-Jessi	<i>michaeli</i>	058019	0.000
0540	M	0260	0282	DVU 29	0.1.0	26/10/94	DVUR KRALOVE (B)		[3rd GEN]TP00-05FE-0DEF-Sauron	<i>michaeli</i>	058032	0.000
0541	F	0277	0387	DVU 30	0.1.0	15/11/94	DVUR KRALOVE (B)		[4th GEN] Jiddah	<i>michaeli</i>	058033	0.000
0619	F	0260	0431	DVU 32	0.1.0	05/09/96	DVUR KRALOVE (B)		[4th GEN]TP00-01EE 6378-Elba	<i>michaeli</i>	058036	0.000
0676	F	0283	0282	DVU 33	0.0.0	20/08/97	DVUR KRALOVE (B)		[2nd GEN]TP00-0801-0048-Musso	<i>michaeli</i>	058037	0.000
0685	F	0277	0387	DVU 34	0.0.0	25/10/97	DVUR KRALOVE (B)		[4th GEN] Jola	<i>michaeli</i>	058038	0.000
0689	F	0268	0175	DVU 35	0.0.0	24/01/98	DVUR KRALOVE (B)		[3rd GEN]TP00-0215-0594-Jane Lee	<i>michaeli</i>	058039	0.000
0857	M	0283	0387	DVU 37	0.0.0	21/12/00	DVUR KRALOVE (B)		[4th GEN] Jeremy	<i>michaeli</i>	058041	0.000
0659	M	0534	0408	PTL 14	0.0.0	12/09/96 29/11/01	PORT LYMPNE DVUR KRALOVE (TD)		[2nd GEN] Mweru TP00-01D9-1D5E-Mweru	<i>michaeli</i>	P96037 058042	0.000
0898	F	0283	0619	DVU 39	0.0.0	02/11/02	DVUR KRALOVE (B)		[5th GEN] Ema	<i>michaeli</i>	058044	0.000
0924	F	0283	0451	DVU 40	0.0.0	11/09/04	DVUR KRALOVE (B)		[5th GEN] Deborah 0451-Jiddah's 1st offspring	<i>michaeli</i>	058045	0.000
status 13.09.2004												

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>EUROPE</b>											
<b>Estonia</b>											
TALLINN ZOO ( 1. 0. 0)											
0171	M	WILD	WILD	DVU 03	1.0.0	22/08/69	KNY NR TSAVO NP (WB)	[0 GEN]	<i>michaeli</i>		0.000
						22/08/71	DVUR KRALOVE (P)	Murray		058004	
						11/02/76	WROCLAW ZOO (P)	KEN		200140	
						02/10/80	DVUR KRALOVE (P)	Murray		058004	
						22/04/83	BRINK SOEST NL (TF)	<shipper>		MURRAY	
						23/04/83	ZURICH ZOO (P)	Murray		830016	
						12/09/88	TALLINN ZOO (L)	MURRY		9258	
status 01.02.2005											
<b>France</b>											
PONT-SCORFF ZOO ( 1. 0. 0)											
0438	M	0386	0387	DVU 23	0.0.0	23/06/91	DVUR KRALOVE (B)	[4th GEN] Jakob	<i>michaeli</i>	058024	0.125
						24/05/94	KREFELD ZOO (P)	Jakob		739	
						12/11/02	EKIPA LUTTEN NL (TF)	<shipper>		JACOB	
						13/11/02	PONT-SCORFF ZOO (L)	Jakob		pending	
status 15.09.2004											
<b>Germany</b>											
BERLIN ZOO ( 1. 6. 0)											
0220	F	WILD	WILD	DEM 03	0.5.0	01/01/74	KNY TANA RV DST (WB)	[0 GEN] E Afr	<i>michaeli</i>		0.000
						18/10/74	DEMME LANGATA (P)	Pk Kny		none	
						01/12/74	DEL GARDA ZOOPK (TF)	<Demmer>		none	
						19/10/75	BERLIN ZOO (P)	Kilaguni		750016	
0240	F	WILD	WILD	DEM 07	3.3.0	28/03/73	KNY TANA RV DST (WB)	[0 GEN] E Afr	<i>michaeli</i>		0.000
						28/03/75	DEMME LANGATA (P)	Pk Kny-cpt by Demmer		none	
						01/06/75	DEL GARDA ZOOPK (TF)	<Demmer>		none	
						06/05/77	BERLIN ZOO (P)	Mzima		770025	
0366	F	0219	0220	BE 06	0.2.0	06/10/86	BERLIN ZOO (B)	[1st GEN] Ine	<i>michaeli</i>	860038	0.000
0546	F	0347	0366	BE 13	0.0.0	14/06/95	BERLIN ZOO (B)	[2nd GEN] Kumi	<i>michaeli</i>	950206	0.125
0450	M	0268	0175	DVU 24	1.4.0	13/09/91	DVUR KRALOVE (B)	[3rd GEN] Jasper	<i>michaeli</i>	058025	0.000
						06/10/93	LEIPZIG ZOO (TD)	Jasper		M01312	
						05/11/99	BERLIN ZOO (L)	Jasper		990324	
						01/01/02	BERLIN ZOO (TD)	Jasper		990324	
0910	F	0450	0366	BE 17	0.0.0	02/11/03	BERLIN ZOO (B)	[4th GEN] Binti	<i>michaeli</i>	M21482	0.000

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF	
<b>EUROPE</b>												
Germany												
BERLIN ZOO ( 1. 6. 0)												
0886	F	0853	0295	MAG 07	0.0.0	03/08/02 07/07/04	MAGDEBURG ZOO BERLIN ZOO	(B) (L)	[2nd GEN] Maburi Maburi	<i>michaeli</i>	400008 BE17-A	0.000
status 31.12.2004												
COLOGNE ZOO ( 1. 1. 0)												
0532	F	0347	0220	BE 12	0.0.0	20/05/94 02/06/97	BERLIN ZOO COLOGNE ZOO	(B) (L)	[2nd GEN] Tisa Tisa	<i>michaeli</i>	940061 2250	0.000
0533	M	0349	0417	HAN 07	0.0.0	06/02/95 06/02/95 10/06/97	HANOVER ZOO ZURICH ZOO COLOGNE ZOO	(BL) (LO) (L)	[4th GEN] Taco Taco Taco	<i>michaeli</i>	IV220 950008 2251	0.000
status 26.02.2004												
DORTMUND ZOO ( 0. 1. 0)												
0454	F	0252	0150	ZRH 10	1.1.0	15/03/92 15/03/92 23/08/94	ZURICH ZOO FRANKFURT/M ZOO DORTMUND ZOO	(BL) (LO) (L)	[2nd GEN] Siwa Siwa Siwa	<i>michaeli</i>	920017 34393 081003	0.000
status 06.06.2002												
HANOVER ZOO ( 1. 2. 0)												
0349	M	0171	0150	ZRH 07	1.2.0	21/10/84 27/07/87 27/09/91	ZURICH ZOO FRANKFURT/M ZOO HANOVER ZOO	(B) (L) (L)	[2nd GEN] Kifaru Kifaru2 Kifaru	<i>michaeli</i>	840011 399 IV207	0.000
0417	F	0268	0282	DVU 21	1.2.0	01/10/89 04/09/91	DVUR KRALOVE HANOVER ZOO	(B) (P)	[3rd GEN] Sany Sany	<i>michaeli</i>	058022 IV206	0.000
0436	F	0166	0220	BE 10	0.1.0	07/02/91 07/02/91 23/09/93 14/10/03	BERLIN ZOO LEIPZIG ZOO LEIPZIG ZOO HANOVER ZOO	(BL) (LO) (R) (L)	[1st GEN] Saba Saba Saba Saba	<i>michaeli</i>	910034 M00447 M00447 IV311	0.000
status 02.04.2004												
KREFELD ZOO ( 1. 1. 0)												
0437	F	0166	0240	BE 11	0.0.0	04/04/91 01/10/93 26/05/94	BERLIN ZOO DVUR KRALOVE KREFELD ZOO	(B) (L) (P)	[1st GEN] Nane Nane Nane	<i>michaeli</i>	910035 058034 740	0.000

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	DAN	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOE
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## EUROPE

## Germany

KREFELD ZOO ( 1. 1. 0)

0528	M	0252	0217	ZRH 11	1.1.0	01/07/94	ZURICH ZOO	(B)	[2nd GEN] Usoni	<i>michaeli</i>	940006	0.000
						27/11/98	DORTMUND ZOO	(L)	Usoni		081004	
						30/10/03	KREFELD ZOO	(L)	Usoni		1572	

status 22.09.2004

LEIPZIG ZOO ( 1. 2. 0)

0743	F	0450	0481	LPZ 04	0.0.0	07/05/99	LEIPZIG ZOO	(B)	[4th GEN] Nandi	<i>michaeli</i>	M02619	0.083
0767	F	0450	0436	LPZ 05	0.0.0	10/01/00	LEIPZIG ZOO	(B)	[4th GEN] HR-Sarafine	<i>michaeli</i>	M02731	0.000
0610	M	0009	0240	BE 14	0.0.0	18/02/96	BERLIN ZOO	(B)	[1st GEN] Ndugu	<i>michaeli</i>	960019	0.000
						04/07/01	LEIPZIG ZOO	(L)	Ndugu		M03019	
						01/01/02	LEIPZIG ZOO	(TD)	Ndugu		M03019	

status 17.02.2004

MAGDEBURG ZOO ( 1. 3. 0)

0153	F	WILD	WILD	MAG 02	1.1.0	30/08/66	KNY EAST AFRICA	(WB)	[0 GEN]	<i>michaeli</i>		0.000
						22/07/70	RUHE ALFELD-ZOO	(P)	<importer>		none	
						30/08/70	MAGDEBURG ZOO	(TD)	Kenia		400002	
0295	F	0009	0153	MAG 04	0.2.0	15/09/81	MAGDEBURG ZOO	(B)	[1st GEN] Mana	<i>michaeli</i>	400004	0.000
0559	F	0386	0295	MAG 05	0.0.0	23/12/95	MAGDEBURG ZOO	(B)	[4th GEN] Maleika	<i>michaeli</i>	400006	0.000
0653	M	WILD	WILD	MAG 06	0.1.0	01/01/92	S AFR ADDO NP	(WB)	[0 GEN]	<i>michaeli</i>		0.000
						25/09/96	MAGDEBURG ZOO	(P)	Madiba		400007	

status 26.04.2004

## Switzerland

ZURICH ZOO ( 1. 3. 0)

0217	F	WILD	WILD	DVU 11	2.1.0	28/06/72	KNY ISIOLO REG	(WB)	[0 GEN] E Afr	<i>michaeli</i>		0.000
						28/06/74	DVUR KRALOVE	(P)	Sabi		058011	
						22/04/83	BRINK SOEST NL	(TF)	<shipper>		SABI	
						23/04/83	ZURICH ZOO	(P)	Sabi		830017	
0662	F	0252	0150	ZRH 12	0.0.0	03/07/96	ZURICH ZOO	(B)	[2nd GEN] Wanda	<i>michaeli</i>	960005	0.000

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>EUROPE</b>												
Switzerland												
ZURICH ZOO ( 1 . 3 . 0 )												
0318	M	0022	0019	WHI 09	2.3.0	04/10/82	LON-WHIPSNADE	(B)	[2nd GEN] Parky	<i>michaeli</i>	WH16	0.000
						02/05/84	CHESTER ZOO	(L)	Parky		1005	
						14/10/94	PORT LYMPNE	(L)	Parky		P94038	
						18/09/96	CHESTER ZOO	(L)	Parky		1005	
						02/10/98	ZURICH ZOO	(L)	Parky		980054	
0861	F	0349	0417	HAN 09	0.0.0	03/03/01	HANOVER ZOO	(BL)	[4th GEN] Samira	<i>michaeli</i>	1Y281	0.000
						03/03/01	ZURICH ZOO	(LO)	Samira		A10031	
						29/06/04	ZURICH ZOO	(R)	Samira		A10031	

status 06.07.2004

## United Kingdom

CHESTER ZOO ( 3 . 4 . 0 )												
0422	F	0252	0150	ZRH 08	0.1.0	07/03/89	ZURICH ZOO	(BL)	[2nd GEN] Pangani	<i>michaeli</i>	890018	0.000
						07/03/89	FRANKFURT/M ZOO	(LO)	Pangani		27707	
						13/11/92	CHESTER ZOO	(L)	Pangani		24808	
0680	F	0430	0422	CHE 08	0.0.0	16/06/97	CHESTER ZOO	(BL)	[3rd GEN] Kitani	<i>michaeli</i>	28489	0.125
						16/06/97	FRANKFURT/M ZOO	(LO)	Kitani		38492	
0453	M	0018	0019	PTL 07	0.0.0	18/10/90	PORT LYMPNE	(BL)	[1st GEN] KataKata	<i>michaeli</i>	P90002	0.000
						18/10/90	LON-REGENT'S PK	(LO)	KataKata		A1259	
						22/10/93	LON-REGENT'S PK	(R)	KataKata		A1259	
						22/10/93	LON-WHIPSNADE	(D)	KataKata		L2186	
						22/07/98	CHESTER ZOO	(L)	KataKata		26044	
0696	F	0430	0312	CHE 09	0.0.0	15/08/98	CHESTER ZOO	(B)	[3rd GEN] Manyara	<i>michaeli</i>	26055	0.000
0384	F	0018	0019	LON 14	0.0.0	24/11/86	LON-REGENT'S PK	(B)	[1st GEN] HR-RP	<i>michaeli</i>	A797	0.000
						09/08/00	CHESTER ZOO	(D)	8802-Rosie Rosie Sired at WHI		M00116	
0750	M	0346	0183	OSA 11	0.0.0	11/11/99	OSAKA TENNOJI Z	(B)	[2nd GEN] 13-Sammy	<i>michaeli</i>	401	0.000
						10/04/02	CHESTER ZOO	(L)	Sammy		C254	
0483	M	0142	0195	PTL 10	0.0.0	03/12/92	PORT LYMPNE	(B)	[3rd GEN] Baringo2	<i>michaeli</i>	P92105	0.000
						23/10/02	CHESTER ZOO	(L)	Baringo2		C2841	

status 19.07.2004

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN	0?GEN	BIRTH TYPE UNKN	D	DONATION IN	TF	TRANSFER
				1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCDEF
<b>EUROPE</b>												
Switzerland												
ZURICH ZOO ( 1. 3. 0)												
0318	M	0022	0019	WHI 09	2.3.0	04/10/82	LON-WHIPNADE	(B)	[2nd GEN] Parky	<i>michaeli</i>	WHI6	0.000
						02/05/84	CHESTER ZOO	(L)	Parky		1005	
						14/10/94	PORT LYMPNE	(L)	Parky		P94038	
						18/09/98	CHESTER ZOO	(L)	Parky		1005	
						02/10/98	ZURICH ZOO	(L)	Parky		980054	
0861	F	0349	0417	HAN 09	0.0.0	03/03/01	HANOVER ZOO	(BL)	[4th GEN] Samira	<i>michaeli</i>	IV281	0.000
						03/03/01	ZURICH ZOO	(LO)	Samira		A10031	
						29/06/04	ZURICH ZOO	(R)	Samira		A10031	
status 06.07.2004												
United Kingdom												
CHESTER ZOO ( 3. 4. 0)												
0422	F	0252	0150	ZRH 08	0.1.0	07/03/89	ZURICH ZOO	(BL)	[2nd GEN] Pangani	<i>michaeli</i>	890018	0.000
						07/03/89	FRANKFURT/M ZOO	(LO)	Pangani		27707	
						13/11/92	CHESTER ZOO	(L)	Pangani		24608	
0680	F	0430	0422	CHE 08	0.0.0	16/06/97	CHESTER ZOO	(BL)	[3rd GEN] Kitani	<i>michaeli</i>	28489	0.125
						16/06/97	FRANKFURT/M ZOO	(LO)	Kitani		38492	
0453	M	0018	0019	PTL 07	0.0.0	18/10/90	PORT LYMPNE	(BL)	[1st GEN] KataKata	<i>michaeli</i>	P90002	0.000
						18/10/90	LON-REGENT'S PK	(LO)	KataKata		A1259	
						22/10/93	LON-REGENT'S PK	(R)	KataKata		A1259	
						22/10/93	LON-WHIPNADE	(D)	KataKata		L2166	
						22/07/98	CHESTER ZOO	(L)	KataKata		26044	
0696	F	0430	0312	CHE 09	0.0.0	15/08/98	CHESTER ZOO	(B)	[3rd GEN] Manyara	<i>michaeli</i>	26055	0.000
0384	F	0018	0019	LON 14	0.0.0	24/11/88	LON-REGENT'S PK	(B)	[1st GEN] HR-RP	<i>michaeli</i>	A797	0.000
									8802-Rosie			
						09/08/00	CHESTER ZOO	(D)	Rosie		M00116	
									Sired at WHI			
0750	M	0346	0183	OSA 11	0.0.0	11/11/99	OSAKA TENNOJI Z	(B)	[2nd GEN] 13-Sammy	<i>michaeli</i>	401	0.000
						10/04/02	CHESTER ZOO	(L)	Sammy		C254	
0483	M	0142	0195	PTL 10	0.0.0	03/12/92	PORT LYMPNE	(B)	[3rd GEN] Baringo2	<i>michaeli</i>	P92105	0.000
						23/10/02	CHESTER ZOO	(L)	Baringo2		C2641	
status 19.07.2004												

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
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EUROPE

United Kingdom

LON-WHIPSNADE ( 1. 1. 0)

0430	M	0252	0217	ZRH 09	0.2.0	21/09/90 13/11/92 23/07/98	ZURICH ZOO CHESTER ZOO LON-WHIPSNADE	(B) (L) (L)	[2nd GEN] Quinto Quinto Quinto	<i>michaeli</i>	900015 24609 L3149	0.000
0676	F	0349	0417	HAN 08	0.0.0	04/09/97 26/08/03	HANOVER ZOO LON-WHIPSNADE	(B) (L)	[4th GEN] Saja or SAYA Saya	<i>michaeli</i>	1V230 662	0.000

#status 02.02.2004

PAIGNTON ZOO ( 1. 1. 0)

0341	M	0142	0195	PTL 03	2.2.0	02/10/83 21/07/95 09/07/96 16/01/03	PORT LYMPNE CHESTER ZOO PORT LYMPNE PAIGNTON ZOO	(B) (L) (R) (L)	[3rd GEN] Kingo Kingo Kingo R16/4-Kingo	<i>michaeli</i>	P83001 25165 P83001 4937	0.000
0428	F	0166	0298	BE 09	0.0.0	12/10/90 16/09/02 19/09/02	BERLIN ZOO INTERZOO GELSINK PAIGNTON ZOO	(B) (TF) (L)	[2nd GEN] Sita <shipper> R16/3-Sita	<i>michaeli</i>	900044 SITA 4741	0.000

#status 10.04.2003

PORT LYMPNE ( 7.12. 0)

0195	F	WILD	WILD	BEK 02	2.5.0	20/11/70 15/09/71 20/10/71 26/01/73	KNY EAST AFRICA DEMWER NAIROBI HOWLETTS BEKESB PORT LYMPNE	(WB) (P) (P) (D)	[0 GEN] <exporter> Rukwa Rukwa	<i>michaeli</i>	0.000 none H71007 P73003	
0342	F	0142	0194	PTL 04	0.2.0	11/11/83	PORT LYMPNE	(B)	[3rd GEN] Arusha	<i>michaeli</i>	P83002	0.000
0408	F	0018	0195	PTL 05	3.0.0	30/10/89	PORT LYMPNE	(B)	[1st GEN] N'Akuru	<i>michaeli</i>	P89001	0.000
0534	M	WILD	WILD	PTL 11	5.5.0	02/11/75 20/06/94 28/10/94 01/03/04	S AFR ADDO NP NATIONAL PKS BD PORT LYMPNE PORT LYMPNE	(WB) (TF) (L) (D)	[0 GEN]  Gareth Edwards Gareth Edwards	<i>michaeli</i>	0.000 unkn P94039 P94039	
0558	F	WILD	WILD	PTL 13	1.1.0	07/08/91 02/05/95 06/08/95	S AFR ADDO NP NATIONAL PKS BD PORT LYMPNE	(WB) (TF) (L)	[0 GEN]  Vuyu	<i>michaeli</i>	0.000 unkn P95039	
0455	F	0283	0244	DVU 26	1.1.0	08/12/92 16/11/95	DVUR KRALOVE PORT LYMPNE	(B) (P)	[2nd GEN] Etna Etna	<i>michaeli</i>	058027 P95047	0.000

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>EUROPE</b>												
United Kingdom												
PORT LYMPNE ( 7.12. 0)												
0863	F	0318	0195	PTL 15	0.0.0	21/12/96	PORT LYMPNE	(B)	[3rd GEN] Ruaha	<i>michaeli</i>	P96046	0.000
0714	M	0534	0194	PTL 19	0.0.0	09/02/99	PORT LYMPNE	(B)	[1st GEN] Magadi	<i>michaeli</i>	P99015	0.000
0754	F	0534	0342	PTL 20	0.0.0	21/06/99	PORT LYMPNE	(B)	[4th GEN] Rufiji	<i>michaeli</i>	P99052	0.000
0456	F	0283	0178	DVU 27	1.0.0	14/12/92 13/11/99	DVUR KRALOVE PORT LYMPNE	(B) (P)	[2nd GEN] Jaga Jaga	<i>michaeli</i>	058028 P99090	0.000
0888	F	0534	0195	PTL 23	0.0.0	30/07/01	PORT LYMPNE	(B)	[1st GEN] Solio	<i>michaeli</i>	P21025	0.000
0889	M	0341	0455	PTL 24	0.0.0	23/10/01	PORT LYMPNE	(B)	[4th GEN] Limpopo	<i>michaeli</i>	P21033	0.000
0890	M	0341	0558	PTL 25	0.0.0	08/11/01	PORT LYMPNE	(B)	[4th GEN] Vungu	<i>michaeli</i>	P21034	0.000
0762	F	0283	0282	DVU 36	0.0.0	25/01/00 27/11/01	DVUR KRALOVE PORT LYMPNE	(B) (TD)	[2nd GEN] Salome Salome	<i>michaeli</i>	058040 P21047	0.000
0891	F	0534	0456	PTL 26	0.0.0	09/03/02	PORT LYMPNE	(B)	[1st GEN] Laikipia	<i>michaeli</i>	P22007	0.000
0892	M	0534	0456	PTL 27	0.0.0	18/09/02	PORT LYMPNE	(B)	[3rd GEN] Manyara	<i>michaeli</i>	P22032	0.000
0302	M	0247	0180	CVG 12	1.0.0	07/08/80	CINCINNATI ZOO	(B)	[2nd GEN] Mwaniki- DUBBO	<i>michaeli</i>	M14019	0.000
						28/09/81	SAN DIEGO WAP	(L)	Mwaniki		681515	
						27/11/94	SCHROFF CHICAGO	(TF)	(shipper)		MWANIKI	
						29/11/94	DUBBO WESTERN P	(L)	Mwaniki		940168	
						27/10/02	PORT LYMPNE	(L)	Mwaniki		P22044	
0903	M	0534	0408	PTL 28	0.0.0	31/12/02	PORT LYMPNE	(B)	[2nd GEN] Zambez12	<i>michaeli</i>	P22080	0.000
0911	F	0391	0342	PTL 29	0.0.0	16/09/03	PORT LYMPNE	(B)	[4th GEN] Nyasa	<i>michaeli</i>	P20331	0.000
status 14.06.2004												

N America next page

## KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>												
<b>U S A</b>												
<b>ATLANTA ZOO ( 1. 1. 0)</b>												
0388	M	0268	0282	DVU 19	0.0.0	26/08/86	DVUR KRALOVE (B)	(B)	[3rd GEN] Sado	<i>michaeli</i>	058020	0.000
						15/10/89	ZEEHANDELAAR NY (TF)	(TF)	broker-shipper		SADO	
						18/10/89	ATLANTA ZOO (P)	(P)	BONA		891043	
0426	F	0074	0213	SFO 12	0.0.0	06/01/90	SAN FRANCISCO (B)	(B)	[1st GEN] Rosetta Stone	<i>michaeli</i>	190003	0.000
						20/11/90	NORTHLD WLDLIFE (TF)	(TF)	(shipper)			
						23/11/90	ATLANTA ZOO (L)	(L)	Rosetta Stone		901030	
						16/11/01	ATLANTA ZOO (D)	(D)	or ROSIE		901030	
status 23.09.2003												
<b>BATONROUG BAKER ( 1. 0. 0)</b>												
0682	M	0362	0359	TYL 03	0.0.0	26/07/97	CALDWELL TYLER (B)	(B)	[3rd GEN] Tatu	<i>michaeli</i>	104130	0.000
						26/07/97	CINCINNATI ZOO (LO)	(LO)	Tatu		197173	
						28/10/03	BATONROUG BAKER (L)	(L)	Tatu		9568	
status 18.06.2004												
<b>BIRMINGHM Z USA ( 1. 0. 0)</b>												
0564	M	0377	0213	SFO 15	0.0.0	16/01/97	SAN FRANCISCO (B)	(B)	[4th GEN] Ricko	<i>michaeli</i>	197001	0.000
						16/01/97	CINCINNATI ZOO (LO)	(LO)	Ricko		197004	
						18/09/98	PITTSBURGH ZOO (L)	(L)	Ricko		101489	
						06/11/03	BIRMINGHM Z USA (L)	(L)	Ricko		103023	
status 13.11.2003												
<b>BUSCH GDS TAMPA ( 3. 2. 0)</b>												
0418	F	0281	0055	DTT 12	1.1.0	23/03/89	DETROIT ZOO (BL)	(BL)	[2nd GEN] Jody	<i>michaeli</i>	2797	0.000
						23/03/89	OKLAHOMA CITY (LO)	(LO)	Jody		489918	
						11/08/90	BUSCH GDS TAMPA (L)	(L)	Jody		52154	
0517	F	0356	0418	TAM 08	1.0.0	21/12/94	BUSCH GDS TAMPA (B)	(B)	[3rd GEN] Jumatano	<i>michaeli</i>	58126	0.000
						21/12/94	OKLAHOMA CITY (LO)	(LO)	Jumatano		663223	
0518	M	0247	0225	CVG 19	0.0.0	09/12/94	CINCINNATI ZOO (BL)	(BL)	[1st GEN] Bwana Chai	<i>michaeli</i>	194207	0.000
						09/12/94	BUSCH GDS TAMPA (LO)	(LO)	Bwana Chai		58151	
						10/11/99	BUSCH GDS TAMPA (R)	(R)	Bwana Chai		58151	
0786	M	0432	0517	TAM 09	0.0.0	29/08/00	BUSCH GDS TAMPA (BL)	(BL)	[4th GEN] Gery	<i>michaeli</i>	61115	0.000
						29/08/00	DENVER ZOO (LO)	(LO)	Geryry		A00384	
0864	M	0432	0418	TAM 10	0.0.0	29/07/01	BUSCH GDS TAMPA (BL)	(BL)	[3rd GEN] Kayin	<i>michaeli</i>	61547	0.000
						29/07/01	DENVER ZOO (LO)	(LO)	Kayin		A01364	
status 25.08.2004												

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKG/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>												
<b>U S A</b>												
CALDWELL TYLER ( 2. 1. 0)												
0359	F	0169	0190	STA 07	3.2.0	01/02/86 21/07/87 21/07/87	SAN ANTONIO ZOO (B) CINCINNATI ZOO (TD) CALDWELL TYLER (L)		[2nd GEN] Crista Crista CHRISTA	<i>michaeli</i>	860200 M14058 001111	0.000
0292	M	0079	0293	GRB 05	9.0.1	11/12/79 06/03/81 11/03/81 25/05/83 11/04/85 22/10/88 10/05/01	GRANBY ZOO (B) MICHEN BRD FMS (P) SAN DIEGO ZOO (P) SAN DIEGO WAP (D) SAN DIEGO ZOO (D) SAN DIEGO WAP (D) CALDWELL TYLER (L)		[1st GEN] Cornelius Cornelius Cornelius Cornelius Cornelius Cornelius Cornelius	<i>michaeli</i>	790039 790039 181039 181039 181039 181039 104639	0.000
0899	M	0292	0359	TYL 05	0.0.0	06/01/03 06/01/03	CALDWELL TYLER (BL) CINCINNATI ZOO (LO)		[3rd GEN] Jumba Jumba	<i>michaeli</i>	104920 103006	0.000
status 27.02.2004												
CHICAGO BROOKFD ( 3. 2. 0)												
0365	F	0271	0235	CHI 12	2.1.0	18/01/85	CHICAGO BROOKFD (B)		[3rd GEN] Shima	<i>michaeli</i>	850006	0.000
0363	M	0247	0180	CVG 15	1.1.0	14/12/85 23/03/87	CINCINNATI ZOO (B) CHICAGO BROOKFD (L)		[2nd GEN] Kabisa Kabisa	<i>michaeli</i>	M14048 870051	0.000
0427	M	0292	0239	SDW 05	1.0.0	26/02/90 17/05/94	SAN DIEGO WAP (B) CHICAGO BROOKFD (L)		[3rd GEN] Nakili Nakili	<i>michaeli</i>	690073 940123	0.000
0706	F	0363	0365	CHI 18	0.0.0	15/05/98 15/05/98	CHICAGO BROOKFD (BL) CINCINNATI ZOO (LO)		[4th GEN] Kizuri-Beauty	<i>michaeli</i>	980091 198138	0.000
0907	M	0427	0365	CHI 19	0.0.0	19/09/03	CHICAGO BROOKFD (B)		[4th GEN] Kianga	<i>michaeli</i>	1525	0.000
status 09.10.2003												
CHICAGO LINCOLN ( 1. 1. 0)												
0362	M	0259	0202	MIA 04	2.2.0	11/03/86 15/09/88 15/04/03	MIAMI METROZOO (B) CALDWELL TYLER (P) CHICAGO LINCOLN (L)		[2nd GEN] Makuu Makuu Makuu	<i>michaeli</i>	M00568 001315 20763	0.000
0317	F	0056	0207	CVG 13	1.0.0	29/09/82 12/06/84 28/11/00 24/07/03	CINCINNATI ZOO (B) CHICAGO LINCOLN (L) CHICAGO BROOKFD (L) CHICAGO LINCOLN (L)		[1st GEN] Naivasha Naivasha Naivasha Naivasha	<i>michaeli</i>	M14028 7421 0388 7421	0.000
status 09.07.2003												

## KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>												
<b>U S A</b>												
CINCINNATI ZOO ( 1. 1. 0 )												
0225	F	WILD	WILD	TAM 02	5.3.0	23/07/88?	KNY EAST AFRICA (WB)		[0 GEN]	<i>michaeli</i>		0.000
						01/01/70	OKAHANJJA ZOO (P)		Schulz Inc-dt of cpt		none	
						24/07/71	BUSCH GDS TAMPA (P)		M325-Julie		15318	
						16/08/90	CINCINNATI ZOO (L)		Julie		190189	
0308	M	0074	0213	SFO 08	1.0.0	18/10/81	SAN FRANCISCO (B)		[1st GEN] Johnstone	<i>michaeli</i>	18154	0.000
						11/08/82	ZEEHANDELAAR NY (TF)		(shipper)			
						17/06/82	CHICAGO LINCOLN (L)		MARSHALL		6780	
						05/10/00	THE WILDS (L)		Marshall		MM1001	
						25/06/03	CINCINNATI ZOO (D)		Marshall		103096	

status 26.05.2004

CLEVELAND METRO ( 1. 2. 0 )												
0457	M	0247	0225	CVG 18	0.2.0	05/08/92	CINCINNATI ZOO (BL)		[1st GEN] Spike	<i>michaeli</i>	192160	0.000
						05/08/92	BUSCH GDS TAMPA (LO)		or ADIMU		56178	
						19/08/94	CINCINNATI ZOO (D)		Spike or Adimu		192160	
						19/08/94	CLEVELAND METRO (L)		Spike or Adimu		940846	
0683	F	WILD	WILD	CLE 03	0.2.0	02/07/93	S AFR ADDO NP (WB)		[0 GEN]	<i>michaeli</i>		0.000
						25/03/97	NATIONAL PKS BD (TF)		date of cpt		unkn	
						02/07/97	CLEVELAND METRO (L)		Inge		970703	

0904	F	0457	0683	CLE 05	0.0.0	02/08/03	CLEVELAND METRO (B)		[2nd GEN] Kibibi	<i>michaeli</i>	M30801	0.000
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status 18.08.2003

COLUMBUS POWELL ( 2. 1. 0 )												
0397	F	0247	0180	CVG 17	1.1.0	19/10/88	CINCINNATI ZOO (B)		[2nd GEN] Kulinda Kifaru	<i>michaeli</i>	M14066	0.000
						10/04/89	COLUMBUS POWELL (L)		Kulinda Kifaru		892021	
						30/10/96	THE WILDS (L)		Kulinda Kifaru		961005	
						23/09/98	COLUMBUS POWELL (L)		Kulinda Kifaru		892021	

0488	M	0271	0235	CHI 16	1.0.0	06/10/93	CHICAGO BROOKFD (B)		[3rd GEN] Kijito	<i>michaeli</i>	930208	0.000
						02/06/99	COLUMBUS POWELL (L)		Kijito		992029	

0870	M	0488	0397	POW 05	0.0.0	02/01/02	COLUMBUS POWELL (BL)		[4th GEN] Klyde	<i>michaeli</i>	202001	0.000
						02/01/02	CINCINNATI ZOO (LO)		Klyde		102001	

status 11.10.2004

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LD	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Blackrhinoceros - *Diceros bicornis michaeli*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>											
<b>U S A</b>											
DENVER ZOO ( 2. 1. 0)											
0332	M	0247	0180	CVG 14	2.1.0	11/01/83 13/07/84	CINCINNATI ZOO (B) DENVER ZOO (P)	[2nd GEN] Akeem GEORGE	<i>michaeli</i>	M14032 07986	0.000
0516	M	0161	0163	DEN 15	0.0.0	13/11/93	DENVER ZOO (B)	[2nd GEN] Mishindi	<i>michaeli</i>	930808	0.000
0331	F	0169	0190	STA 06	2.0.0	11/12/82 15/07/84 13/01/87 14/01/87 03/10/00	SAN ANTONIO ZOO (B) KANSAS CITY ZOO (P) SAN FRANCISCO (TD) CHEYENNE COLSPR (L) DENVER ZOO (L)	[2nd GEN] Holly- GERTRUDE Gertrude Gertrude SHY ANNE Shy Anne	<i>michaeli</i>	821209 101854 187002 870004 A00272	0.000
status 05.07.2004											
GARDENCTY LEE R ( 1. 0. 0)											
0419	M	0308	0317	CLP 01	0.0.0	21/05/89 21/05/89 31/07/90 01/08/90 22/03/94 11/10/94	CHICAGO LINCOLN (BL) CINCINNATI ZOO (LO) CATSKILL GM FM (TF) GARDENCTY LEE R (L) OKLAHOMA CITY (L) GARDENCTY LEE R (L)	[2nd GEN] Ahadi Ahadi-Promise Schulz Inc-shipper Ahadi-HOWDI Ahadi Ahadi-HOWDI	<i>michaeli</i>	8910 189050 AHADI 901070 641822 901070	0.000
status 29.12.2004											
HONOLULU ZOO ( 1. 1. 0)											
0372	M	0271	0235	CHI 13	0.0.0	11/12/86 22/10/88 10/03/99	CHICAGO BROOKFD (B) CALDWELL TYLER (L) HONOLULU ZOO (L)	[3rd GEN] Corky Corky Corky	<i>michaeli</i>	880310 001425 990042	0.000
0560	F	0182	0181	HIR 15	0.0.0	16/05/95 18/03/99 19/03/99	HIROSHIMA ASA Z (B) AIRPORT TOKYO (TF) HONOLULU ZOO (TD)	[1st GEN] Satsuki date of dpt Satsuki	<i>michaeli</i>	10109 SATSUKI 990050	0.000
status 16.09.2004											
KANSAS CITY ZOO ( 2. 3. 0)											
0475	M	0259	0202	MIA 11	1.0.0	11/02/93 05/04/95	MIAMI METROZOO (B) KANSAS CITY ZOO (P)	[2nd GEN] Tucker Tucker	<i>michaeli</i>	M01606 102680	0.000
0490	M	0301	0053	SCZ 04	0.2.0	16/08/93 01/11/95	SEDGWICK WICHT (B) KANSAS CITY ZOO (L)	[2nd GEN] Rudisha Rudisha-RUDI	<i>michaeli</i>	6199 102752	0.000
0684	F	WILD	WILD	KSC 05	0.2.0	03/10/93 01/03/97 03/07/97	S AFR ADDO NP (WB) NATIONAL PKS BD (TF) KANSAS CITY ZOO (P)	[0 GEN] date of cpt Luyisa	<i>michaeli</i>	unkn 97M052	0.000

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>												
U S A												
KANSAS CITY ZOO ( 2. 3. 0)												
0784	F	0490	0684	KSC 07	0.0.0	26/08/00	KANSAS CITY ZOO (B)		[3rd GEN] Kipenzi-KIFARU MALIKA	michaeli	M00086	0.000
0913	F	0490	0684	KSC 08	0.0.0	08/02/04	KANSAS CITY ZOO (BL)		[3rd GEN] Imara-Strong or Powerful	michaeli	M04003	0.000
						08/02/04	COLUMBUS POWELL (LO)		Imara		204026	
status 25.06.2004												
LANSING POTTER ( 1. 1. 0)												
0435	M	0292	0233	SDW 06	0.0.0	29/11/90	SAN DIEGO WAP (B)		[2nd GEN] Jinma	michaeli	690706	0.000
						13/05/94	JOHNSON BOERNE (TF)		Sf Enterprs TX		JINMA	
						18/05/94	LANSING POTTER (L)		Jinma		1882	
0489	F	0362	0359	TYL 01	0.0.0	30/05/93	CALDWELL TYLER (B)		[3rd GEN] Ebony	michaeli	002913	0.000
						30/06/94	LANSING POTTER (L)		RAFIKI		1894	
status 11.01.2005												
LITTLE ROCK ZOO ( 1. 0. 0)												
0542	M	0363	0365	CHI 17	0.0.0	10/03/95	CHICAGO BROOKFD (B)		[4th GEN] Johari	michaeli	950021	0.000
						28/11/96	LITTLE ROCK ZOO (L)		Johari		5181	
status 13.08.2004												
MIAMI METROZOO ( 2. 1. 0)												
0259	M	0182	0181	HIR 04	4.3.0	10/04/77	HIROSHIMA ASA Z (B)		[1st GEN] Toshi	michaeli	none	0.000
						01/11/83	ARITAKE T TOKYO (TF)		(shipper)		TOSHI	
						10/11/83	MIAMI METROZOO (P)		Toshi		M00208	
0351	F	0074	0213	SFO 10	3.2.0	24/06/86	SAN FRANCISCO (B)		[1st GEN] Moonstone	michaeli	185098	0.000
						13/01/87	LOS ANGELES ZOO (TD)		Moonstone		002840	
						15/03/87	MIAMI METROZOO (L)		Moonstone-KIBO		M00744	
0912	M	0395	0351	MIA 16	0.0.0	29/01/04	MIAMI METROZOO (B)		[2nd GEN] Suru	michaeli	M40003	0.000
									0351-Kibo's 5th offspring			
									51lbs at birth			
status 11.10.2004												

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		Q?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>												
<b>U S A</b>												
<b>OKLAHOMA CITY ( 1. 1. 0)</b>												
0294	F	0189	0190	STA 05	0.0.0	21/05/81	SAN ANTONIO ZOO (B)		[2nd GEN] no name	<i>michaeli</i>	811515	0.000
						23/07/82	CHICAGO LINCOLN (P)		Marsha		6798	
						10/09/99	OKLAHOMA CITY (L)		Marsha		763225	
						25/07/02	OKLAHOMA CITY (D)		Marsha		763225	
0459	M	0251	0212	STL 13	0.0.0	21/10/91	ST LOUIS ZOO (B)		[2nd GEN] Werikhe	<i>michaeli</i>	911060	0.000
						09/11/93	OKLAHOMA CITY (L)		Werikhe		632721	
status 09.07.2003												
<b>PEACE RV REFUGE ( 2. 2. 0)</b>												
0285	M	0199	0126	MEM 03	1.1.0	07/11/78	MEMPHIS ZOO (B)		[2nd GEN] Buck	<i>michaeli</i>	1666	0.000
						27/08/79	IAE GRD PRAIRIE (P)		Buck		3040	
						27/10/79	LOS ANGELES ZOO (L)		BUSTER		09850	
						15/06/81	LOS ANGELES ZOO (TD)		Buster		09850	
						11/04/02	PEACE RV REFUGE (L)		Buster		102024	
									death report received2005			
0745	M	0247	0225	CVG 20	0.0.0	17/10/99	CINCINNATI ZOO (B)		[1st GEN] Eddie	<i>michaeli</i>	199149	0.000
						12/12/02	PEACE RV REFUGE (L)		Eddie		102076	
						12/12/02	PEACE RV REFUGE (TD)		Eddie		102076	
0781	F	0381	0383	CRB 02	0.0.0	01/02/00	COLUMBIA RIVBKS (BL)		[4th GEN] Werikhe-CIRCE	<i>michaeli</i>	SJ1880	0.000
						01/02/00	LOS ANGELES ZOO (LO)		Circe		990150	
						08/06/02	PEACE RV REFUGE (L)		Circe		102044	
0383	F	0074	0213	SFO 11	1.1.0	02/07/88	SAN FRANCISCO (B)		[1st GEN] Gemstone	<i>michaeli</i>	188050	0.000
						13/12/89	IAE FERNDAL (TF)		(shipper)		GEMSTONE	
						19/12/89	MILWAUKEE ZOO (L)		PUNCHKA		3408	
						05/06/91	FOUTS JIM USA (TF)		(shipper)		GEMSTONE	
						06/06/91	COLUMBIA RIVBKS (L)		Gemstone		SJ1378	
						28/05/04	PEACE RV REFUGE (P)		Gemstone		104156	
status 23.02.2005												
<b>PITTSBURGH ZOO ( 1. 1. 0)</b>												
0569	M	0292	0233	SDW 08	0.0.0	22/07/95	SAN DIEGO WAP (BL)		[2nd GEN] HR-Jomo	<i>michaeli</i>	695401	0.000
						22/07/95	CHICAGO BROOKFD (LO)		Jomo		950196	
						16/08/96	PITTSBURGH ZOO (L)		Jomo		101114	
0785	F	0457	0683	CLE 04	0.0.0	31/08/00	CLEVELAND METRO (B)		[2nd GEN] Azizi	<i>michaeli</i>	MH0881	0.000
						29/06/04	PITTSBURGH ZOO (L)		Azizi		101890	
status 05.07.2004												

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		O?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>												
U S A												
PORTLAND OREGON ( 1. 1. 0)												
0376	M	0161	0163	DEN 11	0.1.0	07/05/87 27/06/88	DENVER ZOO PORTLAND OREGON	(B) (P)	[2nd GEN] Pete Pete	<i>michaeli</i>	10522 88036	0.000
0396	F	0271	0235	CHI 14	0.1.0	04/11/88 15/03/90	CHICAGO BROOKFD PORTLAND OREGON	(B) (L)	[3rd GEN] Miadi Miadi	<i>michaeli</i>	880388 90023	0.000
#status 16.12.2003												
RACINE ZOO ( 1. 1. 0)												
0775	M	0377	0213	SFO 17	0.0.0	09/04/00 09/04/00 12/06/02	SAN FRANCISCO CINCINNATI ZOO RACINE ZOO	(B) (LO) (L)	[4th GEN] Mojadoga Mojadoga Mojadoga	<i>michaeli</i>	100004 100029 M0226	0.000
0859	F	0473	0364	STA 08	0.0.0	26/01/01 12/06/03	SAN ANTONIO ZOO RACINE ZOO	(B) (L)	[4th GEN] Tattoo 365-Timu(mbano) Timu	<i>michaeli</i>	J01044 M0335	0.000
#status 27.09.2004												
SAN ANTONIO ZOO ( 2. 1. 0)												
0364	F	0056	0207	CVG 16	1.2.0	27/12/85 19/07/87	CINCINNATI ZOO SAN ANTONIO ZOO	(B) (TD)	[1st GEN] Sababu Sababu	<i>michaeli</i>	M14047 870793	0.000
0473	M	0110	0192	SD2 06	1.2.0	15/11/92 15/11/92 25/05/94 13/06/94 15/04/99	SAN DIEGO ZOO SEDGWICK WICHIT SEDGWICK WICHIT NY BRONX ZOO SAN ANTONIO ZOO	(BL) (LO) (R) (L) (L)	[3rd GEN] Werikhe Werikhe Werikhe Werikhe HERBIE-Werikhe	<i>michaeli</i>	592426 5652 5652 941093 990463	0.000
0922	M	0473	0364	STA 10	0.0.0	15/08/04 15/08/04	SAN ANTONIO ZOO SEDGWICK WICHIT	(BL) (LO)	[4th GEN] TW454- Utenzi-Energetic	<i>michaeli</i>	G04023 pending	0.000
#status 19.08.2004												
SAN DIEGO WAP ( 2. 1. 0)												
0665	M	0292	0233	SDW 10	1.0.0	25/02/97	SAN DIEGO WAP	(B)	[2nd GEN] Jambia	<i>michaeli</i>	697072	0.000
0708	F	0377	0213	SFO 16	1.0.0	16/07/98 10/07/00	SAN FRANCISCO SAN DIEGO WAP	(B) (L)	[4th GEN] Susan K Susan K	<i>michaeli</i>	198016 600441	0.000
0923	M	0665	0708	SDW 12	0.0.0	17/08/04 17/08/04	SAN DIEGO WAP SAN FRANCISCO	(BL) (LO)	[5th GEN] SDWAP10- Ajabu	<i>michaeli</i>	604306 pending	0.000
#status 18.08.2004												

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		O?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>											
<b>U S A</b>											
<b>SAN FRANCISCO ( 1. 1. 0)</b>											
0213	F	WILD	WILD SFO 04	8.6.0	01/01/71	N KNY MARSABIT (WB)		[0 GEN] Region	<i>michaeli</i>		0.000
					28/02/74	MT KNY GAME RCH (P)		Stanton Hugh-exporter		unkn	
					16/03/74	PT NOMBASA KNY (TF)		quarantine station-dpt			
					16/04/74	IAE FERNDAL (P)		(importer)		none	
					16/04/74	SAN FRANCISCO (P)		Eilly		17415	
0377	M	0302	0239 SDW 03	2.3.0	12/07/87	SAN DIEGO WAP (BL)		[3rd GEN] Mashaki	<i>michaeli</i>	687485	0.000
					12/07/87	CINCINNATI ZOO (LO)		Mashaki		M14063	
					05/01/90	SAN DIEGO ZOO (L)		Mashaki		687485	
					30/06/90	LANSING POTTER (L)		Mashaki		1304	
					13/04/94	SAN FRANCISCO (L)		GENE-Mashaki		194003	
					25/06/03	SAN FRANCISCO (D)		Mashaki		194003	
status 22.07.2003											
<b>SEDGWICK WICHIT ( 1. 2. 0)</b>											
0301	M	0056	0207 CVG 11	4.4.0	25/02/80	CINCINNATI ZOO (B)		[1st GEN] Eugene	<i>michaeli</i>	M14016	0.000
					23/06/81	IAE GRD PRAIRIE (TD)		6301-Eugene		M14016	
					25/06/81	SEDGWICK WICHIT (P)		BORA		779	
0711	F	0420	0421 KAN 02	0.1.0	26/01/98	YOKOHA KANAZAWA (BL)		[2nd GEN] Bibi	<i>michaeli</i>	711	0.000
					26/01/98	HIROSHIMA ASA 2 (LO)		Bibi		none	
					24/10/01	SOUTH-NORTH TRD (TF)				8181	
					25/10/01	SEDGWICK WICHIT (P)		Bibi(2)		9888	
0925	F	0301	0711 SCZ 08	0.0.0	05/11/04	SEDGWICK WICHIT (B)		[3rd GEN] Kati Rain	<i>michaeli</i>	10983	0.000
								0711-Bibi's 1st offspring			
status 30.12.2004											
<b>SIOUX FALLS GPZ ( 1. 1. 0)</b>											
0677	F	0376	0396 PTD 01	0.0.0	26/09/97	PORTLAND OREGON (BL)		[4th GEN] Imara	<i>michaeli</i>	97044	0.000
					26/09/97	CHICAGO BROOKFD (LO)		Imara		970279	
					30/06/99	SIOUX FALLS GPZ (L)		Imara		2332	
0636	M	0292	0330 SDW 09	0.0.0	06/10/96	SAN DIEGO WAP (BL)		[2nd GEN] Jubba	<i>michaeli</i>	696516	0.000
					06/10/96	OKLAHOMA CITY (LO)		Jubba		699124	
					02/07/99	NY BRONX ZOO (L)		Jubba		991118	
					13/12/00	SIOUX FALLS GPZ (L)		Jubba		2466	
status 28.08.2003											

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCDEF
NORTH AMERICA												
U S A												
ST LOUIS ZOO ( 1. 1. 0)												
0251	M	WILD	WILD	STL 08	1.3.0	12/03/75	KNY EAST AFRICA (WB)		[0 GEN]	<i>michaeli</i>		0.000
						19/04/75	KNY GM WRD DPT (TF)		date of cpt		unkn	
						20/04/75	MT KNY GAME RCH (TF)		Stanton Hugh-HR		SUGEROI	
						22/05/76	IAE GRD PRAIRIE (P)		Sugeroi-Sugar		none	
						12/09/76	ST LOUIS ZOO (P)		TOTO		076444	
0212	F	0052	0053	DTT 10	1.2.0	09/09/75	DETROIT ZOO (B)		[1st GEN] Betsy	<i>michaeli</i>	313	0.000
						30/10/84	ST LOUIS ZOO (L)		Betsy		084437	

#status 14.11.2003

Africa	40	(14. 21.5)	<i>michaeli</i>
Asia	26	(11. 15.0)	<i>michaeli</i>
Australia	0	( 0. 0.0)	<i>michaeli</i>
Europe	73	(26. 47.0)	<i>michaeli</i>
N America	71	(40. 31.0)	<i>michaeli</i>
Totals	210	(91.114.5)	<i>michaeli</i>

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Compiled by Hannelore Mercado

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis minor*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEFF
<b>AFRICA</b>												
South Africa												
DAMBARI RHI CTR ( 1. 3. 0)												
0577	M	WILD	WILD	BUL 01	2.4.0	02/04/86 01/08/86 02/08/86	ZBW ZAMBEZI RVL (WB) RHODES WDLF DPT (TF) DAMBARI RHI CTR (D)		[0 GEN] Chitaki 4ms-HR	<i>minor</i>	unkn 92058	0.000
0578	F	WILD	WILD	BUL 02	2.2.0	02/04/86 01/08/86 02/08/86	ZBW ZAMBEZI RVL (WB) RHODES WDLF DPT (TF) DAMBARI RHI CTR (D)		[0 GEN] Rukomichi 4ms-HR	<i>minor</i>	unkn 92059	0.000
0686	F	WILD	WILD	BUL 04	0.2.0	02/12/85 30/11/87 02/12/87	ZBW ZAMBEZI RVL (WB) RHODES WDLF DPT (TF) DAMBARI RHI CTR (L)		[0 GEN] Bambi 2.0ys	<i>minor</i>	unkn 92060	0.000
0580	F	0577	0578	BUL 05	0.0.0	06/10/92	DAMBARI RHI CTR (B)		[1st GEN] HR-Cheche	<i>minor</i>	92209	0.000
report Tom Foose USA 15.07.1999 - BUL no response to status inquiries												
LOC UNKN S AFR ( 1. 1. 0)												
0687	M	0577	0578	BUL 08	0.0.0	02/08/95 22/03/00	DAMBARI RHI CTR (B) LOC UNKN S AFR (P)		[1st GEN] HR-Baleka	<i>minor</i>	95079	0.000
0725	F	0577	0686	BUL 10	0.0.0	21/12/97 22/03/00	DAMBARI RHI CTR (B) LOC UNKN S AFR (P)		[1st GEN] Bayette	<i>minor</i>	990062	0.000
report ISIS00.01.2001 - BUL no response to inquiries on whereabouts												
PRETORIA ZOO ( 1. 0. 0)												
0491	M	0476	0429	PRY 14	0.0.0	01/08/93 15/07/98	PRETORIA Z POTG (B) PRETORIA ZOO (TD)		[1st GEN] Mbani Mbani 0429-Ponono's 1st offspring	<i>minor</i>	P93254 907170	0.000
status 23.08.2004												
PRETORIA Z POTG ( 2. 2. 1)												
0429	F	WILD	WILD	PRY 12	3.1.1	01/01/82 05/08/89 09/08/90	S AFR MKUZI GRS (WB) NATAL PARKS BD (TF) PRETORIA Z POTG (TD)		[0 GEN] Natal date of cpt Ponono 8.7ys	<i>minor</i>	unkn P93213	0.000
0476	M	WILD	WILD	PRY 13	3.1.1	01/01/80 10/02/91 13/02/91	UMFOLOZI GM RES (WB) NATAL PARKS BD (TF) PRETORIA Z POTG (TD)		[0 GEN] Kojak 11.1ys	<i>minor</i>	unkn P93214	0.000

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis minor*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>AFRICA</b>												
South Africa												
PRETORIA Z POTG ( 2. 2. 1)												
0790	U	0476	0429	PRY 15-2	0.0.0	01/12/97?	PRETORIA Z POTG (B)		[1st GEN] no name 0429-Ponono's 3rd offspring was found end1999- not sexed as yet	minor	P93559	0.000
0877	F	0476	0429	PRY 17	0.0.0	01/02/02?	PRETORIA Z POTG (B)		[1st GEN] no name 0429-Ponono's 5th offspring	minor	P93625	0.000
0906	M	WILD	WILD	PRY 18	0.0.0	01/06/89	S AFR MKUZI GRS (WB)		[0 GEN]	minor		0.000
						01/03/02	NATAL PARKS BD (TF)		date of cpt		unkn	
						01/03/02	KWA ZULU NATAL (TF)		TP00-0812-3CE0-N		unkn	
						16/06/02	PRETORIA Z POTG (D)		no name 12.0ys		P93627	

status 23.08.2004

**ASIA**

China PR of

PNY XIANGJIANG ( 1. 1. 0)

0781	M	UNKN	UNKN	PNY 01	0.0.0	06/05/97?	SABLE RCH S AFR (B)		[1st GEN]	minor	unkn	0.000
						04/10/99	GHAZZA SKEERPT (P)		(exporter)		unkn	
						06/10/99	PNY XIANGJIANG (P)		HX001		none	
0782	F	UNKN	UNKN	PNY 02	0.0.0	06/10/96?	SABLE RCH S AFR (B)		[1st GEN]	minor	unkn	0.000
						04/10/99	GHAZZA SKEERPT (P)		(exporter)		unkn	
						06/10/99	PNY XIANGJIANG (P)		HX002		none	
									parents of above wild born			

status 27.04.2001-report pending

**AUSTRALIA**

DUBBO WESTERN P ( 5. 6. 0)

0494	F	WILD	WILD	DUB 01	1.0.0	03/12/83	S AFR ZIMBABWE (WB)		[0 GEN]	minor		0.000
						27/06/91	RHODES WDLF DPT (TF)		date of cpt-TG9110		9110	
						30/11/92	COCOS ISLDS AUS (TF)		quarantine			
						10/02/93	DUBBO WESTERN P (L)		Musina Pongo 8.11ys		920113	

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis minor*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	DAN	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>AUSTRALIA</b>											
DUBBO WESTERN P ( 5. 6. 0)											
0496	F	WILD	WILD	DUB 03	0.0.0	03/12/83	S AFR ZIMBABWE (WB)	[0 GEN]	<i>minor</i>		0.000
						27/06/91	RHODES WDLF DPT (TF)	date of cpt-TG9114		9114	
						30/11/92	COCOS ISLDS AUS (TF)	quarantine			
						10/02/93	DUBBO WESTERN P (L)	Chitundumusere 8.11ys		920115	
0498	F	WILD	WILD	DUB 05	2.0.0	01/12/89	S AFR ZIMBABWE (WB)	[0 GEN]	<i>minor</i>		0.000
						22/06/92	RHODES WDLF DPT (TF)	date of cpt-TG9202		9202	
						30/11/92	COCOS ISLDS AUS (TF)	quarantine			
						10/02/93	DUBBO WESTERN P (L)	Pepe Kalle 2.11ys		920117	
0499	F	WILD	WILD	DUB 06	2.1.0	02/12/87	S AFR ZIMBABWE (WB)	[0 GEN]	<i>minor</i>		0.000
						24/04/92	RHODES WDLF DPT (TF)	date of cpt-TG9203		9203	
						30/11/92	COCOS ISLDS AUS (TF)	quarantine			
						10/02/93	DUBBO WESTERN P (L)	Kalungwizi 4.11ys		920118	
0502	F	WILD	WILD	DUB 09	1.1.0	01/12/89	S AFR ZIMBABWE (WB)	[0 GEN]	<i>minor</i>		0.000
						15/06/92	RHODES WDLF DPT (TF)	date of cpt-TG9211		9211	
						30/11/92	COCOS ISLDS AUS (TF)	quarantine			
						10/02/93	DUBBO WESTERN P (L)	Dongajuma 2.11ys		920121	
0467	M	WILD	WILD	FOS 02	5.4.0	22/04/88	S AFR ZIMBABWE (WB)	[0 GEN]	<i>minor</i>		0.000
						18/06/91	RHODES WDLF DPT (TF)	date of cpt		9101	
						22/04/92	FOSSILR GLNROSE (D)	Siabuwa 4.0ys		9119	
						27/11/94	SCHROFF CHICAGO (TF)	(shipper)		SIABUWA	
						29/11/94	DUBBO WESTERN P (L)	Siabuwa		940169	
0485	M	0390	0392	SD2 07	1.0.0	12/08/93	SAN DIEGO ZOO (B)	[1st GEN] Ibala	<i>minor</i>	593311	0.000
						27/11/94	SCHROFF CHICAGO (TF)	shipper		IBALA	
						29/11/94	DUBBO WESTERN P (L)	Ibala		940171	
								0392-Chirundu's 1st offspring			
0777	M	0467	0498	DUB 12	0.0.0	30/03/00	DUBBO WESTERN P (B)	[1st GEN] D1/00-Chikundo	<i>minor</i>	A00096	0.000
								0498-Pepe Kalle's 1st offspring			
0874	F	0467	0499	DUB 14	0.0.0	22/03/02	DUBBO WESTERN P (B)	[1st GEN] D1/02-Bakhita	<i>minor</i>	A20030	0.000
								0499-Kalungwizi's 3rd offspring			
0909	M	0485	0498	DUB 17	0.0.0	05/04/03	DUBBO WESTERN P (B)	[2nd GEN] D2/03-Induna	<i>minor</i>	A30075	0.000
								0498-Pepe Kalle's 2nd offspring			

## KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis minor*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
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## AUSTRALIA

DUBBO WESTERN P ( 5. 6. 0)

0926	M	0467	0502	DUB 18	0.0.0	02/10/04	DUBBO WESTERN P (B)		[1st GEN] D1/04-Sentwali 0502-Dongajuma's 2nd offspring	minor	A40082	0.000
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#status 28.12.2004

SYDNEY TARONGA ( 1. 0. 0)

0463	M	0404	0405	MKE 03	0.0.0	29/12/92	MILWAUKEE ZOO (BL)		[1st GEN] Kwanzaa	minor	3766	0.000
						29/12/92	RHODES WDLF DPT (LO)		Kwanzaa		unkn	
						27/11/94	SCHROFF CHICAGO (TF)		<shipper>		KWANZAA	
						29/11/94	DUBBO WESTERN P (L)		Kwanzaa		940170	
						08/12/03	SYDNEY TARONGA (L)		Kwanzaa		A30412	
									0405-Barley's 1st offspring			

#status 21.05.2004

## EUROPE

Germany

FRANKFURT/M ZOO ( 1. 1. 0)

0393	F	WILD	WILD	FRA 11	0.3.0	31/12/86	ZBW MANAPOOL NP (WB)		[0 GEN] S Afr	minor		0.000
						01/04/89	RHODES WDLF DPT (TF)				unkn	
						17/07/89	FRANKFURT/M ZOO (D)		TP000102-2389-Tsororo		22109	
0394	M	WILD	WILD	FRA 12	0.3.0	18/07/86	ZBW MARONGORA NP(WB)		[0 GEN] S Afr	minor		0.000
						01/04/89	RHODES WDLF DPT (TF)				unkn	
						17/07/89	FRANKFURT/M ZOO (D)		TP00013A-B6CF-Kalusho		22108	

#status 08.06.2004

all 3 offspring were introduced to the WILD  
of which 0.2.0 are alive

## NORTH AMERICA

U S A

DALLAS ZOO ( 3. 1. 0)

0399	M	WILD	WILD	DAL 04	2.0.0	18/07/82	ZBW ZAMBEZI RVL (WB)		[0 GEN]	minor		0.000
						14/04/89	RHODES WDLF DPT (TF)		TG10-LE		10	
						16/07/89	DALLAS ZOO (L)		Nyakasikana		898576	
0520	M	0399	0400	DAL 07	0.0.0	03/07/94	DALLAS ZOO (B)		[1st GEN] Independence	minor	949049	0.000

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis minor*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	DAN	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>											
<b>U S A</b>											
<b>DALLAS ZOO ( 3 . 1 . 0 )</b>											
0688	M	0399	0433 DAL 08	0.0.0	04/02/97	DALLAS ZOO	(B)	[2nd GEN] HR-Moy	<i>minor</i>	978555	0.000
0379	F	WILD	WILD LIN 02	2.2.0	24/03/72	UMFOLOZI GM RES (WB)	(WB)	[0 GEN]	<i>minor</i>		0.000
					10/01/82	NATAL PARKS BD (TF)	(TF)	date of cpt		unkn	
					20/03/82	TOUCHSTN GM RCH (L)	(L)	Henwood R TVL		unkn	
					24/03/84	LINN LACOMA RCH (L)	(L)	Chula 12.0ys		SB379	
					18/07/95	FORT WORTH ZOO (L)	(L)	Chula		1208	
					28/04/00	DALLAS ZOO (L)	(L)	Chula		000205	
status 03.02.2002											
<b>DISNEY'S AN KGD ( 3 . 1 . 0 )</b>											
0486	F	0378	0402 LIN 11	1.0.0	29/08/93	LINN LACOMA RCH (BL)	(BL)	[1st GEN] Kit	<i>minor</i>	SB486	0.000
					29/08/93	FORT WORTH ZOO (LO)	(LO)	Kit		1356	
					23/06/97	DISNEY'S AN KGD (L)	(L)	Kit		970093	
0670	M	0401	0461 COY 06	2.0.0	06/05/96	EL COYOTE RANCH (B)	(B)	[1st GEN] Travis	<i>minor</i>	none	0.000
					05/08/98	DISNEY'S AN KGD (L)	(L)	Travis		981456	
0847	M	0670	0486 DSN 01	0.0.0	13/11/00	DISNEY'S AN KGD (BL)	(BL)	[2nd GEN] Badru	<i>minor</i>	000664	0.000
					13/11/00	FORT WORTH ZOO (LO)	(LO)	Badru		200488	
0873	M	0670	0574 DSN 02	0.0.0	14/11/01	DISNEY'S AN KGD (BL)	(BL)	[2nd GEN] Bomani	<i>minor</i>	010519	0.000
					14/11/01	MILWAUKEE ZOO (LO)	(LO)	Bomani		4840	
status 22.03.2004											
<b>EL COYOTE RANCH ( 4 . 6 . 0 )</b>											
0414	F	WILD	WILD COY 02	1.2.0	16/07/84	S AFR ZIMBABWE (WB)	(WB)	[0 GEN]	<i>minor</i>		0.000
					30/04/89	RHODES WDLF DPT (TF)	(TF)			unkn	
					16/07/89	EL COYOTE RANCH (P)	(P)	Chinjuku-VICTORIA		none	
0424	F	WILD	0414 COY 03	1.1.0	11/09/89	EL COYOTE RANCH (B)	(B)	[1st GEN] Margarita	<i>minor</i>	none	0.000
0461	F	WILD	WILD COY 04	3.2.0	22/04/77	S AFR ZIMBABWE (WB)	(WB)	[0 GEN]	<i>minor</i>		0.000
					23/06/91	RHODES WDLF DPT (TF)	(TF)			9112	
					22/04/92	EL COYOTE RANCH (P)	(P)	Jota-CHANEL		none	
0671	F	0401	0424 COY 07	0.0.0	24/08/96	EL COYOTE RANCH (B)	(B)	[2nd GEN] Salsa	<i>minor</i>	none	0.000
0697	F	0378	0461 COY 09	0.0.0	16/07/98	EL COYOTE RANCH (B)	(B)	[1st GEN] Chilpotle	<i>minor</i>	none	0.000

## KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis minor*

WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>												
<b>U S A</b>												
HL COYOTE RANCH ( 4. 6. 0)												
0705	M	0404	0405	MKE 05	0.0.0	22/10/98	MILWAUKEE ZOO (B)		[1st GEN] Buster	<i>minor</i>	4474	0.000
						22/10/98	RHODES WOLF DPT (LO)		Buster		unkn	
						13/11/01	EL COYOTE RANCH (L)		Buster		none	
0779	F	0378	0414	COY 10	0.0.0	30/06/00	EL COYOTE RANCH (B)		[1st GEN] Chalupa	<i>minor</i>	none	0.000
0840	M	0378	0424	COY 11	0.0.0	09/11/00	EL COYOTE RANCH (B)		[2nd GEN] Dubya	<i>minor</i>	none	0.000
0858	M	0378	0461	COY 12	0.0.0	02/01/01	EL COYOTE RANCH (B)		[1st GEN] Sam Houston	<i>minor</i>	none	0.000
0914	M	0378	0461	COY 13	0.0.0	11/01/04	EL COYOTE RANCH (B)		[1st GEN] Macho Jr.	<i>minor</i>	none	0.000
status 28.07.2004												
FORT WORTH ZOO ( 2. 1. 0)												
0411	F	0378	0379	LIN 05	1.0.0	28/02/89	LINN LACOMA RCH (B)		[1st GEN] Mtoto	<i>minor</i>	SB411	0.000
						28/02/89	FORT WORTH ZOO (LO)		Mtoto		798	
						19/12/91	FORT WORTH ZOO (R)		Mtoto		798	
0465	M	WILD	0468	SMA 02	2.0.0	22/02/90	S AFR ZIMBABWE (B)		[1st GEN]	<i>minor</i>		0.000
						27/06/91	RHODES WOLF DPT (TF)		date of cpt		9116	
						22/04/92	FORT WORTH ZOO (L)		Binga		1385	
						22/04/92	SANTILLANA R TX (L)		Binga			
						11/11/97	IAE FERNOALE (TF)		<shipper>		BINGA	
						12/11/97	FORT WORTH ZOO (R)		Binga		1385	
0888	M	0465	0411	FOW 08	0.0.0	08/11/01	FORT WORTH ZOO (B)		[2nd GEN] Uhuru	<i>minor</i>	200917	0.000
status 06.08.2004												
FOSSILR GLNROSE ( 2. 3. 0)												
0401	M	WILD	WILD	POW 03	1.4.0	17/07/85	S AFR ZIMBABWE (WB)		[0 GEN]	<i>minor</i>		0.000
						30/04/89	RHODES WOLF DPT (TF)		date of cpt		unkn	
						16/07/89	FORT WORTH ZOO (L)		Gota Gota 4.0ys		714	
						27/07/91	EL COYOTE RANCH (L)		Gota Gota		401	
						18/07/95	FORT WORTH ZOO (R)		Gota Gota		714	
						18/07/95	FOSSILR GLNROSE (L)		Gota Gota		9121	
0462	F	WILD	0461	COY 05	0.3.0	01/12/90	S AFR ZIMBABWE (WB)		[1st GEN]	<i>minor</i>		0.000
						23/06/91	RHODES WOLF DPT (TF)		date of cpt		9113	
						22/04/92	EL COYOTE RANCH (P)		Charere 1.4ys		none	
						18/07/95	FOSSILR GLNROSE (L)		COCO		9122	

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis minor*

## WORLD LIVING POPULATION by CONTINENTS

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>												
<b>U S A</b>												
FOSSILR GLNROSE ( 2. 3. 0)												
0609	M	0467	0499	DUB 10	0.0.0	25/05/96	DUBBO WESTERN P (B)		[1st GEN] D196-Kusamona	<i>minor</i>	960069	0.000
						14/10/01	FOSSILR GLNROSE (TD)		Kusamona		9127	
0718	F	0401	0462	FOS 08	0.0.0	09/06/99	FOSSILR GLNROSE (BL)		[2nd GEN] Mupani	<i>minor</i>	9125	0.000
						09/06/99	FORT WORTH ZOO (LO)		Mupani		1514	
0863	F	0401	0462	FOS 09	0.0.0	19/06/01	FOSSILR GLNROSE (B)		[2nd GEN] Kalahari	<i>minor</i>	9126	0.000
status 03.08.2004												
<b>MILWAUKEE ZOO ( 1. 2. 0)</b>												
0404	M	WILD	WILD	MKE 01	3.1.0	19/07/84	S AFR ZIMBABWE (WB)		[0 GEN]	<i>minor</i>		0.000
						12/04/89	RHODES WDLF DPT (TF)		date of cpt		unkn	
						18/07/89	MILWAUKEE ZOO (L)		TG8-RE-Brewster		3371	
0405	F	WILD	WILD	MKE 02	3.1.0	20/07/81	S AFR ZIMBABWE (WB)		[0 GEN]	<i>minor</i>		0.000
						12/04/89	RHODES WDLF DPT (TF)		date of cpt		unkn	
						18/07/89	MILWAUKEE ZOO (L)		TG13-LE-Barley		3372	
0669	F	0401	0462	FOS 07	0.0.0	02/02/97	FOSSILR GLNROSE (BL)		[2nd GEN] Onyx	<i>minor</i>	9124	0.000
						02/02/97	EL COYOTE RANCH (LO)		Onyx		none	
						16/04/99	MILWAUKEE ZOO (L)		Onyx		4527	
status 01.03.2003												
<b>YULEE WHITE OAK ( 5. 2. 0)</b>												
0523	M	WILD	WILD	YUL 04	2.0.0	31/07/87	S AFR ZIMBABWE (WB)		[0 GEN]	<i>minor</i>		0.000
						01/04/88	RHODES WDLF DPT (TF)		date of cpt		unkn	
						02/04/88	PAMUZINDA R ZBW (TF)		in for HR		unkn	
						31/07/94	YULEE WHITE OAK (P)		Clem		940329	
0402	F	WILD	WILD	FOW 04	3.1.0	19/07/79	S AFR ZIMBABWE (WB)		[0 GEN]	<i>minor</i>		0.000
						30/04/89	RHODES WDLF DPT (TF)		date of cpt		unkn	
						16/07/89	FORT WORTH ZOO (L)		Ngwete		715	
						06/01/92	LINN LACOMA RCH (L)		Ngwete		SB402	
						18/07/95	FORT WORTH ZOO (R)		Ngwete		715	
						19/07/95	YULEE WHITE OAK (L)		Ngwete		950340	
0666	M	0522	0402	YUL 06	0.0.0	23/01/97	YULEE WHITE OAK (B)		[1st GEN] Tom	<i>minor</i>	970004	0.000
0667	M	0522	0410	YUL 07	0.0.0	08/02/97	YULEE WHITE OAK (B)		[1st GEN] Tom C.	<i>minor</i>	970006	0.000

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

**Eastern Black rhinoceros - *Diceros bicornis minor***

**WORLD LIVING POPULATION by CONTINENTS**

STUD #	S	SIRE	DAM	BREEDER NAME/#	OFF-SPRING	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME	SUB-SPECIES	ARKS/LOCAL ID	FCOEF
<b>NORTH AMERICA</b>												
<b>U S A</b>												
<b>YULEE WHITE OAK ( 5. 2. 0 )</b>												
0521	M	0378	0410	LIN 12	0.0.0	30/05/94	LINN LACOMA RCH (BL)		[1st GEN] Chirundu-LEE	<i>minor</i>	S8521	0.000
						30/05/94	FORT WORTH ZOO (LO)		Lee		1357	
						23/06/97	DISNEY'S AN KGD (L)		Lee		970091	
						24/02/99	DISNEY'S AN KGD (D)		Lee		970091	
						05/03/99	YULEE WHITE OAK (D)		Lee		990302	
0770	M	0522	0402	YUL 09	0.0.0	28/02/00	YULEE WHITE OAK (BL)		[1st GEN] Micky	<i>minor</i>	Y04010	0.000
						28/02/00	FORT WORTH ZOO (LO)		Micky		200187	
0574	F	0404	0405	MKE 04	1.0.0	01/01/96	MILWAUKEE ZOO (BL)		[1st GEN] Pombe	<i>minor</i>	4141	0.000
						01/01/96	RHODES WOLF DPT (LO)		Pombe		unkn	
						07/05/98	DISNEY'S AN KGD (L)		Pombe		981038	
						22/07/03	YULEE WHITE OAK (L)		Pombe		Y34304	
<b>status 13.10.2004</b>												
<b>PEACE RV REFUGE ( 1. 2. 0 )</b>												
0336	F	WILD	0334	LAX 09	0.0.0	21/04/83	LOS ANGELES ZOO (B)		[1st GEN] Shabani-ZOE	<i>minor</i>	001155	0.000
						08/04/03	PEACE RV REFUGE (L)		Shabani-Zoe		103038	
0392	F	WILD	WILD	SDZ 05	2.1.0	01/03/86	ZBW ZAMBEZI RVL (WB)		[0 GEN] S Afr date of cpt	<i>minor</i>		0.000
						16/03/89	RHODES WOLF DPT (TF)		Chirundu		unkn	
						18/07/89	SAN DIEGO ZOO (L)		Chirundu		589278	
						19/12/03	PEACE RV REFUGE (L)		Chirundu-MIMI		103148	
0681	M	0390	0392	SDZ 09	0.0.0	31/05/97	SAN DIEGO ZOO (B)		[1st GEN] Limpopo	<i>minor</i>	597233	0.000
						08/01/04	PEACE RV REFUGE (L)		Limpopo		103149	
<b>status 23.02.2005</b>												
Africa	12	( 5. 6.1)	minor	40	(14. 21.5)	Michaeli	52	( 19. 27.6)	total population			
Asia	2	( 1. 1.0)	minor	26	(11. 15.0)	Michaeli	28	( 12. 16.0)	total population			
Australia	12	( 6. 6.0)	minor	0	( 0. 0.0)	Michaeli	12	( 6. 6.0)	total population			
Europe	2	( 1. 1.0)	minor	73	(26. 47.0)	Michaeli	75	( 27. 48.0)	total population			
N America	39	(21.18.0)	minor	71	(40. 31.0)	Michaeli	110	( 61. 49.0)	total population			
Totals	67	(34.32.1)	minor	210	(91.114.5)	Michaeli	277	(125.146.6)	WORLD population			

Compiled by Hannelore Mercado - Berlin 31.12.2004

**KEY FOR TERMS:**

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

**NOTE:** DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

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**Summary**

**World living population by continents**

*Diceros bicornis michaeli* and  
*Diceros bicornis minor*

**Zusammenfassung**

**Welt-Lebendbestand nach Kontinenten**

Black rhinoceros - *Diceros bicornis*

SUMMARY - WORLD LIVING POPULATION

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<b>Africa</b>			<b>North America</b>		
TOTAL	52	( 19. 27. 6 )	TOTAL	110	( 61. 49. 0 )
<i>michaeli</i>	40	( 14. 21. 5 )	<i>michaeli</i>	71	( 40. 31. 0 )
<i>minor</i>	12	( 5. 6. 1 )	<i>minor</i>	39	( 21. 18. 0 )
<b>Asia</b>			<b>Central America</b>		
TOTAL	28	( 12. 16. 0 )	TOTAL	0	( 0. 0. 0 )
<i>michaeli</i>	26	( 11. 15. 0 )	<i>michaeli</i>	0	( 0. 0. 0 )
<i>minor</i>	2	( 1. 1. 0 )	<i>minor</i>	0	( 0. 0. 0 )
<b>Australia</b>					
TOTAL	12	( 6. 6. 0 )			
<i>michaeli</i>	0	( 0. 0. 0 )			
<i>minor</i>	12	( 6. 6. 0 )			
<b>Europe</b>			<b>CURRENT living population</b>		
TOTAL	75	( 27. 48. 0 )	TOTAL	277	(125.146. 6 )
<i>michaeli</i>	73	( 26. 47. 0 )	<i>michaeli</i>	210	( 91.114. 5 )
<i>minor</i>	2	( 1. 1. 0 )	<i>minor</i>	67	( 34. 32. 1 )

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**INTERNATIONAL STUDBOOK**  
**for the African Black rhinoceros**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONALES ZUCHTBUCH**  
**für das afrikanisch Spitzmaulnashorn**

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**Studbook population in numerical order**  
**Eastern Black rhinoceros**

*Diceros bicornis michaeli*

**Zuchtbuch-Population numerisch dargestellt**  
**Östliches Spitzmaulnashorn**

dead-line 31.12.2004 - includes data to 05.11.2004

Compiled by Hannelore Mercado

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1 9 6 6												
0001	M	WILD	WILD	02/07/49 01/10/51 02/07/57	TZN MT MERU HAGENBECK C HBG BERLIN ZOO	REG (WB) (P) (P)	[0 GEN] E Afr (importer) Meru CACHEXIA	BE 02	none 570006	04/02/75	0.000	0.0.0
0002	F	WILD	WILD	05/08/50 30/07/54 05/08/54 26/10/76 28/10/76 29/10/76	TZN MT MERU FOCKELMANN HBG BERLIN ZOO DEL GARDA ZOO KANO STATE ZOO JOS WILDLF PARK	REG (WB) (P) (P) (TD) (TF) (P)	[0 GEN] E Afr (importer) Arusha (Denmer) arrival in NMB MERU mortal INJURIES inflicted by Male mate	BE 01	unkn 540002 none none none	05/07/77	0.000	0.0.0
1 9 6 7												
0003	M	WILD	WILD	06/01/61 30/08/61 06/09/61	KNY EAST AFRICA RUHE HANOVER BERLIN TIERPARK	(WB) (P) (P)	[0 GEN] (importer) Pepe PULMONARY MYCOSIS/ extreme HAEMOSIDEROISIS in spleen/ liver/lungs/ intestine/ suprarenal gland	TI 04	none none	06/11/69	0.000	0.0.0
0004	F	WILD	WILD	17/10/51 10/10/56 17/10/56	KNY EAST AFRICA RUHE HANOVER BERLIN TIERPARK	(WB) (P) (P)	[0 GEN] (importer) Faru PULMONARY MYCOSIS- extreme HAEMOSIDEROISIS in spleen/ liver/ intestine	TI 01	none none	18/05/70	0.000	0.0.0
0005	M	WILD	WILD	05/05/49 30/04/50	TZN EAST AFRICA FOCKELMANN HBG	(WB) (P)	[0 GEN] (importer) continued next page	FRA 03	unkn		0.000	1.2.1

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	STRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1967												
0005				05/05/50	FRANKFURT/M ZOO (P)		Peter multiple ABSCESSES in lungs (Coryne- bacterium pyogenes)/ deep periglottis ulcer/ large abscess in mediastinum		390	02/02/78		
0006	F	0005	0544	10/12/58	FRANKFURT/M ZOO (B)		[1st GEN] Lemuta Dam re1995 0544-Katharina's 2nd- last offspring 1st M0545-1995 cavernous suppurative PNEUMONIA secondary to HAEMOLYTIC ANAEMIA	FRA 07	394		0.000	0.1.1
										29/11/71		
0007	M	WILD	WILD	12/08/57 05/05/61 12/06/61	KNY ISIOLO REG (WB) LOCKAU TANZANIA (P) HANOVER ZOO (P)		[0 GEN] E Afr (exporter) Conni-CONNYY 4.0ys ACTINOMYCOSIS/ CANCER/ EUTHanasia	HAN 02			0.000	2.2.0
									unkn IV3	29/01/73		
0008	F	WILD	WILD	20/07/55 10/07/60 20/07/60	TZN MARAVELDT RG(WB) RUHE HANOVER (P) HANOVER ZOO (P)		[0 GEN] E Afr (importer) Sus1 5.0ys rapid DETERIORATION/ SENILITY/EUTH	HAN 01			0.000	2.2.0
									none IV4	25/03/86		
0009	M	WILD	WILD	29/06/65 01/01/66 22/05/66 23/05/66 10/07/67	KNY TSAVO NP (WB) KNY GM WRD DPT (TF) RUHE ALFELD-ZOO (P) GELSENK RUHRZOO (L) HANOVER ZOO (L)		[0 GEN] date of cpt (importer)	MAG 01			0.000	2.2.0
									unkn none none none			

continued next page

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1967												
0009				28/08/67	RUHE ALFELD-ZOO (R)				none			
				29/08/67	MAGDEBURG ZOO (TD)		Kibo 2.2ys		400001			
				27/04/94	BERLIN ZOO (L)		Kibo		940002			
							PULMONARY MYCOSIS			27/09/99		
0010	M	WILD	WILD	22/01/37	KNY EAST AFRICA (WB)		[0 GEN]	CPH 01			0.000	0.0.0
				10/07/38	HAGENBECK C HBG (P)		<importer>		none			
				22/01/38	COPENHAGEN ZOO (P)		Faru 1.6ys		none			
							PNEUMONIA/EUTH			18/06/69		
0011	re	minor										
0012	F	WILD	WILD	02/10/53	TZN EAST AFRICA (WB)		[0 GEN]	AMS 05			0.000	0.0.0
				16/04/57	HAGENBECK C HBG (P)		<importer>		none			
				02/10/59	AMSTERDAM ZOO (P)		Faroe2-FAROU1 6.0y		none			
							ESCAPED/EUTHanasia			13/04/67		
0013	M	WILD	WILD	09/01/65	KNY EAST AFRICA (WB)		[0 GEN]	ARN 05			0.000	0.0.0
				05/01/66	BRINK SOEST NL (P)		<importer>		unkn 5996			
				09/01/66	ARNHEM BURGERS (P)		Pinocio 1.0yr					
							COLIC/EUTH			01/01/69?		
0014	F	WILD	WILD	09/01/65	KNY EAST AFRICA (WB)		[0 GEN]	ARN 06			0.000	0.0.0
				05/01/66	BRINK SOEST NL (P)		<importer>		unkn 5997			
				09/01/66	ARNHEM BURGERS (P)		Berta 1.0yr		unkn			
				20/06/70	BRINK SOEST NL (P)		Berta		unkn			
				25/06/70	ZOOCTR MOSCOW (TF)		<shipper>		unkn			
				30/06/70	ALMA-ATA ZOO (P)		SISSY		none			
							Stachybotrys-toxicosis from ingestion of fungal taminated feed			08/02/71		
0015	F	WILD	WILD	03/08/55	KNY EAST AFRICA (WB)		[0 GEN]	ANT 01			0.000	0.0.0
				01/07/56	SEAGO J NAIROBI (P)		<exporter>		unkn			
				03/08/56	ANTWERP ZOO (P)		Jessica 1.2ys		none			
							generalized TB			05/11/69		

## KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1 9 6 7												
0018	M	WILD	WILD	15/07/63	KNY EAST AFRICA (WB)		[0 GEN]	LON 07			0.000	0.2.0
				10/06/66	SEAGO J NAIROBI (P)		<exporter>		unkn			
				15/07/66	LON-REGENT'S PK (P)		Paul	3.0ys	A3035	18/12/73		
							susp. COLIC- PM inconclusive					
0017	F	WILD	WILD	15/07/64	KNY EAST AFRICA (WB)		[0 GEN]	LON 08			0.000	2.4.0
				10/06/66	SEAGO J NAIROBI (P)		<exporter>		unkn			
				15/07/66	LON-REGENT'S PK (P)		RP6602-June	2.0ys	A512			
				11/10/91	PORT LYMPNE (L)		June		P91042	28/12/91		
							Frolapsus uteri when giving bth to M0449-died under ANAESTHESIA during the attempt to remove the damaged uterus					
0018	M	WILD	WILD	26/07/62	KNY EAST AFRICA (WB)		[0 GEN]	WHI 03			0.000	7.6.0
				20/06/63	SEAGO J NAIROBI (P)		<exporter>		unkn			
				26/07/63	LON-WHIPNADE (P)		Bwana Mkubwa	1.0yr	WH11			
				01/04/74	LON-REGENT'S PK (D)		RP6301-FRED		A3024			
				24/06/75	LON-WHIPNADE (D)		Bwana Mkubwa-Big Master		WH11			
				28/04/77	LON-REGENT'S PK (D)		RP6301-Fred		A3024			
				25/04/78	LON-WHIPNADE (D)		Bwana Mkubwa		WH11			
				16/10/78	LON-REGENT'S PK (D)		RP6301-Fred		A3024			
				14/05/85	LON-WHIPNADE (L)		Bwana Mkubwa		WH11			
				08/06/88	PORT LYMPNE (L)		Bwana Mkubwa		P88001	19/04/91		
							AGE related pathological changes: calcification of one of the AORTIC VALVES of the heart					
0019	F	WILD	WILD	26/07/62	KNY EAST AFRICA (WB)		[0 GEN]	WHI 04			0.000	5.4.0
				20/06/63	SEAGO J NAIROBI (P)		<exporter>		unkn			
				26/07/63	LON-WHIPNADE (P)		Mama Kidogo*	1.0yr	WH12			
				19/01/88	LON-REGENT'S PK (TD)		RP8801-STUMPY		A514			
							continued next page					

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1967 0019				08/03/89	PORT LYMPNE	(L)	Mama Kidogo Little Mother* life threatening Prolapsus recti- breach presentation of 0557-re1996 - CAESARIAN performed > died under ANAESTHESIA - the full-term young did not survive		P89000	03/03/95		
0020	M	WILD	WILD	18/10/49 01/09/52 18/10/52	KNY EAST AFRICA (WB) SEAGO J NAIROBI (P) BRISTOL ZOO (P)		[0 GEN] (exporter) Willie 3.0ys multiple GASTRIC ULCERS/ ulcerative DERMATOSIS/ PULMONARY EMPHYSEMA	BRI 01	unkn 1950		0.000	2.3.0
										07/04/72		
0021	F	WILD	WILD	18/10/49 01/09/52 18/10/52	KNY EAST AFRICA (WB) SEAGO J NAIROBI (P) BRISTOL ZOO (P)		[0 GEN] (exporter) Stephanie 3.0ys chronic HEPATOSIS or poss. AFLATOXICOSIS/ EUTHanasia	BRI 02	unkn 1949		0.000	2.3.0
										25/06/71		
0022	M	0007	0008	28/06/65 25/06/66 27/06/66 08/05/74 22/03/78 18/10/78	HANOVER ZOO (B) RUHE HANOVER (TF) BRISTOL Z HOLLY (P) BRISTOL ZOO (TF) LON-REGENT'S PK (L) LON-WHIPSHADE (L)		[1st GEN] Caspar-KASPAR (shipper) wood Tw Est RUPERT Rupert Rupert Rupert 0008-Susi's 1st offspring susp. chronic HAEMOLYTIC ANAEMIA	HAN 03	IV278 CASPAR 1954 1954 A3040 none		0.000	1.0.0
										26/02/84		

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1 9 6 7												
0023	F	0020	0021	24/08/64 26/06/66	BRISTOL ZOO BRISTOL Z HOLLY (TF)	(B) (TF)	[1st GEN] Rhona wood Tw Est Rhona 0021-Stepahnie's 3rd offspring died following anti-TEANUS injection for damaged horn	BRI 05	1953 1953		0.000	0.0.0
										28/10/71		
0024	M	0020	0021	22/08/58 07/03/60	BRISTOL ZOO CHESTER ZOO	(B) (P)	[1st GEN] Roger Roger 0021-Stephanie's 1st offspring general weakness/ SENILITY/ ATAXIA	BRI 03	1951 7360	03/06/80	0.000	2.1.0
0025	F	WILD	WILD	03/10/56 12/09/59 03/10/59	KNY EAST AFRICA (WB) SEAGO J NAIROBI (P) CHESTER ZOO (TD)		[0 GEN] (exporter) Susie 3.0ys chronic ANAEMIA/ ANOXIA/ acute purulent PNEUMONIA/ sub-acute INTERSTITIAL NEPHRITIS	CHE 01	unkn 31059		0.000	2.1.0
										19/05/75		
0026	M	WILD	WILD	15/01/64 10/06/68 15/07/66	KNY EAST AFRICA (WB) SEAGO J NAIROBI (P) MANCH BELLE VUE (P)	(WB) (P) (P)	[0 GEN] (exporter) Barry 2.6ys VOLVULUS <DY EST>	MAN 02	unkn unkn		0.000	0.0.0
										01/03/74		
0027	F	WILD	WILD	13/08/61 08/07/64 13/08/64	KNY EAST AFRICA (WB) SEAGO J NAIROBI (P) MANCH BELLE VUE (P)	(WB) (P) (P)	[0 GEN] (exporter) Maggie-SHEILA 3.0ys septic DERMATITIS/ CARDIAC ARREST <DY EST>	MAN 01	unkn unkn		0.000	0.0.0
										01/03/75		

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		@?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	SEX	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1967												
0028	M	0020	0021	28/12/61 30/04/63	BRISTOL ZOO DUBLIN PHOENIX	(B) (P)	[1st GEN] Ronald Ronald 0021-Stephanie's 2nd offspring IMPACTION of STOMACH	BRI 04	1952 63M005		0.000	1.0.0
										27/10/71		
0029	F	0582	0583	29/08/60 14/05/62	ROTTERDAM ZOO DUBLIN PHOENIX	(B) (P)	[1st GEN] Laura Laura parents re1996- 0583-Sonny's only offspring SHOCK due to massive OEDEMA collecting in submucosa of CAECUM/ large INTESTINE	ROT 03	105407 62M009		0.000	1.0.0
										19/11/78		
0030	F	WILD	WILD	06/10/57? 01/09/59 06/10/59	KNY EAST AFRICA SEAGO J MAIROBI PARIS ZOO	(WB) (P) (P)	[0 GEN] (exporter) Judy-JULY est.2ys HAEMORRHAGIC FRACTURE of the horn	PAR 01	unkn Z59366		0.000	0.0.0
										21/11/74		
0031	M	WILD	WILD	22/09/47 01/08/49 24/09/49	TZN YARIDA REG KUENZLER ARUSHA ZURICH ZOO	(WB) (P) (P)	[0 GEN] E Afr (exporter) Billi 2.0ys chronic ARTHROSIS in left knee -/ hip joint/ subacute muscle NECROSIS in left knee joint/ severe chronic ORCHIATROPYH/ chronic continued next page	ZRH 01	unkn 490001		0.000	0.1.0
										10/05/83		

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1967												
0031							GLOMERULO- NEPHRITIS/ EUTHanasia					
0032	F	WILD	WILD	30/05/62	SOUTH KNY E AFR (WB)	[0 GEN]		ZRH 03			0.000	0.1.0
				28/05/64	RUHE ALFELD-ZOO (P)	<importer>			none			
				28/05/64	HANOVER ZOO (L)	no name			none			
				28/05/65	RUHE ALFELD-ZOO (R)				none			
				30/05/65	ZURICH ZOO (P)	Susi	3.0ys		850003	11/05/00		
						failing health for some yrs/ poor eyesight/ could barely stand/ EUTHanasia						
0033	F	WILD	WILD	24/08/48	TZN EAST AFRICA (WB)	[0 GEN]		ZRH 02			0.000	0.0.0
				01/08/49	KUENZLER ARUSHA (P)	<exporter>			unkn			
				24/09/49	ZURICH ZOO (P)	Faru	1.3ys		490003	31/12/82		
						cancerous THYROID/ NEPHRITIS/ HAEMOSIDEROSES in liver/lung/ spleen lymph nodes/kidney> SENILE DECAY- related/ EUTHanasia						
0034	M	WILD	WILD	05/07/64	KNY EAST AFRICA (WB)	[0 GEN]		TRN 02			0.000	0.0.0
				01/06/66	CARR-HARTL NAIR (P)	<exporter>			unkn			
				05/07/66	TORINO ZOO (P)	Bwana	2.0ys		none			
				14/09/72	RUHE HANOVER (P)				none			
				26/09/72	ZEEHANDELAAR NY (P)				unkn			
				28/09/72	ATLANTA ZOO (P)	SAH			720465	23/04/87		
						ulcerative nasal GRANULOMA infected with fungal organism; severe						

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	DAN	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1967											
0034						RHINORRHAGIA/ severe ANAEMIA> ANABSTHETIC restraint assoc.					
0035	F	WILD	22/01/84	KNY EAST AFRICA (WB)	[0 GEN]		TRN 01			0.000	0.0.0
			20/05/85	CARR-HARTL WAIR (P)	<exporter>			unkn			
			22/08/85	TORINO ZOO (P)	Sheiba	1.5ys		none			
			14/09/72	RUHE HANOVER (P)				none			
			05/10/72	KUENZLER BREMEN (P)				unkn			
			13/10/72	ZOOCTR MOSCOW (P)				unkn			
			14/10/72	ALMA-ATA ZOO (P)	MALYSHKA			none			
			30/05/90	TALLINN ZOO (L)	MACHA			9259			
					OLD AGE-related				04/02/99		
0036	M	WILD	06/05/83	KNY EAST AFRICA (WB)	[0 GEN]		NAP 06			0.000	0.4.0
			01/03/84	KNY GM WRD DPT (TF)	date of cpt			unkn			
			06/07/84	NAPLES ZOO (D)	Kebby	1.2ys		none			
					no response to status inquiries since 03.10.1999-removed				31/12/03		
0037	F	WILD	06/01/59	KNY EAST AFRICA (WB)	[0 GEN]		NAP 03			0.000	0.4.0
			01/09/80	RANDALL NAIROBI (P)	<exporter>			unkn			
			06/10/80	NAPLES ZOO (P)	Caterina-LUCIA1	1.9ys		none			
					as above				31/12/03		
0038	F	WILD	06/01/59	KNY EAST AFRICA (WB)	[0 GEN]		NAP 04			0.000	0.0.0
			01/09/80	RANDALL NAIROBI (P)	<exporter>			unkn			
			06/10/80	NAPLES ZOO (P)	Amanda-ROSELLA	1.9ys		none			
			20/11/88	ZEEHANDELAAR NY (TF)	broker-shipper			unkn			
			23/11/88	ATLANTA ZOO (P)	Rosella-ROSIE			881861			
			07/07/88	MIAMI METROZOO (L)	Rosie			M00966			
					extreme CACHEXIA/ chronic John's disease				28/10/89		

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1967												
0039	M	WILD	WILD	02/10/48?	KNY EAST AFRICA	(WB)	[0 GEN]	VIE 04			0.000	0.0.0
				05/08/54	MOLINAR TORINO	(P)	<importer>		unkn			
				18/08/54	FOCKELMANN HBG	(TF)	<shipper>		unkn			
				19/06/54	WUPPERTAL ZOO	(L)	in from MOL		none			
				02/10/54	VIENNA ZOO	(P)	Toni2	est.6ys	none	29/04/80		
							MYOCARDITIS/ chronic GLOMERULO- NEPHRITIS> CARDIOGENIC SHOCK					
0040	M	WILD	WILD	16/05/64	KNY EAST AFRICA	(WB)	[0 GEN]	ZAG 02			0.000	0.1.0
				01/04/67	CARR-HARTL NAIR	(P)	<exporter>		unkn			
				16/05/67	ZAGREB ZOO	(P)	Roy	3.0ys	none	05/03/82		
							RHINORRHAGIA					
0041	F	WILD	WILD	10/10/59	KNY EAST AFRICA	(WB)	[0 GEN]	ZAG 01			0.000	0.1.0
				01/09/64	CARR-HARTL NAIR	(P)	<exporter>		unkn			
				10/10/64	ZAGREB ZOO	(P)	Laura	5.0ys	none	28/03/81		
							VESICAL HAEMATURIA/ PERICARDITIS					
0042	M	WILD	WILD	24/10/52?	EAST AFRICA	(WB)	[0 GEN]	PRG 02			0.000	0.0.0
				20/08/54	BEHREND BUE AIR	(P)	<importer>		unkn			
				24/10/54	PRAGUE ZOO	(P)	Max2	est.2ys	unkn	24/09/89		
							TB					
0043	F	WILD	WILD	21/10/58	TZN EAST AFRICA	(WB)	[0 GEN]	PRG 03			0.000	0.0.0
				01/01/58	KILIMANDJARO	RG (TF)	cpt site					
				01/01/58	TZN GOV E AFR	(TF)	date of cpt		unkn			
				15/10/59	RUHE HANOVER	(P)	<importer>		none			
				21/10/59	PRAGUE ZOO	(P)	Isis	3.0ys	unkn			
				12/04/72	BRINK SOEST NL	(P)	Isis		unkn			
				18/05/72	PT ROTTERDAM NL	(TF)	date of dpt					
				21/05/72	RIO DE JANEIRO	(P)	Isis		none	21/05/72		
							en route; shipping STRESS- related died 3dys after dpt					

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1 9 6 7											
0044	M	WILD	04/07/50	TZN EAST AFRICA (WB)		[0 GEN]	LEN 01			0.000	0.0.0
			04/07/54	LENINGRAD ZOO (P)		Tschopi 4.0ys		none			
			01/08/73	GRODNO ZOO (L)		Tschopi		none	24/12/82		
						<b>Broncho-pneumonia purulenta</b>					
0045	M	WILD	10/06/50?	TZN EAST AFRICA (WB)		[0 GEN]	NYB 05			0.000	0.0.0
			20/04/55	TZN NR ARUSHA (TF)		cpt site					
			01/06/55	RUHE L NEW YORK (P)		<importer>		none			
			10/06/55	NY BRONX ZOO (P)		Little Joe est.5ys		00387			
			26/03/75	PITTSBURGH ZOO (L)		JOJO		67	19/12/76		
						<b>TB</b>					
0046	M	WILD	27/07/58	KNY EAST AFRICA (WB)		[0 GEN]	WAS 05			0.000	2.1.0
			10/05/60	SEAGO J NAIROBI (P)		<exporter>		unkn			
			14/06/60	LON-WHIPSNADE (L)		Cat no.1015X		none			
			12/07/60	SEAGO JOHN (R)				unkn			
			27/07/60	WASHINGT NATZOO (P)		Tony 2.0ys		28207	05/08/79		
						<b>TB/EUTH</b>					
0047	F	WILD	30/08/58	CTR KNY EAST AF (WB)		[0 GEN]	WAS 06			0.000	1.1.0
			01/08/61	SEAGO J NAIROBI (P)		<exporter>		unkn			
			30/08/61	WASHINGT NATZOO (P)		Thelma 3.0ys		28750	23/07/78		
						<b>Mycobacterium bovis-PNEUMONIA</b>					
0048	M	WILD	23/11/51	KNY EAST AFRICA (WB)		[0 GEN]	PIT 01			0.000	4.0.0
			18/04/54	HAGENBECK C HBG (P)		<importer>		none			
			23/05/54	PITTSBURGH ZOO (P)		Faru 2.6ys		181	17/08/74		
						<b>acute HAEMORRHAGIC NEPHRITIS</b>					
0049	F	WILD	23/05/51	KNY EAST AFRICA (WB)		[0 GEN]	PIT 02			0.000	4.0.0
			18/04/54	HAGENBECK C HBG (P)		<importer>		none			
			23/05/54	PITTSBURGH ZOO (P)		Tina 3.0ys		182	26/11/88		
						<b>acute NEPHRITIS</b>					
0050	M	0048	04/10/65	PITTSBURGH ZOO (B)		[1st GEN] Faru3	PIT 05	308		0.000	0.0.0
			17/12/67	ZEEHANDELAAR NY (TF)		<shipper>		FARU3			
			18/12/67	ATLANTA ZOO (P)		Faru3		670365			
						continued next page					

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	F COEF	OFF-SPRING
0050						Faru3 is 0049-Tina's 3rd 0089-1987 1st 0084-1987 2nd offspring UNKN MEANS- no INFO submitted			08/04/72		
0051	M	WILD	WILD	22/10/53	TZN MT MERU REG (WB)	[0 GEN] Tzn Gm Ltd-exporter Junior-LARGO 2.0ys acute HAEMOLYTIC CRISIS/ severe HAEMO- GLOBINURIA- susp. autoimmune response	CLE 01	none 551003		0.000	0.0.0
			20/09/55	SCHULZ ARUSHA (P)					27/12/75		
			22/10/55	CLEVELAND METRO (P)							
0052	M	WILD	WILD	19/12/64	KNY ATHI PLAINS (WB)	[0 GEN] nr Konza (exporter)	DTT 08	none		0.000	2.1.0
			16/05/67	CARR-HARTL NAIR (P)		(importer)		none			
			16/06/67	IAE FERDALE (P)		(donor)					
			19/06/67	BUHL LAND CO (P)		Watu 2.6ys		311			
			19/06/67	DETROIT ZOO (D)		Watu		M00442	06/09/88		
			18/07/85	MIAMI METROZOO (L)		INFECTION assoc.					
0053	F	WILD	WILD	01/05/63	KNY KITENCALA (WB)	[0 GEN] E Afr Masai Reg-cpt quarantine station-dpt (importer) (donor)	DTT 07	none		0.000	5.4.0
			01/06/65	KNY GM WRD DPT (TF)		Bibi 2.4ys		310			
			25/08/65	PT MOMBASA KNY (TF)		Bibi		329212			
			25/09/65	IAE FERDALE (P)		Bibi		3327			
			30/09/65	BUHL LAND CO (P)		37yrs at death-of 5.4.0 offspring 2.1.0 lived to grow up fell down-trying to get up/ EUTHanasia was decided; continued next page			01/04/00		
			30/09/65	DETROIT ZOO (D)							
			06/06/85	OKLAHOMA CITY (L)							
			02/08/88	SEDGWICK WICHIT (L)							

## KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDEBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1967							CONGENITAL HEART FAILURE causing weakness in limbs-was pregnant with a 6-7ms M fetus- 0774-re2000					
0053												
0054	M	0588	0589	19/04/62 26/06/63 28/06/63	DETROIT ZOO ZEEHANDELAAR NY OKLAHOMA CITY	(B) (P) (P)	[1st GEN] Harvey Harvey CLYDE parents re1996 0589-Manda's 1st offspring	DTT 05	309 unkn 024701		0.000	7.4.0
							HAEMOLYTIC ANAEMIA			02/11/86		
0055	F	0056	0057	27/07/61 28/06/63 28/06/63 05/06/65	CINCINNATI ZOO ZEEHANDELAAR NY OKLAHOMA CITY DETROIT ZOO	(B) (P) (P) (L)	[1st GEN] Lottie Lottie Lottie Lottie 0057-Opal's 2nd offspring 0563-re1996 1st pregnancy	CVG 04	195092 unkn 024802 1442		0.000	5.5.0
							PULMONARY TB/CANCER			06/03/94		
0056	M	WILD	WILD	14/04/53? 10/03/56 10/04/57 14/04/57 20/04/89	EAST AFRICA HAGENBECK C HBG SPRUCE PINE NCL CINCINNATI ZOO OKLAHOMA CITY	(WB) (P) (P) (P) (L)	[0 GEN] <importer> Freeman Johnny est.4ys Johnny	CVG 01	none unkn M14004 490219		0.000	3.5.2
							<i>Aspergillus sp.</i> - PNEUMONIA/ EUTHANASIA			18/08/89		
0057	F	WILD	WILD	14/04/53? 10/04/57 14/04/57	EAST AFRICA SPRUCE PINE NCL CINCINNATI ZOO	(WB) (P) (P)	[0 GEN] Freeman-importer Opal est.4ys	CVG 02	unkn 195091		0.000	2.2.1
							ASPERGILLOSIS			01/03/71		
0058	M	0056	0057	30/09/64	CINCINNATI ZOO	(B)	[1st GEN] Brook 0057-Opal's 3rd offspring	CVG 05	195093		0.000	0.0.0
							ASPERGILLOSIS			06/12/70		

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1967												
0059	M	0056	0057	20/09/67	CINCINNATI ZOO (B)	(B)	[1st GEN] no name	CVG 06	196081		0.000	0.0.0
				06/11/68	IAE GRD PRAIRIE (P)	(P)			none			
				18/08/77	KOBE OJI ZOO (P)	(P)	Jiji		none			
				20/07/79	YOSHIKAWA KOBE (P)	(P)	Yoshikawa's Fm		JIJI			
				20/07/79	PT KOBE JAPAN (TF)	(TF)	date of dpt					
				24/07/79	BEIJING ZOOL GD (P)	(P)	PKG5-Jiji		none			
							0057-Opal's 4th offspring					
							UNKN MEANS - no AUTOPSY			25/02/97		
0060	M	WILD	WILD	26/12/33	MT ESSIMINGER (WB)	(WB)	[0 GEN] Tzn E Afr	CHI 03			0.000	2.0.0
				20/12/34	OKAHANDJA ZOO PK (P)	(P)	Schulz Inc-date of cpt		none			
				27/06/35	CHICAGO BROOKFD (P)	(P)	Pharao 1.6ys		19976			
							BRONCHO-PNEUMONIA/ pathological changes OLD AGE related			16/08/67		
0061	F	WILD	WILD	26/12/32	MT ESSIMINGER (WB)	(WB)	[0 GEN] Tzn E Afr	CHI 04			0.000	2.0.0
				20/12/34	OKAHANDJA ZOO PK (P)	(P)	Schulz Inc-date of cpt		none			
				27/06/35	CHICAGO BROOKFD (P)	(P)	Mary 2.6ys		21084			
							general DECLINE in HEALTH/ EUTHanasia			18/03/80		
0062	M	WILD	WILD	08/06/59	KNY EAST AFRICA (WB)	(WB)	[0 GEN]	KSC 01			0.000	1.1.0
				05/06/61	ZEEHANDELAAR NY (P)	(P)	<importer>		unkn			
				08/06/61	KANSAS CITY ZOO (P)	(P)	Jiggs 2.0ys		61M001			
							UNKN MEANS - no AUTOPSY			17/01/72		
0063	F	WILD	WILD	03/03/56	KNY EAST AFRICA (WB)	(WB)	[0 GEN]	CHI 07			0.000	3.1.0
				05/03/56	KNY GM WRD DPT (TF)	(TF)	date of cpt		unkn			
				05/03/56	NAIRO ORPHANAGE (TF)	(TF)	TF in for HR		unkn			
				19/05/56	CHICAGO BROOKFD (D)	(D)	Rosie 2ms-bottle fed		19979			
				26/04/63	KANSAS CITY ZOO (P)	(P)	Rosie		63M001			
				24/05/72	SEDGWICK WICHIT (P)	(P)	Rosie		SM51			
				15/01/73	OKLAHOMA CITY (TD)	(TD)	Rosie		334604			
							autoimmune PROBLEMS/ EUTHanasia			12/06/81		

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDEBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1967												
0064	M	0048	0049	14/04/63 03/06/64 16/06/64 18/06/64	PITTSBURGH ZOO CATSKILL GM FM ZEEHANDELAAR NY DULUTH ZOO	(B) (P) (P) (P)	[1st GEN] Faru2 Schulz Inc Faru2 Faru2 DLH1-Faru 0049-Tina's 2nd offspring <b>PNEUMONIA</b>	PIT 04	305 none unkn 760000		0.000	O.O.O
										20/12/77		
0065	M	WILD	WILD	03/11/57 01/01/62 03/11/62 03/11/62 09/07/63 24/08/64	KNY EAST AFRICA RUHE HANOVER FRESNO CHAFFEE THOUSND OAKS CA FRESNO CHAFFEE MEMPHIS ZOO	(WB) (P) (P) (L) (R) (P)	[0 GEN] <importer> Romeo 5.0ys Goebel's Jg'lnd Romeo Romeo <b>TB/EUTH</b>	FRE 01	none 936884 unkn 936884 H0639		0.000	O.O.O
										22/06/67		
0066	M	WILD	WILD	01/10/56 01/05/59 23/08/59 28/09/59 01/10/59	KNY EAST AFRICA CARR-HARTL NAIR PT MOMBASA KNY ZEEHANDELAAR NY DALLAS ZOO	(WB) (P) (TF) (P) (P)	[0 GEN] <exporter> quarantine station-dpt <importer> Roscoe 3.0ys <b>CACHECTIC/ ICTERIC/ OEDEMA/EUTH</b>	DAL 03	unkn unkn 001043		0.000	O.O.O
										17/10/66		
0067	F	WILD	WILD	01/03/55 01/04/56 15/07/56 25/08/56 01/09/56	KNY EAST AFRICA CARR-HARTL NAIR PT MOMBASA KNY ZEEHANDELAAR NY DALLAS ZOO	(WB) (P) (TF) (P) (P)	[0 GEN] <exporter> quarantine station-dpt <importer> Marsha 1.6ys <b>generalized BACTERIAL INFECTION/ EUTHanasia</b>	DAL 02	unkn unkn 001029		0.000	O.O.O
										02/03/93		
0068	M	WILD	WILD	01/01/52? 01/01/53 01/01/54	EAST AFRICA BROKER BASLE CH COLUMBUS POWELL	(WB) (P) (P)	[0 GEN] <importer> Clyde est.2ys <b>GASTRO- INTESTINAL problems</b>	POW 01	unkn 542001		0.000	O.O.O
										18/12/00		
0069	M	0048	0049	20/10/60 18/09/81 20/09/61	PITTSBURGH ZOO CATSKILL GM FM JACKSONVILLE	(B) (TF) (P)	[1st GEN] Faru1 Schulz Inc-shipper Faru continued next page	PIT 03	580069 FARU1 861087		0.000	O.O.O

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE OF DEATH	FCOEF	OFF- SPRING
1967												
0069							0049-Tina's 1st offspring advanced stage of EMPHYSEMA/ CARDIAC IN-SUFFICIENCY/ EUTHanasia			29/03/70		
0070	F	WILD	WILD	15/02/57 27/01/60 14/02/60 14/02/60 15/02/60	KNY EAST AFRICA (WB) PT MOMBASA KNY (TF) PT NEW ORLEANS (TF) SPRUCE PINE NCL (P) JACKSONVILLE (P)	[0 GEN] date of dpt on the USS Jessie Lykes date arrival Freeman-importer Dolly 3.0ys		JAX 01	unkn 860060		0.000	0.0.0
							Pasteurella multocidae/ acute suppurative PNEUMONIA			06/04/70		
0071	M	WILD	WILD	21/09/56 18/05/57 21/05/57	KNY EAST AFRICA (WB) RUHE L NEW YORK (P) CHEYENNE COLSPR (P)	[0 GEN] <importer> Pokey 8ms		CHN 03	none 100433		0.000	1.4.0
							generalized bacterial SEPTICAEMIA mainly affecting the kidneys			05/11/82		
0072	F	WILD	WILD	26/12/64 24/06/67 26/06/67	KNY EAST AFRICA (WB) IAE FERNDAL (P) CHEYENNE COLSPR (P)	[0 GEN] <importer> no name 3.6ys		CHN 05	none 100434		0.000	1.4.0
							generalized bacterial SEPTICAEMIA			13/01/83		
0073							re minor					
0074	M	WILD	WILD	01/01/54 18/10/58 22/11/56 22/11/56	KNY EAST AFRICA (WB) PT MOMBASA KNY (TF) ANDERSON G FUND (P) SAN FRANCISCO (D)	[0 GEN] quarantine station-dpt <donor> Stonewall 2.10ys		SFO 01	1564		0.000	7.3.0
							BILE DUCT continued next page			07/11/81		

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE OF DEATH	FCOEF	OFF-SPRING
1967							CARCINOMA internal HAEMORRHAGE					
0074												
0075	F	WILD	WILD	20/01/61	KNY EAST AFRICA (WB)	[0 GEN]		SFO 02			0.000	1.0.0
				01/01/64	RUHE ALFELD-ZOO (P)	<importer>			none			
				07/07/64		date of dpt for USA						
				00/07/64	THOUSND OAKS CA (P)	Goebel's Jgld-			unkn			
				20/01/67	SAN FRANCISCO (P)	Stella 6.0ys			16701	03/03/73		
						bacterial INFECTION/ PSEUDO-TB						
0076	F	WILD	WILD	03/10/60	KNY DARAJANI REG(WB)	[0 GEN] E Afr		LAX 01			0.000	3.2.0
				01/04/66	KNY GM WRD DPT (TF)	date of cpt			unkn			
				01/09/66	PT MOMBASA KNY (TF)	quarantine station-dpt						
				30/09/66	IAE FERDALE (P)	<importer>			none			
				03/10/66	LOS ANGELES ZOO (P)	Twinkle Toes est.6ys			02774	17/07/00		
						rapid DETERIORATION due to LIVER -/BLOOD problems/EUTH						
0077	M	WILD	WILD	06/01/52	KNY EAST AFRICA (WB)	[0 GEN]		SDZ 02			0.000	0.0.0
				28/04/53	HAGENBECK C HBG (P)	<importer>			none			
				06/07/53	SAN DIEGO ZOO (P)	Barney 1.6ys			018270	14/08/68		
						SHOCK/ EXHAUSTION- fell into moat						
0078	F	WILD	WILD	30/08/50	KNY KIBWEZI REG (WB)	[0 GEN]		SDZ 01			0.000	0.0.0
				01/12/50	MT KNY GAME RCH (P)	Stanton Hugh-HR			unkn			
				30/08/52	SAN DIEGO ZOO (P)	Sally 2.0ys			152002	07/02/85		
						chronic fibrous INTERSTITIAL NEPHRITIS/ RENAL failure						
0079	M	WILD	WILD	11/05/62	KNY EAST AFRICA (WB)	[0 GEN]		GRB 02			0.000	1.1.0
				28/05/64	RUHE ALFELD-ZOO (P)	<importer>			none			
				06/09/64	SOUTHAMPTON ZOO (P)	Chipperf Org UK			none			
						continued next page						

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/\$	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1 9 6 7											
0079			01/10/65 27/04/66 11/05/66	RUHE ALFELD-ZOO (P) ZEEHANDELAAR NY (P) GRANBY ZOO (P)		Bulley chronic MYOPATHY/ PNEUMONIA/ ARTHRITIS > EUTHanasia		none unkn 630001	08/05/66		
0080	M	WILD	20/12/55 10/12/60 20/12/60	KNY EAST AFRICA (WB) RANDALL NAIROBI (P) CAIRO GIZA ZOO (P)		[0 GEN] broker-exporter no name UNKN MEANS- no AUTOPSY <DT EST>	CAI 01	unkn unkn	08/04/94	0.000	0.0.0
0081	F	WILD	20/12/55 10/12/60 20/12/60	KNY EAST AFRICA (WB) RANDALL NAIROBI (P) CAIRO GIZA ZOO (P)		[0 GEN] broker-exporter no name UNKN MEANS- no AUTOPSY	CAI 02	unkn unkn	21/01/70	0.000	0.0.0
0082	M	WILD	13/11/59 08/10/64 13/11/64	TZN EAST AFRICA (WB) LAWAI WEDGE (TF) SAANANE ISL ZOO (P)		[0 GEN] Tarime Dist-cpt site Michael DIARRHOEA- vitamin DEFICIENCY	SAA 02	unkn	30/09/67	0.000	0.0.0
0083-0084	re	minor									
0085	M	WILD	01/01/62 01/12/62 01/07/63	KNY EAST AFRICA (WB) CARR-HARTL NAIR (TF) JERUSALEM ZOO (P)		[0 GEN] exporter-date of cpt Franky FLEXION of neck- got caught in iron bar fence	JER 01	unkn unkn	20/09/68	0.000	0.0.0
0086	M	WILD	17/01/50? 05/11/55 17/01/56	KNY EAST AFRICA (WB) RUHE HANOVER (P) MYSORE SCZG (P)		[0 GEN] (importer) Jacky UNKN MEANS- no AUTOPSY	MYS 01	none 560002	03/02/83	0.000	3.2.0

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF D E A T H	BREEDER NAME/S	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1 9 6 7												
0087	F	WILD	WILD	17/01/48? 05/11/55 17/01/56	KNY EAST AFRICA (WB) RUHE HANOVER (P) MYSORE SC2G (P)		[0 GEN] (importer) Mary est.8ys UNKN MEANS - no AUTOPSY	MYS 02	none 560001	08/07/86	0.000	3.2.0
0088	M	0086	0087	26/08/66	MYSORE SC2G (B)		[1st GEN] Gunda 0087-Mary's 1st offspring PNEUMONIA	MYS 03	660001	20/03/71	0.000	0.0.0
0089	re minor											
0090	M	WILD	WILD	25/05/53? 25/05/55	KNY EAST AFRICA (WB) OSAKA TENNOJI Z (P)		[0 GEN] 01-Taro est.2ys TB	OSA 01	389	20/10/81	0.000	0.0.0
0091	F	WILD	WILD	04/07/59? 02/07/61 04/07/61 31/08/65	KNY EAST AFRICA (WB) KYOKUTO BOEKI (P) OSAKA TENNOJI Z (P) ISHIKA KANAZAMA (D)		[0 GEN] (importer) 03-Hanako est.2ys Hanako PNEUMONIA	OSA 03	unkn 391 none	04/02/74	0.000	0.0.0
0092	M	WILD	WILD	01/09/54 01/08/59 01/09/59	KNY EAST AFRICA (WB) CARR-HARTL NAIR (P) KOBE OJI ZOO (P)		[0 GEN] (exporter) Tommy-TOMY1 5.0ys fatal INJURIES> RESPIRATORY CRISIS-fell into moat	KOJ 02	unkn none	19/02/70	0.000	3.0.0
0093	F	WILD	WILD	25/05/62 18/05/67 25/05/67	KNY EAST AFRICA (WB) KEIHIN YOKOHAMA (P) KOBE OJI ZOO (P)		[0 GEN] (importer) Catherine-MAMMY2 5.0ys PEROTINITIS	KOJ 05	unkn none	03/08/77	0.000	1.0.0
0094	M	0092	0554	02/11/65	KOBE OJI ZOO (B)		[1st GEN] Rock 0554-Mammy1'-re1995 2nd-last offspring 1st re0098 offspring SPINAL CORD INJURIES - was attacked by sire	KOJ 04	none	26/01/68	0.000	0.0.0

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
<b>1 9 6 7</b>												
0095	F	WILD	WILD	04/10/63?	KNY EAST AFRICA (WB)		[0 GEN]	NGO 02			0.000	0.0.0
				04/10/65	NAGOYA HIGASHIY (P)		no name	est.2ys	none			
				05/07/66	KEIHIN YOKOHAMA (TD)				unkn			
				07/07/66	FUKUOKA ZOOL GD (TD)		no name		none			
							SMALL POX			03/02/87		
<b>1 9 6 8</b>												
0096	F	WILD	WILD	21/01/49	TZN MT MERU GM (WB)		[0 GEN] Sctuary Arusha	PER 01			0.000	0.0.0
				21/01/51	SIR HALLSTROM E (P)		NSW private collection		none			
				21/01/51	PERTH ZOOL GARD (D)		Dynah	2.0ys	510001			
				23/09/81	CODY D TARONGA (TF)		dpt for SYD		DYNAH			
				28/09/81	SYDNEY TARONGA (TD)		Dynah		810049			
				08/11/91	DUBBO WESTERN P (TD)		Dynah		910084			
							RENAL FAILURE OLD AGE-related/EUTH			05/05/95		
								SYD 01-02	re1994			
								SYD 03	re1973			
0097	M	WILD	WILD	01/10/44	TZN SINYA REG (WB)		[0 GEN] E Afr	SYD 04			0.000	0.0.0
				01/01/47	HALLSTROM E TZN (TF)		date of cpt-2.3ys					
				02/01/47	SCHULZ ARUSHA (P)		Tzn Gm Ltd-exporter		none			
				08/06/47	HALLSTROM E TZN (TF)		date of dpt					
				10/07/47	SYDNEY TARONGA (P)		Sinya		470003			
				25/11/47	ADELAIDE ZOO (D)		Sinya		unkn			
				25/06/81	SYDNEY TARONGA (L)		Sinya		470003			
							SENILITY			30/08/82		
0098	M	0092	0554	16/11/63?	KOBE OJI ZOO (B)		[1st GEN] Bobby	KOJ 05	none		0.000	0.0.0
				06/11/85	NAGOYA HIGASHIY (P)		Bobby		none			
							0554-Mammyl's 1st offspring					
							PYELONEPHRITIS			24/08/70		
0099	M	WILD	WILD	13/09/44	TZN ARUSHA NP (WB)		[0 GEN]	SYD 11			0.000	3.6.0
				11/01/50	KUENZLER ARUSHA (P)		<exporter>		unkn			
				13/02/50	SYDNEY TARONGA (P)		Ferdinand	5.5ys	500008			
							NEOPLASM pressing on SPINAL CORD/EUTH			14/06/78		

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1 9 6 8												
0100	F	WILD	WILD	16/08/41 14/07/48 16/08/48	KNY EAST AFRICA (WB) RANDALL NAIROBI (P) SYDNEY TARONGA (P)		[0 GEN] <exporter> Peggy 7.0ys ARTHRITIC SENILITY	SYD 10	unkn 480011	03/08/74	0.000	1.2.0
0101	F	0099	0100	02/05/65	SYDNEY TARONGA (B)		[1st GEN] Beauty 0100-Peggy's 2nd 0197-re1973 1st offspring TUMOR on vagus herie	SYD 18	650012	24/09/80	0.000	1.0.0
0102	F	0099	0507	11/01/83 14/08/69 01/01/71	SYDNEY TARONGA (B) ASHTON'S AN KGD (P) BACCHUS LION PK (P)		[1st GEN] Squeaker <Stacks Creek> <Australia> 0507-Dianne's-re1994 only offspring UNKN MEANS- no INFO available <DT EST>	SYD 17	630020 unkn unkn	01/01/78	0.000	0.0.0
0103	M	0024	0025	10/09/67 02/06/70 25/06/70 30/06/70	CHESTER ZOO (B) BRINK SOEST NL (P) ZOOCTR MOSCOW (TF) ALMA-ATA ZOO (P)		[2nd GEN] Reginald Reginald <shipper> CHESTER 0025-Susie's 1st offspring ulcerative DERMATITIS/ ASPHYXIA	CHE 02	100967 unkn unkn none	15/01/89	0.000	0.0.0
0104	F	0007	0008	03/01/88 20/06/69 27/06/69 05/05/83 25/06/83	HANOVER ZOO (B) RUHE HANOVER (P) BUDAPEST ZOO (P) BRINK SOEST NL (P) SAN DIEGO WAP (P)		[1st GEN] Stella Stella TECA date of dpt-50dys en route Stella Teca 0008-Susi's 3rd offspring granulomatous PNEUMONIA due to Mycobacterium tuberculosis- human form	HAN 05	IV278 none 002983 unkn 783280	21/03/84	0.000	0.0.0

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN	0?GEN	BIRTH TYPE UNKN	D	DONATION IN	TF	TRANSFER
				1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1968												
0105	F	WILD	WILD	04/07/48? 04/07/54	EAST AFRICA MOSCOW ZOO	(WB) (P)	[0 GEN] Zamba est.6ys INTOXICATION	MOW 01	none	14/07/71	0.000	0.0.0
0106	M	0099	0100	26/05/67	SYDNEY TARONGA	(B)	[1st GEN] Pompey 0100-Peggy's 3rd- last offspring EXPOSURE	SYD 20	670008	24/10/72	0.000	0.0.0
0107	M	WILD	WILD	01/05/57 01/05/63 11/06/70 21/06/70 26/06/70	KNY EAST AFRICA BARCELONA ZOO BRINK SOEST NL RUHE ALFELD-ZOO BERLIN TIERPARK	(WB) (P) (P) (TF) (P)	[0 GEN] Ringo 5.0ys Ringo <shipper> LORD GASTRIC ULCERS/ ANAEMIA	BCN 01	none unkn RINGO none	19/10/70	0.000	0.0.0
0108	F	WILD	WILD	01/05/57 25/03/63 01/05/63	KNY EAST AFRICA RUHE HANOVER BARCELONA ZOO	(WB) (P) (P)	[0 GEN] <importer> Afrodita-AFRODITE 6.0ys UNKN MEANS- no INFO submitted <DY-MS EST>	BCN 02	none none	01/01/64	0.000	0.0.0
0109	M	0048	0049	08/03/68 07/03/69 07/03/69	PITTSBURGH ZOO ZEEHANDELAAR NY MEMPHIS ZOO	(B) (P) (P)	[1st GEN] Faru4 Faru4 Faru4 0049-Tina's 4th- last offspring TOXAEMIA assoc. with NEPHRITIS/ INDIGESTION	PIT 06	323 unkn H0640	29/07/69	0.000	0.0.0
0110	M	0046	0047	31/08/67 08/04/70 11/01/83	WASHINGT NATZOO SAN DIEGO WAP SAN DIEGO ZOO	(B) (P) (D)	[1st GEN] Dillon Dillon Dillon 0047-Thelma's 1st offspring BACTERIAL affection of RESPIRATORY tract/EUTH	WAS 07	32559 100285 100285	20/09/94	0.000	1.1.0

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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1 9 6 8												
0111	F	WILD	WILD	10/11/65?	KNY EAST AFRICA (WB)		[0 GEN] (importer)	TI 05			0.000	0.0.0
				07/04/67	RUHE ALFELD-ZOO (P)		Lady est.2ys		none			
				10/11/67	BERLIN TIERPARK (P)		(shipper)		none			
				17/11/83	BRINK SOEST NL (TF)		date of dpt from NL		LADY			
				20/11/83	HABANA PZN CUBA (P)		shipping		none	20/01/84		
							STRESS					
							after-effect-died appr. 1ms after arrival					
0112	M	WILD	WILD	11/05/46	KNY EAST AFRICA (WB)		[0 GEN] (importer)	PHL 02			0.000	0.0.0
				05/05/48	MEEMS BROS NY (P)		Kifaru 2.0ys		unkn 12112			
				11/05/48	PHILADELPHIA Z (P)		Kifaru		none			
				01/11/72	SEDGWICK WICHIT (L)		died en route SCZ-had TB			01/11/72		
0113-0116 re minor												
0117	F	WILD	WILD	02/12/46?	KNY EAST AFRICA (WB)		[0 GEN] (importer)	BUE 02			0.000	2.1.0
				28/11/48	BEHREND BUE AIR (P)		Marta-CHIQUITA est.2ys		unkn			
				02/12/48	BUENOS AIRES Z (P)		UNKN MEANS-no INFO available		none	21/12/70		
0118	M	0555	0117	03/01/58	BUENOS AIRES Z (B)		[1st GEN] Archibaldo3 0117-Chiquita's 2nd 0741-re1999 1st offspring	BUE 04	none		0.000	0.1.0
							UNKN MEANS-no INFO available			08/12/73		
0119	F	0555	0117	22/03/62	BUENOS AIRES Z (B)		[1st GEN] Martita 0177-Chiquita's 3rd offspring	BUE 05	none		0.000	0.1.0
							UNKN MEANS-no INFO available			02/11/73		

KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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1 9 6 8												
0120	M	WILD	WILD	16/06/61	KNY EAST AFRICA (WB)	[0 GEN]		STL 03			0.000	1.3.0
				10/05/65	CARR-HARTL NAIR (P)	(exporter)			unkn			
				16/06/65	ST LOUIS ZOO (P)	Boyle	4.0ys		065410			
							UNKN MEANS - no AUTOPSY			19/04/76		
0121	F	WILD	WILD	16/06/62	KNY EAST AFRICA (WB)	[0 GEN]		STL 04			0.000	1.4.0
				10/05/65	CARR-HARTL NAIR (P)	(exporter)			unkn			
				16/06/65	ST LOUIS ZOO (P)	Olive	3.0ys		065411			
				27/06/91	OKLAHOMA CITY (L)	Olive			557720			
							severe chronic GLOMERULO- NEPHRITIS/ severe pyogranu- lomatous HAEMOSIDEROISIS			21/08/93		
0122	F	WILD	WILD	15/01/37	TZN EAST AFRICA (WB)	[0 GEN]		STL 01			0.000	0.0.0
				10/06/38	SCHULZ ARUSHA (P)	Tzn Gm Ltd-exporter			none			
				15/07/38	ST LOUIS ZOO (P)	Peggy	1.6ys		380700			
							extensive CANCER in uterus/ EUTHanasia			17/07/69		
0123	F	WILD	WILD	15/01/37	TZN EAST AFRICA (WB)	[0 GEN]		STL 02			0.000	0.0.0
				10/06/38	SCHULZ ARUSHA (P)	Tzn Gm Ltd-exporter			none			
				15/07/38	ST LOUIS ZOO (P)	Pudgy	1.6ys		380701			
							cancerous UTERINE CARCINOMA/ EUTHanasia			11/08/68		
0124	M	WILD	WILD	16/02/57	KNY EAST AFRICA (WB)	[0 GEN]		DEN 01			0.000	2.2.0
				01/01/60	PT MOMBASA KNY (TF)	quarantine station-dpt						
				10/02/60	SPRUCE PINE NCL (P)	Freeman-importer			unkn			
				16/02/60	DENVER ZOO (P)	Tombo	3.0ys		00456			
				14/07/84	GARDENCTY LEE R (L)	Tombo			100456			
							INTRAHEPATIC BILE STASIS/ LIVER failure ulcerative DERMATITIS/ EUTHASIA			11/07/87		

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WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1 9 6 8												
0125	F	WILD	WILD	16/02/55	KNY EAST AFRICA (WB)		[0 GEN]	DEN 02			0.000	2.2.0
				01/01/60	PT MOMBASA KNY (TF)		quarantine station-dpt					
				10/02/60	SPRUCE PINE NCL (P)		Freeman-importer		unkn			
				16/02/60	DENVER ZOO (P)		Momba 5.0ys		00458			
				14/07/84	GARDENCTY LEE R (L)		Momba		0002	28/12/90		
							cancerous GROWTHS in spleen/liver/EUTHanasia					
0126	F	0124	0125	20/01/68	DENVER ZOO (B)		[1st GEN] no name	DEN 04	680103		0.000	1.0.0
				23/02/69	ZEEHANDELAAR NY (TF)		(shipper)		unkn			
				25/02/69	MEMPHIS ZOO (TD)		Snoopy		0288			
							0125-Momba's 2nd offspring			10/06/79		
							0640-re1996 1st pregnancy					
							LEPTOSPIROSIS					
0127	F	0020	0021	16/06/68	BRISTOL ZOO (B)		[1st GEN] Rowena	BRI 06	1955		0.000	0.0.0
				10/02/69	BRISTOL Z HOLLY (TF)		wood Tw Est Rowena		1955			
							0021-Stephanie's 4th offspring			19/02/69		
							multiple (4) Prolapsus recti - unsuccessful surgery/EUTHanasia					
0128	M	WILD	WILD	27/08/64	KNY EAST AFRICA (WB)		[0 GEN]	TLV 01			0.000	0.0.0
				20/08/66	CARR-HARTL NAIR (P)		(exporter)		unkn			
				27/08/66	TEL-AVIY ZOO (P)		no name 2.0ys		none			
				01/01/81	RAMAT GAN 2 CTR (TF)		no name		660011			
				26/12/89			date of dpt					
				07/01/90	BROOKER GN TRD (P)		Gln Afr Fm Momo		0128	20/06/97		
							unable to rise-susp. OLD AGE-related/EUTHanasia <DT EST>					

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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1 9 6 8												
0129	F	WILD	WILD	27/08/64	KNY EAST AFRICA (WB)		[0 GEN]	TLV 02			0.000	0.0.0
				20/08/66	CARR-HARTL NAIR (P)		<exporter>		unkn			
				27/08/66	TEL-AVIV ZOO (P)		no name	2.0ys	none			
				01/01/81	RAMAT GAN Z CTR (TF)		no name		660012	14/04/83		
							FIBROTIC OVARIES/INFECTION of urinary tract-2.5kg bladder stone					
1 9 6 9												
0130	M	WILD	WILD	03/11/51	TZN YARIDA REG (WB)		[0 GEN]	MUC 01			0.000	0.0.0
				18/04/54	HAGENBECK C HBG (P)		<importer>		none			
				03/11/55	MUNICH HELLABRN (P)		Heinz	4.0ys	none			
				05/06/74	GOLLEMBEK WIESB (P)		Heinz		unkn			
				08/08/74	SAO PAULO ZOO (P)		Heinz		7239	27/05/75		
							general poor state of health/EUTHanasia					
0131	F	WILD	WILD	03/11/51	TZN EAST AFRICA (WB)		[0 GEN]	MUC 02			0.000	0.0.0
				01/02/55	LOLKISAL DIST (TF)		S of Arusha-cpt site					
				04/06/55	HAGENBECK C HBG (P)		<importer>		none			
				03/11/55	MUNICH HELLABRN (P)		Kifarur	4.0ys	none			
				05/06/74	GOLLEMBEK WIESB (P)		Kifarur		unkn			
				08/08/74	SAO PAULO ZOO (P)		Kifarur		7240	19/07/75		
							general poor state of health/EUTHanasia					
0132	M	WILD	WILD	17/12/57?	KNY EAST AFRICA (WB)		[0 GEN]	DHW 02			0.000	1.1.0
				30/11/60	MT KNY GAME RCH (P)		Stanton Hugh-exporter		unkn			
				17/12/60	DEHIWALA ZOO (P)		Hatari	est.3ys	unkn			
							UNKN MEANS - no AUTOPSY <DT EST>			28/03/95		

## KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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1 9 6 9											
0133	F	WILD	WILD	02/01/64 02/11/65 02/01/66	KNY EAST AFRICA (WB) CARR-HARTL NAIR (P) DEHIWALA ZOO (P)	[0 GEN] exporter-date of cpt Judy 2.0ys UNKN MEANS- no AUTOPSY	DHW 04	unkn unkn		0.000	0.1.0
									28/03/95		
0134	F	0132	0133	04/10/68	DEHIWALA ZOO (B)	[1st GEN] Nomela 0133-Judy's only offspring ELECTROCUTION during violent rain storm; uprooted tree tore down electric wire which dropped into animal's dan <DT EST>	DHW 05	97M398		0.000	0.0.0
									31/12/99		
0135	M	WILD	WILD	01/01/50 30/07/55 01/01/56	KNY EAST AFRICA (WB) MT KNY GAME RCH (P) SAN ANTONIO ZOO (P)	[0 GEN] Stanton Hugh-exporter Tony 6.0ys susp. toxic HEPATOPATHY from either pesticides/ mistletoe or creosote treated telephone poles	STA 01	unkn 560001		0.000	1.0.0
									09/07/77		
0136 re minor											
0137	F	0005	0006	11/11/69	FRANKFURT/W ZOO (B)	[2nd GEN] Nabi 0006-Lemuta's 2nd- last offspring 1st U0641-1996 CARDIO -/ CIRCULATORY COLLAPSE secondary to HAEMOLYTIC ANAEMIA	FRA 09	395		0.250	0.0.0
									24/12/81		

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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1969												
0138	F	0054	0055	01/05/68 07/09/69	OKLAHOMA CITY BUSCH GDS TAMPA	(B) (P)	[2nd GEN] Myrtle Mae Myrtle Mae 0055-Lottie's 1st offspring MYOCARDIAL DEGENERATION	OKC 01	902100 59242		0.000	O.O.O
										07/01/71		
1970												
0139	F	0048	0047	20/02/70	WASHINGTON NATZOO	(B)	[1st GEN] Mary 0047-Thelma's 2nd- last offspring HAEMOLYTIC ANAEMIA	WAS 08	35178		0.000	1.O.O
										12/12/80		
0140	F	0020	0021	17/05/70 18/05/70	BRISTOL ZOO BRISTOL Z HOLLY	(B) (TF)	[1st GEN] Rebecca wood Tw Est Rebecca-HR 0021-Stephanie's 5th-last offspring Dam ignored young- TF out for HR: appeared premature- 3/4 of normal birth size-weak-unable to stand-could not feed DERMAL -/STOMACH ULCERS of unkn etiology-PM inconclusive-9ms at death	BRI 07	1958 1956		0.000	O.O.O
										12/02/71		
0141	M	0092	0093	08/09/89 19/04/78 20/04/78	KOBE QJI ZOO YOSHIKAWA KOBE SHIRAHAMA AD WD	(B) (TF) (P)	[1st GEN] Tomy2 (shipper) TOMMY 0093-Mammy2' only offspring DERMATITIS/ PNEUMONIA> severe RHINORRAGIA	KOJ 06	none TONY2 none		0.000	O.O.O
										20/01/80		
0142	M	0028	0029	09/07/69 03/04/71 26/01/73	DUBLIN PHOENIX HOWLETT'S BEKESB PORT LYMPNE	(B) (P) (D)	[2nd GEN] Ringo BARINGO Baringo 0029-Laura's only offspring continued next page	DBL 02	69M023 H71009 P73002		0.000	3.2.O

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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1970												
0142							CARDIAC/KIDNEY/ LIVER problems/ severe ulcerative SKIN LESIONS- general terminal decline mostly age-related/ EUTASIA			01/01/92		
0143	F	WILD	WILD	31/01/67 01/05/68 30/12/68 31/12/68	KNY EAST AFRICA (WB) RUHE HANOVER (P) IAE FERDALE (P) GRANBY ZOO (P)		[0 GEN] (importer)  no name 1.11ys UNKN MEANS- no INFO available  # formerly deleted identical with 0167-THO DHW subsequ. registr1999	GRB 03	none none 680005		0.000	0.0.0   05/12/70
0144	F	WILD	WILD	25/03/51? 03/03/55 25/03/55	KNY EAST AFRICA (WB) MT KNY GAME RCH (P) DEHIMALA ZOO (P)		[0 GEN] Stanton Hugh-exporter Patsy est.4ys general FATIGUE after aborting M0149- died 2ms later	DHW 01	unkn unkn		0.000	1.0.0   01/03/63
0145	M	0007	0008	29/06/70 02/04/81 25/04/83	HANOVER ZOO ZURICH ZOO HANOVER ZOO	(B) (L) (R)	[1st GEN] Fridolin Fridolin Fridolin 0008-Susi's 4th- last offspring gastric COLIC/ CIRCULATORY COLLAPSE	HAN 06	IV5 810029 IV5		0.000	0.0.0   10/10/85
0146	M	WILD	WILD	01/05/66 15/04/69 25/05/69	KNY EAST AFRICA (WB) SEAGO J NAIROBI (P) SAN DIEGO ZOO (P)		[0 GEN] (exporter) Lenny 3.0ys mycotic INFECTION/ mycotic continued next page	SDZ 03	unkn 169177		0.000	0.0.0   29/06/80

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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1970												
0146							THROMBOSIS caused by INJURIES received from exhibit mate					
0147	F	WILD	WILD	05/08/67?	KNY EAST AFRICA (WB)		[0 GEN]	SOU 01			0.000	0.0.0
				01/04/70	STEWART NAIROBI (P)		exporter-date of cpt		unkn			
				05/08/70	SOUTHAMPTON ZOO (P)		Thelma est.4ys		none			
				21/03/73	BRISTOL ZOO (P)		Thelma		1957			
				18/03/77	CHESTER ZOO (L)		Thelma		180377			
				04/10/78	BRISTOL ZOO (R)		Thelma		1957			
				29/10/81	CHESTER ZOO (L)		Thelma		180377			
							a long standing PERICARDITIS was in all probability a contributing factor in the animal's death- PM inconclusive			02/10/83		
0148	M	WILD	WILD	25/07/64	EAST AFRICA (WB)		[0 GEN]	LOD 01			0.000	0.0.0
				20/07/66	ANIMEX WARSAW (P)		<importer>		unkn			
				25/07/68	LODZ ZOO (P)		Tytan 2.0ys		1387			
				31/05/85	BRINK SOEST NL (P)		Tytan		unkn			
				01/07/85	SLP RIO GRD PQU (P)		Tytan		none			
							fracture of vertebra> OSTEOPOROSIS			29/05/86		
							1970 #: formerly deleted identical with 0044-LEN DHW subsequ, registr1999					
0149	M	0132	0144	01/01/63?	DEHIWALA ZOO (B)		[1st GEN]	DHW 03	unkn		0.000	0.0.0
							0144-Patsy's only pregnancy ABORTUS			01/01/63?		
0150	F	0031	0032	27/08/70	ZURICH ZOO (B)		[1st GEN] Mtoto 0032-Susi's only offspring	ZRH 04	700001		0.000	2.3.0
							HAEMO- CHROMATOSIS -			02/01/83		

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1970												
0150							susp. age-related					
0151	M	WILD	WILD	16/03/63? 01/08/68 13/09/68 16/09/68	KNY EAST AFRICA (WB) PT MOMBASA KNY (TF) IAE FERNDAL (P) LOS ANGELES ZOO (P)		[0 GEN] quarantine station-dpt <importer> Arthur est.5.6ys  bacterial URINARY INFECTION	LAX 02	none 04716		0.000	2.2.0
										03/03/79		
0152	F	0151	0076	20/03/70 06/11/70 11/11/70	LOS ANGELES ZOO (B) IAE GRD PRAIRIE (P) COLUMBUS POWELL (P)		[1st GEN] no name  no name 0076-Twinkle Toes' 1st offspring  UNKN MEANS - no INFO submitted	LAX 03	05714 none none		0.000	0.0.0
										10/09/71		
0153	F	WILD	WILD	30/08/66 22/07/70 30/08/70	KNY EAST AFRICA (WB) RUHE ALFELD-ZOO (P) MAGDEBURG ZOO (TD)		[0 GEN] <importer> Kenia 4.0ys status 26.04.2004	MAG 02	none 400002		0.000	1.1.0
0154							deleted identical with 0107-BCN					
0155	M	WILD	WILD	22/05/65 01/03/69 22/05/69	KNY EAST AFRICA (WB) CARR-HARTL NAIR (P) BUSCH GDS TAMPA (P)		[0 GEN] exporter-date of cpt Joe 4.0ys  HAEMOLYTIC ANAEMIA	TAM 01	unkn 15313		0.000	2.3.0
										05/01/85		
1971												
0156	F	0040	0041	24/12/70 13/12/72	ZAGREB ZOO (B) OSIJEK ZOO (P)		[1st GEN] Eva Eva 0041-Laura's only offspring  INTOXICATION	ZAG 03	none unkn		0.000	0.0.0
										31/12/72		
0157	M	0018	0019	25/11/70 20/04/72	LON-WHIPNADE (B) DUBLIN PHOENIX (P)		[1st GEN] Kijana Nanyuki KIJANA 0019-Mama Kidogo's 1st offspring UNKN MEANS - PM inconclusive	WHI 05	WHI3 72M029		0.000	0.0.0
										02/05/73		

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

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STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1 9 7 1												
0158	M	WILD	WILD	01/01/60 22/06/65 01/07/65	KNY RUMURUTI CARR-HARTL NAIR TEHERAN ZOO	REG(WB) (P) (P)	[0 GEN] N Territory (exporter) Kifaru 5.6ys cold weather STRESS <DY EST>	TEH 01	unkn unkn	01/12/82	0.000	2.3.0
0159	F	WILD	WILD	01/10/62 18/03/68 01/04/68	KNY RUMURUTI CARR-HARTL NAIR TEHERAN ZOO	REG(WB) (P) (P)	[0 GEN] N Territory (exporter) Maru 5.6ys status16.01.1987- contact established June2002-no info received remains removed	TEH 02	unkn unkn	31/12/98	0.000	2.3.0
0160	M	0158	0159	17/05/71	TEHERAN ZOO	(B)	[1st GE] Nanyuki 0159-Maru's 1st offspring same as above	TEH 03	unkn	31/12/98	0.000	0.0.0
1 9 7 2												
0161	M	0074	0075	01/01/72 08/09/73	SAN FRANCISCO DENVER ZOO	(B) (P)	[1st GEN] Rhinestone Rhinestone 0075-Stella's only offspring HAEMOLYTIC ULCERS/ SALMONELLOSIS/ EUTHanasia	SFO 03	17204 00457	23/01/95	0.000	3.3.1
0162	M	WILD	WILD	06/10/58? 01/09/60 01/10/60 06/10/60 01/06/65 02/09/65 08/09/65	KNY EAST AFRICA DEWMER LANGATA DEL GARDA ZOO DRESDEN ZOO RUHE ALFELD-ZOO V DIJK TILBG NL WROCLAW ZOO	(WB) (P) (TF) (TD) (TD) (P) (P)	[0 GEN] Pk Kny <Demmer> TKN2-Faru est.2ys Faru broker-Faru WRO1-Faru HAEMORRHAGE into JEJUNUM wall appr. 15lts	DRE 01	none none 160093 none unkn 200138	07/12/72	0.000	0.0.0

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

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1972												
0163	F	0124	0125	06/01/71	DENVER ZOO	(B)	[1st GEN] Lij 0125-Momba's 3rd offspring <b>HAEMOLYTIC ULCERS/ SALMONELLOSIS/ EUTHanasia</b>	DEN 05	00459		0.000	3.3.1
										20/02/95		
0164	M	0024	0025	22/02/71	CHESTER ZOO	(B)	[2nd GEN] Jaspa	CHE 03	220271		0.000	0.0.0
				27/03/73	PAIGNTON ZOO	(P)	R16/1-Jaspa		309			
				01/07/81	CHESTER ZOO	(L)	Jaspa		220271			
				06/08/87	LON-WHIPNADE	(L)	Jaspa		none			
				16/11/87	LON-REGENT'S PK	(L)	Jaspa		A513			
				17/01/90	PORT LYMPNE	(L)	Jaspa 0025-Susie's 2nd offspring <b>acute HAEMOLOYTIC ANAEMIA</b>		P90001	11/07/03		
0165	F	0036	0037	20/10/71	NAPLES ZOO	(B)	[1st GEN] Claire-LUCIA2	NAP 07	none		0.000	1.0.0
				15/04/74	ROME BIOPARCO	(P)	Lucia		19			
				09/10/98	PORT LYMPNE	(L)	Lucia 0037-LUCIA1' 1st offspring <b>HAEMATO- CHROMATOSIS/ EUTHanasia</b>		P98066	02/07/01		
0166	M	WILD	WILD	28/05/70	TZN EAST AFRICA	(WB)	[0 GEN]	LPZ 02			0.000	1.3.0
				18/08/71	CARR-HARTL NAIR	(P)	<exporter>		unkn			
				18/09/71	RUHE ALFELD-ZOO	(P)	<importer>		none			
				27/11/71	LEIPZIG ZOO	(TD)	Klaus	1.6ys	M00444			
				05/04/88	BERLIN ZOO	(L)	Klaus		880003			
				30/09/91	BERLIN ZOO	(TD)	Klaus <b>DEHYDRATION</b>		880003	01/10/91		
0167	F	WILD	WILD	08/10/65?	KNY EAST AFRICA	(WB)	[0 GEN]	THO 01			0.000	0.0.0
				20/02/68	SOUTHAMPTON ZOO	(P)	Chipperf Org UK		none			
				21/03/68	RUHE ALFELD-ZOO	(P)			none			
				08/04/68	THOIRY ZOO PARC	(P)	Toto	est.2.6ys	none			
				22/06/70	RUHE ALFELD-ZOO	(P)	Toto		none			
				25/06/71	LEIPZIG ZOO	(TD)	UTE <b>PULMONARY MYCOSIS/ EUTHanasia</b>		M00445	14/01/86		

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

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STUD #	S	DAN	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1972											
0168	re	minor									
0169	M	WILD	21/01/70	KNY NR TSAVO NP (WB)	[0 GEN]		DVU 01			0.000	1.3.0
			22/08/71	DVUR KRALOVE (P)	Lord	1.7ys		058001			
			22/08/72	RUHE ALFELD-ZOO (P)	Lord			none			
			21/07/72	ZEEHANDELAAR NY (P)	Lord			unkn			
			03/08/72	JACKSONVILLE (P)	Lord			872071			
			20/04/78	ZEEHANDELAAR NY (TF)	<shipper>			LORD			
			22/04/78	SAN ANTONIO ZOO (P)	Lord			781454			
					unresponsive lameness/severe DERMATITIS similar to SND/HAEMOSI- DEROSIS/EUTH				22/06/99		
0170	M	WILD	22/01/70	KNY NR TSAVO NP (WB)	[0 GEN]		DVU 02			0.000	0.2.0
			22/08/71	DVUR KRALOVE (P)	Ken	1.7ys		058002			
					ARTERIAL SCLEROSIS/ HEPATITIS/ NEPHRITIS from toxic feed				08/11/79		
0171	M	WILD	22/08/69	KNY NR TSAVO NP (WB)	[0 GEN]		DVU 03			0.000	1.0.0
			22/08/71	DVUR KRALOVE (P)	Murray	2.0ys		058004			
			11/02/76	WROCLAW ZOO (P)	KEN			200140			
			02/10/80	DVUR KRALOVE (P)	Murray			058004			
			22/04/83	BRINK SOEST NL (TF)	<shipper>			MURRAY			
			23/04/83	ZURICH ZOO (P)	Murray			830016			
			12/09/88	TALLINN ZOO (L)	MURRY			9258			
					status 01.02.2005						
0172	M	WILD	22/08/68	KNY NR TSAVO NP (WB)	[0 GEN]		DVU 04			0.000	1.0.0
			22/08/71	DVUR KRALOVE (P)	King	3.0ys		058003			
					Volvulus jejuni from toxic feed				22/04/78		
0173	F	WILD	22/08/67	KNY NR TSAVO NP (WB)	[0 GEN]		DVU 05			0.000	0.0.0
			22/08/71	DVUR KRALOVE (P)	Zina	4.0ys		058005			
					HEPATITIS/ NEPHRITIS/ continued next page				26/06/78		

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1972						PULMONARY OEDEMA from toxic feed> HAEMOLYTIC ANAEMIA					
0173											
0174	F	WILD	22/08/67 22/08/71	KNY NR TSAVO NP (WB) DVUR KRALOVE (P)	[0 GEN] Elsa (P)	4.0ys	DVU 06	058006	07/04/78	0.000	0.1.0
						HEPATITIS/chronic NEPHRITIS from toxic feed> HAEMOLYTIC ANAEMIA					
0175	F	WILD	20/02/70 22/08/71	KNY NR TSAVO NP (WB) DVUR KRALOVE (P)	[0 GEN] TGS-Jimmy or JIMMI (P)	1.8ys status 13.09.2004	DVU 07	058008		0.000	3.3.0
0176	F	WILD	22/08/68 22/08/71 26/06/72 21/07/72 03/08/72 14/05/78	KNY NR TSAVO NP (WB) DVUR KRALOVE (P) RUHE ALFELD-ZOO (P) ZEEHANDELAAR NY (P) JACKSONVILLE (P) COLUMBUS POWELL (L)	[0 GEN] Lenka (P) Lenka (P) Lenka (P) Lenka (P) BONNIE (L)	3.0ys	DVU 08	058007 none unkn 872070 782005	17/04/82	0.000	0.0.0
						HAEMOLYTIC ANAEMIA					
0177	F	WILD	22/08/68 22/08/71	KNY NR TSAVO NP (WB) DVUR KRALOVE (P)	[0 GEN] Tuty (P)	3.0ys	DVU 09	058010	24/05/78	0.000	0.0.0
						HEPATITIS/chronic NEPHRITIS from toxic feed> HAEMOLYTIC ANAEMIA					
0178	F	WILD	20/02/70 22/08/71	KNY NR TSAVO NP (WB) DVUR KRALOVE (P)	[0 GEN] Jarca (P)	1.6ys	DVU 10	058009	08/09/96	0.000	1.1.0
						mycotic PNEUMONIA/ ABSIDIOSIS/ continued next page					

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

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1972												
0178							HAEMOLYTIC ANAEMIA					
0179	F	0120	0121	30/04/70 08/06/71 08/06/71 18/02/82	ST LOUIS ZOO ZEEHANDELAAR NY MEMPHIS ZOO SAN DIEGO WAP	(B) (P) (P) (P)	[1st GEN] Olive Oil Olive Oil Olive Oil Olive Oil 0121-Olive's 1st offspring ASPHYXIA from aspiration of mud/water into respiratory passage/ GRANULOMA in lung/ HAEMOSIDEROSIS	STL 05 unkn 0269 682065	070400	28/05/82	0.000	0.0.0
0180	F	0056	0057	21/03/70 10/04/89 10/01/90	CINCINNATI ZOO COLUMBUS POWELL CINCINNATI ZOO	(B) (L) (R)	[1st GEN] Princess Princess Princess 0057-Opal's 5th- last offspring impaired DIGESTION/ EUTHanasia	CVG 07	M14005 892020 M14005		0.000	4.1.0
0181	F	WILD	WILD	14/07/66 14/07/71	KNY EAST AFRICA HIROSHIMA ASA Z	(WB) (P)	[0 GEN] Hana 5.0ys status 05.12.2003	HIR 01	none		0.000	5.7.1
0182	M	WILD	WILD	14/07/67 14/07/71	KNY EAST AFRICA HIROSHIMA ASA Z	(WB) (P)	[0 GEN] Kuro 4.0ys status 05.12.2003	HIR 02	none		0.000	7.9.1
0183	F	0184	0185	01/02/72	OSAKA TENNOJI Z	(B)	[1st GEN] 06-Satchan 0185-Barbara's 1st offspring status 05.12.2003  OSA subsequ. registrs	OSA 06	394		0.000	4.3.0
0184	M	WILD	WILD	30/04/63 08/02/65 05/04/65	KNY EAST AFRICA CARR-HARTL NAIR PT WOMBASA KNY	(WB) (P) (TF)	[0 GEN] (exporter) date of dpt continued next page	OSA 04	unkn		0.000	0.1.0

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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1972											
0184			25/04/65	PT YOKOHAMA JAP (TF)		arrival in Japan					
			25/04/65	KEIHIN YOKOHAMA (P)		<importer>		unkn			
			30/04/65	OSAKA TENNOJI Z (P)		04-Saitaro 2.0ys		392	27/02/74		
						chronic Enteritis catarrhalis					
0185	F	WILD	14/02/63	KNY EAST AFRICA (WB)		[0 GEN]	OSA 05			0.000	2.5.0
			02/06/65	CARR-HARTL NAIR (P)		<exporter>		unkn			
			20/07/65	PT MOMBASA KNY (TF)		date of dpt					
			11/08/65	PT YOKOHAMA JAP (TF)		arrival in Japan					
			11/08/65	KEIHIN YOKOHAMA (P)		<importer>		unkn			
			14/08/65	OSAKA TENNOJI Z (P)		05-Barbara 2.6ys		393			
			07/04/77	HITACHI KAMINE (D)		Barbara		none	01/10/98?		
						TRAUMATIC SHOCK					
0186	F	0120	05/03/72	ST LOUIS ZOO (B)		[1st GEN] Martini 0121-Olive's 2nd offspring	STL 06	072412		0.000	0.0.0
						acute HAEMOLYTIC ANAEMIA			20/05/81		
0187	F	0071	03/05/72	CHEYENNE COLSPR (B)		[1st GEN] Maybelle 0072' 2nd offspring	CHN 07	100435		0.000	0.0.0
						severe multiple HAEMOLYTIC CRISIS> HAEMOLYTIC ANAEMIA			13/12/86		
0188	F	WILD	01/03/70	KNY EAST AFRICA (WB)		[0 GEN]	SDW 01			0.000	0.1.0
			25/09/72	IAE FERNDALDE (P)		<importer>		none			
			30/09/72	SAN DIEGO WAP (P)		Mulenda 2.6ys		100287			
			19/05/82	SAN DIEGO ZOO (L)		Mulenda		100287			
			04/05/89	COLUMBUS POWELL (L)		Mulenda		892041	18/07/92		
						chronic DEBILITATION/EUTHANASIA					

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UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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1973												
0189	M	0052	0053	12/08/72 01/11/73	DETROIT ZOO SEDGWICK WICHIT	(B) (P)	[1st GEN] Larry Larry 0053-Bibi's 1st offspring multiple CARDIAC SEIZURES - susp. due to an autoimmune disorder	DTT 09	312 SM102		0.000	0.0.0
										07/01/78		
0190	F	0016	0017	26/11/69 20/04/72 07/06/74 08/07/74 30/07/74 28/12/76 23/09/98	LON-REGENT'S PK DUBLIN PHOENIX SOUTHAMPTON ZOO ZEEHANDELAAR NY TORONTO ZOO SAN ANTONIO ZOO DENVER ZOO	(B) (P) (P) (P) (P) (P) (L)	LON subseq. report [1st GEN] Luana Luana Chipperf Org UK Luana Luana LISA-Luana Luana 0017-June's 1st offspring general SEPTICAEMIA resulting from severe DENTAL disease/ EUTHanasia	LON 09	A3036 72N028 none unkn 4240 761258 980332		0.000	1.3.0
										18/02/00		
0191	F	0016	0017	16/11/72 09/10/73	LON-REGENT'S PK PAIGNTON ZOO	(B) (P)	[1st GEN] JoAnna R16/2-Joanna 0017-June's 2nd offspring HAEMORRHAGIC ENTERITIS	LON 10	A3037 1637		0.000	0.0.0
										14/01/74		
0192	F	0054	0055	02/05/72 05/11/73 06/10/88 14/03/95	OKLAHOMA CITY SEDGWICK WICHIT SAN DIEGO ZOO SAN DIEGO WAP	(B) (TD) (L) (L)	[2nd GEN] Edith Anne SCOOTER Scooter Edith Anne 0055-Lottie's 3rd offspring gravel IMPACTION in COLON	OKC 02	204003 SM103 588371 588371		0.000	1.0.0
										24/04/97		

KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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1973												
0193	F	WILD	WILD	17/04/69	KNY EAST AFRICA (WB)	[0 GEN]		WRO 01			0.000	0.0.0
				17/04/72	CARR-HARTL NAIR (P)	date of cpt-3.0ys			unkn			
				08/08/72	CARR-HARTL NAIR (TF)	date of dpt						
				17/09/72	WROCLAW ZOO (P)	Wikta			200139	12/04/79		
						INTESTINAL ATONY						
0194	F	WILD	WILD	26/05/70	KNY EAST AFRICA (WB)	[0 GEN]		BEK 01			0.000	4.3.0
				20/06/71	DENNER NAIROBI (P)	(exporter)			none			
				26/07/71	HOWLETTS BEKESB (P)	Naivasha 1.2ys			H71008			
				26/01/73	PORT LYMPNE (D)	Naivasha			P73001	26/03/04		
						OSTEOMYELITIS of the PHALANGEAL bone resulting from solar lesion/ poss. a consequence of chronic CORONITIS syndrome/ EUTHanasia						
0195	F	WILD	WILD	20/11/70	KNY EAST AFRICA (WB)	[0 GEN]		BEK 02			0.000	2.5.0
				15/09/71	DENNER NAIROBI (P)	(exporter)			none			
				20/10/71	HOWLETTS BEKESB (P)	Rukwa 11ms			H71007			
				26/01/73	PORT LYMPNE (D)	Rukwa status 14.06.2004			P73003			
						SYD subsequ. registration!			SYD 01-02 re1994			
0196	F	WILD	WILD	11/01/43	TZN ARUSHA NP (WB)	[0 GEN]		SYD 03			0.000	1.1.0
				01/11/46	SCHULZ ARUSHA (P)	Tzn Gm Ltd			none			
				08/12/46	HALLSTROM E TZN (TF)	date of dpt						
				11/01/47	SYDNEY TARONGA (TD)	Sonya 4.0ys			470002	12/06/74		
						non-thrombo-cytopaenic puepera haemorrhagica with HAEMOLYTIC E. coli; HAEMORRHAGE from mouth/nose/anus						

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		O?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1 9 7 3												
0197	F	0099	0100	23/08/58 28/10/91	SYDNEY TARONGA DUBBO WESTERN P (TD)	(B)	SYD subsequ. registr [1st GEN] Taronga Taronga 0100-Peggy's 1st offspring chronic FOOT ABSCESS/ mycotic PNEUMONIA/ EUTHanasia	SYD 14	580017 910076		0.000	0.2.0
										11/09/97		
0198	M	0018	0019	31/08/73	LON-WHIPSNADE	(B)	[1st GEN] M'Kuzi 0019-Mama Kidogo's 2nd offspring UNKN MEANS- no INFO submitted	WHI 06	WHI4		0.000	0.0.0
										21/11/74		
1 9 7 4												
0199	M	WILD	WILD	22/11/70 09/09/72 09/10/72 25/10/73 18/11/73 22/11/73	KNY EAST AFRICA (WB) KUENZLER ARUSHA (P) RUHE ALFELD-ZOO (P) ZEEHANDELAAR NY (P) LEOPARD LORENA (P) MEMPHIS ZOO (P)		[0 GEN] (exporter) (importer) date of dpt from Ger Vivo Animales Punion 3.0ys INFECTION assoc.	MEN 02	unkn none unkn unkn 0267		0.000	1.0.0
										20/06/79		
0200	F	0024	0025	30/11/73	CHESTER ZOO	(B)	[2nd GEN] Linda 0025-Susie's 3rd- last offspring (she died 1975) MUSCULAR DYSTROPHY	CHE 04	301173		0.000	0.0.0
										18/03/76		
1 9 7 5												
0201	M	WILD	WILD	20/02/72 28/02/74 16/04/74 20/04/74	KNY EAST AFRICA (WB) MT KNY GAME RCH (P) IAE FERNDAL (P) MIAMI METROZOO (P)		[0 GEN] Stanton Hugh-exporter (importer) Studley 2.2ys HEPATITIS	MIA 02	unkn none 109		0.000	1.0.0
										16/06/80		
0202	F	WILD	WILD	12/12/71 10/05/73 10/06/73	KNY EAST AFRICA (WB) PT MOMBASA KNY (TF) IAE FERNDAL (P)		[0 GEN] quarantine station-dpt (importer) continued next page	MIA 01	none		0.000	5.0.0

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1975												
0202				13/06/73	MIAMI METROZOO	(P)	Cora acute HAEMOLYTIC EPISODE/ general decline in health		110	22/10/99		
0203	M	WILD	WILD	09/05/71 01/10/73 09/11/73 15/04/74	KNY EAST AFRICA SEAGO J NAIROBI NAPLES ZOO ROME BIOPARCO	(WB) (P) (P) (P)	[0 GEN] (exporter) John GHIBLI NEPHRITIS	NAP 08	unkn none unkn		0.000	1.0.0
							2.6ys			12/02/83		
0204	M	0124	0125	31/10/74 01/12/75 04/12/75	DENVER ZOO ZEEHANDELAAR NY TORONTO ZOO	(B) (P) (P)	[1st GEN] Spook Spook Spook 0125-Nomba's 4th offspring lethargic/ distressed: HAEMORRHAGE in stomach/ kidneys-susp. cause INTOXICATION	DEN 06	00460 00460 6375		0.000	0.0.0
										25/07/77		
0205	F	WILD	WILD	03/12/57 07/04/67 29/04/67 03/05/67 07/07/78	KNY EAST AFRICA RUHE ALFELD-ZOO BRINK JABRIA NL AMSTERDAM ZOO KUALA L-NEGARA	(WB) (P) (TF) (P) (D)	[0 GEN] (importer) (shipper) Faroe3-FAROU2 date of dpt-Farou PNEUMONIA with nodular abscess in lungs- GANGRENE	AMS 08	none unkn none unkn		0.000	0.0.0
							9.5ys			30/11/79		
0206	F	0151	0076	27/08/71 10/02/72 27/11/73	LOS ANGELES ZOO SAN DIEGO WAP SAN DIEGO ZOO	(B) (D) (TF)	[1st GEN] Kifaru Kifaru Kifaru 0076-Twinkle Toes' 2nd offspring vesicular continued next page	LAX 04	06486 011810 011810		0.000	0.0.0
										05/02/74		

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE OF DEATH	FCOEF	OFF- SPRING
1975							DERMATITIS of undetermined cause/LYMPHOID hypoplasia or supression- was extremely dehydrated due to pathological changes of the surface area of the body- fluid excretion					
0206												
0207	F	WILD	WILD	12/07/68 01/10/72 12/07/73	KNY EAST AFRICA (WB) SEAGO J NAIROBI (P) CINCINNATI ZOO (P)		[0 GEN] exporter-date of cpt Baruti 5.0ys Aspergillus sp.- PNEUMONIA/ chronic oral -/ dermal ULCERS- Lupus-like auto- immune disease- came down with U0746 on day of death-re1999	CVG 08	unkn M14007		0.000	1.3.1
										28/06/89		
0208	M	0054	0055	10/05/75 20/07/76	OKLAHOMA CITY (B) CLEVELAND METRO (P)		[2nd GEN] Zulu Zulu 0055-Lottie's 4th offspring severe HAEMOGLOBINURIA/ acute HAEMOLYTIC crisis-auto- immune response	OKC 03	449305 760704		0.000	0.0.0
										30/07/77		
1976												
0209	M	0151	0076	23/06/75 12/12/76 14/12/76 06/04/77	LOS ANGELES ZOO (B) IAE GRD PRAIRIE (P) YOSHIKAWA KOBE (P) OSAKA TENNOJI Z (D)		[1st GEN] Saion Saion Yoshikawa's Fm-date of dpt 07-SAIUO 0076-Twinkle Toes' continued next page	LAX 05	08172 none SAION 395		0.000	1.0.0

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCDEF	OFF- SPRING
1976						3rd offspring					
0209						HAEMOLYTIC ANAEMIA			14/07/84		
0210	F	0018 0017	27/11/75 15/07/77	LON-REGENT'S PK (B) CHESTER ZOO (P)	(B) (P)	[1st GEN] Noelle Noelle June's 3rd offspring WHITE MUSCLE DISEASE- vitamin E deficiency	LON 11	A3038 14777		0.000	0.0.0
0211	re	minor							19/05/78		
0212	F	0052 0053	09/09/75 30/10/84	DETROIT ZOO ST LOUIS ZOO	(B) (L)	[1st GEN] Betsy Betsy 0053-Bibi's 2nd offspring status 14.11.2003	DTT 10	313 084437		0.000	1.2.0
0213	F	WILD WILD	01/01/71 28/02/74 16/03/74 16/04/74 16/04/74	N KNY MARSABIT (WB) MT KNY GAME RCH (P) PT MOMBASA KNY (TF) IAE FERDALE (P) SAN FRANCISCO (P)	(WB) (P) (TF) (P) (P)	[0 GEN] Reg Stanton Hugh-exporter quarantine station-dpt <importer> Elly 3.3ys status 22.07.2003	SFO 04	unkn none 17415		0.000	8.6.0
0214	F	WILD WILD	09/12/71 28/05/73 09/06/73	KNY EAST AFRICA (WB) IAE FERDALE (P) SAN ANTONIO ZOO (P)	(WB) (P) (P)	[0 GEN] <importer> Kifa 1.6ys susp. HAEMOLYTIC ANAEMIA	STA 02	none 730625		0.000	1.0.0
0215	M	WILD WILD	25/12/85 31/12/85 31/12/85 25/01/88 05/09/73	KNY EAST AFRICA (WB) KNY GW WRD DPT (TF) NAIRO ORPHANAGE (TF) CLEETHORPES ZOO (P) DUBLIN PHOENIX (P)	(WB) (TF) (TF) (P) (P)	[0 GEN] date of cpt in for HR no name 2.1ys Johnny CIRRHOISIS of the liver	CTH 01	unkn unkn none 73W020		0.000	0.0.0
0216	M	WILD WILD	02/07/70 02/07/74 20/04/76	KNY EAST AFRICA (WB) DVUR KRALOVE (P) LESNA-ZLIN ZOO (P)	(WB) (P) (P)	[0 GEN] Addo 4.0ys Addo	DVU 12	058013 202106		0.000	0.0.0

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## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
CB	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1976											
0216						exsudative BRONCHO- PNEUMONIA			31/01/78		
0217	F	WILD	26/06/72	KNY ISIOLO REG	(WB)	[0 GEN] E Afr	DVU 11			0.000	2.1.0
			28/08/74	DVUR KRALOVE	(P)	Sabi		058011			
			22/04/83	BRINK SOEST WL	(TF)	<shipper>		SABI			
			23/04/83	ZURICH ZOO	(P)	Sabi		830017			
						status 06.07.2004					
0218	F	WILD	02/07/70	KNY EAST AFRICA	(WB)	[0 GEN]	DVU 13			0.000	0.0.0
			02/07/74	DVUR KRALOVE	(P)	Satara		058012			
			20/04/76	LESNA-ZLIN ZOO	(P)	Satara		202107			
			14/07/79	DVUR KRALOVE	(P)	Satara		058012			
						ANAEMIA> ANAESTHETIC			24/04/81		
0219	M	WILD	01/01/74	KNY TANA RV DIST	(WB)	[0 GEN] E Afr	DEM 02			0.000	1.4.0
			18/10/74	DEMNER LANGATA	(P)	Pk Kny		none			
			01/12/74	DEL GARDA ZOO	(TF)	<Demmer>		none			
			19/10/75	BERLIN ZOO	(P)	Mbololo		750015			
						RENAL -/ CARDIAC INSUFFICIENCY			15/01/88		
0220	F	WILD	01/01/74	KNY TANA RV DIST	(WB)	[0 GEN] E Afr	DEM 03			0.000	0.5.0
			18/10/74	DEMNER LANGATA	(P)	Pk Kny		none			
			01/12/74	DEL GARDA ZOO	(TF)	<Demmer>		none			
			19/10/75	BERLIN ZOO	(P)	Kilaguni		750018			
						31.12.2004					
0221	F	WILD	02/11/72	KNY TANA RV DIST	(WB)	[0 GEN] E Afr	DEM 04			0.000	0.1.0
			05/05/74	DEMNER LANGATA	(P)	Pk Kny		none			
			01/12/74	DEL GARDA ZOO	(TF)	<Demmer>		none			
			05/05/75	BERLIN ZOO	(L)	Kitani		750013			
			28/10/76	BERLIN ZOO	(TD)	Kitani		750013			
						fell: RUPTURE of abdominal HAEMATOMA> EXSANGUINATION			04/02/83		
0222	M	WILD	05/11/69	KNY EAST AFRICA	(WB)	[0 GEN]	DEM 05			0.000	0.0.0
			05/05/74	DEMNER LANGATA	(P)	Pk Kny Embu		none			
			01/12/74	DEL GARDA ZOO	(TF)	<Demmer> Embu		none			
			05/05/75	BERLIN ZOO	(L)	KIBO		750014			

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## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		Q?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCDEF	OFF- SPRING
1976												
0222				27/10/76	DEL GARDA ZOO (R)		Embu		none			
				28/10/76	KANO STATE ZOO (TF)		date of arrival in Nig		none			
				29/10/76	JOS WILDLF PARK (P)		Kibo		none			
							UNKN MEANS - no INFO available <DT EST>			30/11/99		
0223	M	0086	0087	01/10/72	MYSORE SCZG	(B)	[1st GEN] Venu 0087-Mary's 2nd offspring PULMONARY TB	MYS 04	720001		0.000	1.3.0
										29/05/94		
0224	F	0086	0087	29/10/75	MYSORE SCZG	(B)	[1st GEN] Prema 0087-Mary's 3rd offspring CARDIAC ARREST	MYS 05	750003		0.000	1.4.0
										22/03/00		
0225	F	WILD	WILD	23/07/68	KNY EAST AFRICA (WB)	[0 GEN]		TAM 02			0.000	5.3.0
				01/01/70	OKAHANDJA ZOO (P)		Schulz Inc-date of cpt		none			
				24/07/71	BUSCH GDS TAMPA (P)		M325-Julie 3.0ys		15318			
				16/08/90	CINCINNATI ZOO (L)		Julie status 26.05.2004		190189			
0226	F	0155	0225	11/11/74	BUSCH GDS TAMPA (B)		[1st GEN] Frances Frances 0225-Julie's 1st offspring PNEUMONIA	TAM 03	15319		0.000	0.0.0
				19/07/78	ST-FELICIEN ZOO (P)				none			
										18/02/83		
0227	F	WILD	WILD	03/02/68	KNY EAST AFRICA (WB)	[0 GEN]		DEM 06			0.000	0.0.0
				01/03/70	STEWART NAIROBI (TF)		cpt for Demmer		unkn			
				03/03/70	DEMME LANGATA (P)		Pk Kny 2.0ys		none			
				01/06/75	DEL GARDA ZOO (TF)		<Demmer>		none			
				01/01/77	VESZPREM ZOO (L)		Susie MYOCARDITIS		none			
										21/04/79		
0228	M	WILD	WILD	11/02/69	N KNY EAST AFR (WB)	[0 GEN]		MDG 01			0.000	0.1.0
				01/12/74	IAE NANYUKI KNY (P)		captured by Don Hunt					
				11/02/75	MAIDUGURI KYARI (P)		Kaigama 6.0ys total BLINDNESS in both eyes caused by CATARACT developing continued next page		unkn			
										14/01/77		

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1976							into deep multiple ULCERS of the cornea/EUTHanasia					
0228												
0229	F	WILD	WILD	11/02/69 01/12/74 11/02/75	N KNY EAST AFR (WB) IAE NANYUKI KNY (P) MAIDUGURI KYARI (P)		[0 GEN] captured by Don Hunt Amina-Trustworthy 6.0ys no response to status inquiries since 19.01.1978 - removed	MDG 02	unkn	31/12/83	0.000	0.1.0
0230	F	0228	0229	07/08/76	MAIDUGURI KYARI (B)		[1st GEN] Hauwe-Eve 0229-Amina's only known offspring see above	MDG 03	unkn	31/12/83	0.000	0.0.0
0231	F	0118	0119	23/04/73	BUENOS AIRES Z (B)		[2nd GEN] Chiche 0119-Martita's 1st offspring UNKN MEANS - no INFO available	BUE 06	none	20/04/93	0.250	0.0.0
0232	F	0120	0121	20/08/74 02/12/75 04/12/75	ST LOUIS ZOO (B) ZEEHANDELAAR NY (P) TORONTO ZOO (P)		[1st GEN] Ruby Ruby Ruby 0121-Olive's 3rd offspring lethargic/distressed; HAEMORRHAGE in stomach/kidneys-susp. cause INTOXICATION	STL 07	074413 074413 6376	28/07/77	0.000	0.0.0
0233	F	WILD	WILD	23/11/70 01/01/72 05/10/73 18/11/73 23/11/73	KNY EAST AFRICA (WB) OKAHANDJA ZOOPK (P) PT MOMBASA KNY (TF) LEOPARD LORENA (P) CHICAGO BROOKFD (P)		[0 GEN] Schulz Inc-date of cpt quarantine station-dpt Vivo Animales-importer Judy 3.0ys continued next page	CHI 08	none unkn 22622		0.000	5.0.1

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1976												
0233				10/11/86	SAN DIEGO WAP	(L)	Judy VOLVULUS: cecum/colon granulomatous inflammation assoc. with E. coli/ PNEUMATOSIS/ intestinal cystica-was pregnant with U0721 3rd tri- mester fetus		037690	28/04/98		
0234	M	WILD	WILD	11/12/70 01/05/72 08/12/73 11/12/73	KNY EAST AFRICA (WB) REDWOOD VALLEJO (P) LEOPARD LORENA (P) CHICAGO BROOKFD (P)	[0 GEN]	Vivo Animales Courtney MUSCULO- SKELETAL/ TRAUMA> ANAESTHETIC restraint assoc.	CHI 09	none unkn 22623		0.000	1.0.0
										18/05/78		
0235	F	WILD	WILD	11/12/70 01/05/72 08/12/73 11/12/73	KNY EAST AFRICA (WB) REDWOOD VALLEJO (P) LEOPARD LORENA (P) CHICAGO BROOKFD (P)	[0 GEN]	Vivo Animales Brook chronic HAEMOLYTIC ANAEMIA/ GLOMERULO- NEPHRITIS/ HAEMOSIDEROSIS/ MYOCARDIAL FIBROSIS	CHI 10	none unkn 22624		0.000	3.3.0
										23/09/98		
0236	F	WILD	WILD	18/05/65? 17/05/68 18/05/68	KNY EAST AFRICA (WB) KEIHIN YOKOHAMA (P) NAGOYA HIGASHIY (TD)	[0 GEN]	<importer> Kinan was attacked by M exhibit mate-CHEST CONTUSIONS> TRAUMA/SHOCK	NGO 04	unkn none		0.000	0.1.0
										30/01/91		

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1 9 7 6												
0237	F	WILD	WILD	18/05/65?	KNY EAST AFRICA (WB)		[0 GEN]	NGO 05			0.000	2.1.0
				17/05/68	KEIHIN YOKOHAMA (P)		<importer>		unkn			
				18/05/68	NAGOYA HIGASHIY (TD)		Well est.3ys		none			
							HAEMATURESIS			26/01/92		
0238	M	WILD	WILD	28/06/68?	KNY EAST AFRICA (WB)		[0 GEN]	NGO 06			0.000	2.2.0
				26/06/72	KEIHIN YOKOHAMA (P)		<importer>		unkn			
				28/06/72	NAGOYA HIGASHIY (P)		Mongol est.4ys		none			
							LEPTOSPIROSIS> RENAL FAILURE			23/05/86		
0239	F	0110	0188	15/10/76	SAN DIEGO WAP (B)		[2nd GEN] Nanyuki 0188-Mulenda's only offspring	SDW 02	101929		0.000	3.0.0
							severe INJURIES inflicted by exhibit mate- RUPTURE of LIVER- was pregnant with M0748 re1999			13/06/91		
0240	F	WILD	WILD	28/03/73	KNY TANA RV DIST(WB)		[0 GEN]	DEM 07			0.000	3.3.0
				28/03/75	DEMNER LANGATA (P)		Pk Kny-cpt by Demner		none			
				01/06/75	DEL GARDA ZOOBK (TF)		<Demner> 2.3ys		none			
				06/05/77	BERLIN ZOO (P)		Mzima 31.12.2004		770025			
1 9 7 7												
0241	M	WILD	WILD	22/09/69	KNY EAST AFRICA (WB)		[0 GEN]	POW 03			0.000	1.0.0
				28/02/74	MT KNY GAME RCH (P)		Stanton Hugh-exporter		unkn			
				28/04/75	IAE GRD PRAIRIE (P)		<importer>		none			
				22/09/75	COLUMBUS POWELL (L)		Oscar 6.0ys		none			
				07/08/76	IAE GRD PRAIRIE (R)		date of dpt for ZRH		none			
				17/08/76	ZURICH ZOO (TD)		CHUNGU		760020			
							severe HAEMOSID- EROSIS in liver/ spleen/small intestine> susp. continued next page			30/09/80		

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

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1977							HAEMOLYTIC ANAEMIA					
0241												
0242	F	0036	0037	14/12/75	NAPLES ZOO	(B)	[1st GEN] Ciccica	NAP 09	none		0.000	0.0.0
				02/11/76	FASANO ZOOSF	(P)	Ciccica		none			
				02/05/78	BRINK SOEST NL	(TF)	(shipper)		CICCICA			
				07/06/78	SLP RIO GRD PQU	(P)	Ciccica		none			
				09/01/91	BROOKER GM TRD	(TD)	BAIXHINHA		0242			
				22/07/02	SANWILD WILDLF	(P)	Baixhinha		none			
							0037-LUCIA1' 2nd offspring history: animal's status unkn since 1993: found on 19.10.2003 via internet located at SanWild Wildlife Sanctuary who had rescued the animal from being hunted and shot as a trophy at Glen Afr Farm. On 17.11.2003 the animal's death was reported "Years of neglect and physical abuse is responsible for the early death of this gentle female": KIDNEY/LIVER FAILURE/internal INFECTION of unkn origin/EUTHanasia was decided			17/11/03		
0243	M	0155	0225	31/10/76	BUSCH GDS TAMPA	(B)	[1st GEN] Macho	TAM 04	17329		0.000	0.0.0
				19/07/78	ST-FELICIEEN ZOO	(P)	Macho		none			
							0225-Julie's 2nd offspring PNEUMONIA			27/10/82		
0244	F	0170	0174	02/10/77	DVUR KRALOVE	(B)	[1st GEN] Elvira	DVU 14	058014		0.000	1.2.1
							0174-Elsa's only offspring continued next page					

KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN	0?GEN	BIRTH TYPE UNKN	D	DONATION IN	TF	TRANSFER
				1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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1977												
0244							PNEUMONIA/ ANAEMIC- general poor health after aborting U0763-re2000			25/02/98		
0245	M	0142	0194	11/08/77 17/01/90 10/10/91	PORT LYMPNE LOW-REGENT'S PK PORT LYMPNE	(B) (L) (R)	[3rd GEN] Basha RP9001-Basha Basha 0194-Naivasha's 1st offspring prolonged DIARRHOEA of unkn cause- progressive weight loss/ EUTHanasia	PTL 01	P77001 A1074 P77001		0.000	1.0.0
										07/03/93		
0246	F	0161	0163	25/08/77	DENVER ZOO	(B)	[2nd GEN] Nancy 0163-Lij's 1st offspring accidental DROWNING- ems at dth	DEN 07	02723		0.000	0.0.0
										07/02/78		
0247	M	WILD	WILD	19/10/70 20/11/70 20/11/70 02/12/70 02/12/70 07/06/72 19/07/72	KNY EAST AFRICA CARR-HARTL NAIR DEMNER LANGATA RUHE ALFELD-ZOO HANOVER ZOO ZEEHANDELAAR NY CINCINNATI ZOO	(WB) (TF) (TF) (P) (TF) (P) (TD)	CVG subseq. registr [0 GEN] cpt for Ruhe Pk Kny-TF in <importer-owner> Ruhe-in for HR 1.8ys Ralph-EMBU severe shoulder -/ limb problems/ general decline in health- EUTHanasia- 32ys at death	CVG 07-2	unkn DEM1 none none unkn M14006		0.000	7.1.0
										03/10/02		

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		Q?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE OF DEATH	F COEF	OFF-SPRING
1 9 7 7												
0248	F	0086	0087	14/03/79	MYSORE SCZG	(B)	1977 #: formerly deleted identical with 0240-DEM NEW assigned to MYS subsequ. report 1999 [1st GEN] Gowri 0087-Mary's 4th offspring TB	MYS 05-2	790001		0.000	O.O.O
										11/09/92		
0249	F	WILD	WILD	05/09/68 03/07/76 05/08/76 05/09/76 04/05/83	KNY EAST AFRICA DEMNER LANGATA WALVIS BAY NMB PRETORIA ZOO S AFR ADDO NP	(WB) (P) (TF) (TD) (TD)	[0 GEN] Pk Kny quarantine station Eva 8.0ys Eva reintroduction to WILD-removed	PRY 08	none 904467 unkn		0.000	O.O.O
										31/12/83		
1 9 7 8												
0250	M	0074	0213	02/11/77 17/08/78	SAN FRANCISCO DEHIWALA ZOO	(B) (P)	[1st GEN] Livesey Livesey 0213-Elly's 2nd 0477-re1993 1st offspring UNKN MEANS - no AUTOPSY <DT BST>	SFO 06	17738 unkn		0.000	O.O.O
										28/03/95		
0251	M	WILD	WILD	12/03/75 19/04/75 20/04/75 22/05/76 12/09/76	KNY EAST AFRICA KNY GM WRD DPT MT KNY GAME RCH IAE GRD PRAIRIE ST LOUIS ZOO	(WB) (TF) (TF) (P) (P)	[0 GEN] date of cpt Stanton Hugh-HR Sugeroi Sugeroi-Sugar TOTO 18ms history: Dam was shot by Kny Game Warden after killing a man- the baby was raised by Stanton who named it Sugeroi status 14.11.2003	STL 08	unkn unkn none 076444		0.000	1.3.O

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN	0?GEN	BIRTH TYPE UNKN	D	DONATION IN	TF	TRANSFER
				1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1978												
0252	M	0120	0121	04/12/76	ST LOUIS ZOO	(B)	[1st GEN] no name	STL 09	076455		0.000	3.3.1
				25/08/78	ZEEHANDELAAR	(P)			unkn			
				25/08/78	RUHE ALFELD-ZOO	(P)			none			
				27/06/78	FRANKFURT/M ZOO	(P)	Kifaru		398			
				28/07/87	ZURICH ZOO	(L)	Kifaru2		870024			
							0121-0live's 4th offspring					
							severe COLIC from ingestion of sand			05/03/98		
0253	M	WILD	WILD	06/07/64?	KNY EAST AFRICA	(WB)	[0 GEN]	KLN 01			0.000	0.0.0
				01/08/68	BROOKER GM TRD	(P)	Gln Afr Fm		unkn			
				06/07/68	KUALA L-NEGARA	(P)	Farok-FAROUK est.4ys		unkn			
				23/04/95	BROOKER GM TRD	(TF)						
							TF out for reintrod- uction to WILD- became aggressive- EUTHanasia			23/06/95		
0254	M	WILD	WILD	09/07/68?	KNY EAST AFRICA	(WB)	[0 GEN]	BOS 01			0.000	3.1.0
				01/01/71	OKAHANDJA ZOOPK	(P)	Schulz Inc-exporter		none			
				09/07/73	PUBLIC USA	(P)	<doner>					
				09/07/73	BOSTON FRANKLIN	(D)	Radi-Pete-PETER est.5ys		100			
				09/11/76	BUFFALO ZOO	(L)	MF3RE-Radi		568A			
							IMMOBILIZED for crating> CARDIAC ARREST during anaesthesia			18/01/83		
0255	F	WILD	WILD	09/07/69?	KNY EAST AFRICA	(WB)	[0 GEN]	BOS 02			0.000	4.4.0
				01/01/71	OKAHANDJA ZOOPK	(P)	Schulz Inc-exporter		none			
				09/07/73	PUBLIC USA	(P)	<doner>					
				09/07/73	BOSTON FRANKLIN	(D)	Maridadi-BABY est.4ys		101			
				09/11/76	BUFFALO ZOO	(L)	MF1RE-Baby		568			
				21/01/83	MIAMI METROZOO	(L)	LULU		W00092			
							INFECTION continued next page			14/08/97		

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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1978												
0255							of respirator tract					
0256	F	WILD	WILD	09/07/66?	KNY EAST AFRICA (WB)	(B)	[0 GEN] Schulz Inc-exporter <doner>	BOS 03	none		0.000	0.0.0
				01/01/71	OKAHANDJA ZOO (P)	(P)	Supati-SALLY est.7ys		102			
				09/07/73	FULLER P USA (P)	(P)	MF2RE-Sally		567	05/04/78		
				09/07/73	BOSTON FRANKLIN (D)	(D)	UNKN MEANS - no AUTOPSY					
				09/11/76	BUFFALO ZOO (L)	(L)						
0257	M	0254	0255	09/12/77	BUFFALO ZOO	(B)	[1st GEN] Hank-Henry-ARTHUR	BUF 01	681		0.000	0.0.0
				28/11/79	TULSA ZOO	(L)	Arthur Sired at BOS 0255-Baby's 2nd 0615-re1996 1st offspring		3700	16/01/80		
							CARDIAC ARREST> ANAESTHETIC					
0258	M	0054	0055	16/10/77	OKLAHOMA CITY (B)	(B)	[2nd GEN] Little Foose	OKC 04	693006		0.000	0.0.0
				12/08/79	ZEEHANDELAAR NY (P)	(P)	Little Foose		unkn			
				28/08/79	RUHE ALFELD-ZOO (P)	(P)	Little Foose		none			
				05/10/79	HABANA PZN CUBA (P)	(P)	Little Foose 0055-Lottie's 5th offspring		none	31/12/85		
							UNKN MEANS - no INFO available <DT EST>					
0259	M	0182	0181	10/04/77	HIROSHIMA ASA Z (B)	(B)	[1st GEN] Toshi <shipper>	HIR 04	none		0.000	4.3.0
				01/11/83	ARITAKE T TOKYO (TF)	(TF)	Toshi		TOSHI M00208			
				10/11/83	MIAMI METROZOO (P)	(P)	0181-Hana's 2nd offspring 0617-re1996 1st pregnancy status 11.10.2004					

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN	0?GEN	BIRTH TYPE UNKN	D	DONATION IN	TF	TRANSFER
				1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

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1 9 7 8												
0260	M	0099	0101	20/05/75 18/07/88 10/12/92	SYDNEY TARONGA BERLIN ZOO DVUR KRALOVE	(B) (TD) (L)	SYD subsequ. registr [2nd GEN] Cody Cody Cody 0101-Beauty's only offspring necrotic ENTERITIS/ chronic PNEUMONIA/ NEPHROSIS) terminal COLLAPSE	SYD 22	750017 880031 058029		0.250	2.1.1
0261	M	WILD	WILD	24/02/70? 24/02/75	KNY EAST AFRICA (WB) DELHI NAT ZOOPK (P)		[0 GEN] no name est.5ys UNKN MEANS - no INFO available	NDL 01			0.000	1.1.1
									NDL1			02/02/93
0262	F	WILD	WILD	24/02/72? 24/02/75	KNY EAST AFRICA (WB) DELHI NAT ZOOPK (P)		[0 GEN] no name est.3ys UNKN MEANS - no INFO available <DT EST>	NDL 02			0.000	1.1.1
									NDL2			31/12/94
0263	F	WILD	WILD	28/11/55 20/09/57 28/11/57	KNY EAST AFRICA (WB) DENMER NAIROBI (P) BEIJING ZOOL GD (TD)		[0 GEN] (exporter) Feia 2.0ys UNKN MEANS - no AUTOPSY	PKG 01	none none		0.000	1.2.0
												16/03/94
0264	F	0276	0263	26/01/65 17/09/82	BEIJING ZOOL GD (B) SHIJIAZHUANG Z (P)		[1st GEN] No2 No2 0263-Feia's 1st offspring UNKN MEANS - no AUTOPSY	PKG 03	none none		0.000	0.0.0
												09/02/80
0265	F	0276	0263	04/09/70	BEIJING ZOOL GD (B)		[1st GEN] No3 0276-Feia's 3rd 0644-re1996 2nd offspring UNKN MEANS - no AUTOPSY	PKG 05	70-2		0.000	0.0.0
												06/11/91

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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1 9 7 8												
0266	M	0046	0139	04/01/78 17/04/84 26/04/84	WASHINGT NATZOO (B) IAE GRD PRAIRIE (P) SEOUL GRAND PRK (P)		[2nd GEN] Nepo Nepo Nepo 0139-Mary's only offspring PNEUMONIA	WAS 09	102178 13989 unkn		0.250	0.0.0
										31/12/84		
0267	F	0056	0207	16/09/76 18/12/78 20/12/78 01/05/79 27/10/79 15/06/81	CINCINNATI ZOO (B) IAE GRD PRAIRIE (TD) COLUMBUS POWELL (L) IAE GRD PRAIRIE (R) LOS ANGELES ZOO (L) LOS ANGELES ZOO (TD)		[1st GEN] no name no name Sweet Pea Sweet Pea 0207-Baruti's 1st offspring EUTHANASIA due to increasing weakness and final inability to stand; multifocal granulomatous PNEUMONIA with INTERSTITIAL FIBROSIS/ HAEMOSIDEROSIS/ moderate chronic INTERSTITIAL NEPHRITIS/ lymphoid depletion	CVG 09	M14008 2867 none 2867 09851 09851		0.000	0.1.0
										12/01/01		
0268	M	0247	0180	03/11/77 13/11/78 15/11/78 17/11/78	CINCINNATI ZOO (B) ZEEHANDELAAR NY (TF) RUHE ALFELD-ZOO (P) DVUR KRALOVE (P)		[2nd GEN] Bubba (shipper) TG2-ISIS 0180-Princess' 1st offspring status 13.09.2004	CVG 10	M14010 BUBBA none 058016		0.000	4.4.0

KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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1 9 7 8												
0269	M	0018	0017	20/09/78 03/12/80	LON-REGENT'S PK (B) MARWELL WINCHES (L)		[1st GEN] Kes M1-Kes 0017-June's 4th offspring suppurative Klebsiella- BRONCHO- PNEUMONIA	LON 12	A3039 800003		0.000	0.0.0
										26/02/86		
1 9 7 8												
0270	F	0036	0037	25/07/78 10/06/82	NAPLES ZOO (B) FRANKFURT/M ZOO (P)		[1st GEN] Loredana Loredana 0037-LUCIA1' 3rd offspring CIRCULATORY COLLAPSE during ANAESTHESIA for treatment of damaged horn-was pregnant with U0872 re2002	NAP 10	none 397		0.000	1.0.1
										07/12/86		
1 9 7 8												
0271	M	0241	0150	18/09/78 05/08/80	ZURICH ZOO (B) CHICAGO BROOKFD (P)		[2nd GEN] Embu Embu 0150-Mtoto's 1st offspring susp. chronic KIDNEY damage> HAEMOLYTIC ANAEMIA	ZRH 06	780025 24401		0.000	2.3.0
										18/05/83		
1 9 7 9												
0272	M	0201	0202	07/12/78 28/11/79 26/11/79 27/11/79 28/11/79	MIAMI METROZOO (B) ZEEHANDELAAR NY (TF) RUHE ALFELD-ZOO (P) BUENOS AIRES Z (P)		[1st GEN] Amani TF for Ruhe Amani date of dpt Amani 0202-Cora's 1st offspring susp. shipping STRESS after- effect	MIA 03	202 AMANI none none		0.000	0.0.0
										20/02/80		

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

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1979												
0273	F	WILD	WILD	18/04/71	KNY EAST AFRICA (WB)		[0 GEN]	NCL 01			0.000	0.0.0
				28/02/74	MT KNY GAME RCH (P)		Stanton Hugh-exporter		unkn			
				16/04/74	IAE FERNDAL (P)		(importer)		none			
				17/04/74	ASHEBORO NCAROL (P)		Bertha 3.0ys		1358			
				10/11/78	LEOPARD LORENA (P)		Vivo Animales		BERTHA			
				11/11/78	BUFFALO ZOO (P)		Bertha		780	20/09/80		
							INJURY of urinary tract when bred by M0254-Radi/TRAUMA/ extensive internal HAEMORRAGE					
0274	M	WILD	WILD	18/04/72	KNY EAST AFRICA (WB)		[0 GEN]	NCL 02			0.000	0.0.0
				28/02/74	MT KNY GAME RCH (P)		Stanton Hugh-exporter		unkn			
				16/04/74	IAE FERNDAL (P)		(importer)		none			
				17/04/74	ASHEBORO NCAROL (P)		no name 2.0ys		1359	30/04/74		
							SALMONELLOSIS					
0275	M	WILD	WILD	24/04/73	KNY EAST AFRICA (WB)		[0 GEN]	NCL 03			0.000	0.0.0
				18/10/74	IAE FERNDAL (P)		(importer)		none			
				24/10/74	ASHEBORO NCAROL (P)		Bruno 1.6ys		1360	03/02/77		
							self-induced HYPOTHERMIA-layed down in wet moat- appeared to give up					
0276	M	WILD	WILD	28/11/55	KNY EAST AFRICA (WB)		[0 GEN]	PKG 02			0.000	1.2.0
				20/09/57	DEMNER NAIROBI (P)		(exporter)		none			
				28/11/57	BEIJING ZOOL GD (TD)		Afei 2.0ys		none	11/10/77		
							mortal INJURIES inflicted by exhibit mate					
0277	M	0009	0153	23/01/79	MAGDEBURG ZOO (B)		[1st GEN] Mabu	MAG 03	400003		0.000	0.3.0
				04/10/92	DVUR KRALOVE (TD)		Mabu 0153-Kenia's 1st offspring		058030	15/10/96		
							chronic continued next page					

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/£	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1979											
0277						ANAEMIA/ terminal bacterial PNEUMONIA					
0278	F	0018 0019	18/09/79 09/06/81	LON-WHIPNADE MARWELL WINCHES	(B) (L)	[1st GEN] Katie F1-Katie 0019-Mama Kidogo's 4th offspring 0524-re1995 3rd pregnancy terminal CONGESTIVE HEART FAILURE- poss. related to tympanic reaction in the large bowel	WHI 08	WHI5 810003	0.000	D.O.O	
								18/03/88			
0279	F	0161 0163	03/11/79	DENVER ZOO	(B)	[2nd GEN] Shakti 0163-Lijj's 2nd offspring ENCEPHALOMALACIA- susp. intoxication from mouldy feed or a vitamin deficiency- no inherited disorder-53dys at death	DEN 08	04305	0.000	D.O.O	
								28/12/79			
0280						not assigned					
1980											
0281	M	0074 0213	08/12/79 19/02/81 19/02/81 30/04/81 04/05/81	SAN FRANCISCO ZEEHANDELAAR NY SAN DIEGO ZOO ZEEHANDELAAR NY DETROIT ZOO	(B) (P) (TF) (R) (P)	[1st GEN] Stonebreaker Stonebreaker stationed at SD2 Stonebreaker HERCULES 0213-Elly's 3rd offspring TORSION continued next page	SFO 07	17966 17966 none 17966 505	0.000	0.1.0	
								17/12/87			

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN	0?GEN	BIRTH TYPE UNKN	D	DONATION IN	TF	TRANSFER
				1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1980 0281							of CBCUM					
0282	F	0170	0217	05/07/78	DVUR KRALOVE	(B)	[1st GEN] TG8-Sali 0217-Sabi's 1st offspring status 13.09.2004	DVU 15	058015		0.000	2.4.0
0283	M	0172	0175	18/03/79	DVUR KRALOVE	(B)	[1st GEN] TG3-Jim 0175-Jimmi's 1st offspring status 13.09.2004	DVU 16	058017		0.000	1.7.0
0284	F	0182	0181	12/09/79 07/04/87 13/04/87	HIROSHIMA ASA Z (B) IAE TOKYO JAPAN (P) TAIPEI ZOO (P)	(B) (P) (P)	[1st GEN] Nami Nami SHI NI 0181-Hana's 3rd offspring status 26.07.2000- no response to status inquiries	HIR 05	none unkn 1893		0.000	1.1.0
0285	M	0199	0126	07/11/78 27/08/79 27/10/79 15/06/81 11/04/02	MEMPHIS ZOO (B) IAE GRD PRAIRIE (P) LOS ANGELES ZOO (L) LOS ANGELES ZOO (TD) PEACE RV REFUGE (L)	(B) (P) (L) (TD) (L)	[2nd GEN] Buck Buck BUSTER Buster Buster 0128-Snoopy's only offspring status 04.04.2004	MEH 03	1666 3040 09850 09850 102024		0.000	1.1.0
0286	re minor											
0287	F	0238	0236	07/06/79 16/08/82	NAGOYA HIGASHIY (B) CHENGDU ZOOL GD (P)	(B) (P)	[1st GEN] Mack Mack 0236-Kinan's only offspring susp. shipping STRESS after-effect <DT EST>	NGO 08	none none		0.000	0.0.0
										20/08/82		
0288	M	0238	0237	13/02/80 16/08/82	NAGOYA HIGASHIY (B) CHENGDU ZOOL GD (P)	(B) (P)	[1st GEN] Botti Botti continued next page	NGO 09	none none		0.000	0.0.0

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/\$	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1980 0288							0237-Mell's 2nd offspring 1st F0595-re1996 susp. shipping STRESS after-effect <DT EST>			21/08/82		
0289	M	0203	0185	03/02/80	ROME BIOPARCO	(B)	[2nd GEN] Gennaro-Gennarino-RINO 0185-Lucia's only offspring severe INTERSTITIAL NEPHRITIS	ROM 01	unkn		0.000	0.0.0
0290	F	0071	0072	06/11/70	CHEYENNE COLSPR	(B)	CHN subsegu. registr [1st GEN] 0072' 1st offspring PNEUMONIA- 4dys at death	CHN 06	100477		0.000	0.0.0
1981 0291							deleted identical with 0052-PKG					
0292	M	0079	0293	11/12/79 06/03/81 11/03/81 25/05/83 11/04/85 22/10/86 10/05/01	GRANBY ZOO WICHKEN BRD FMS SAN DIEGO ZOO SAN DIEGO MAP SAN DIEGO ZOO SAN DIEGO MAP CALDWELL TYLER	(B) (P) (P) (D) (D) (D) (L)	GRB subsegu. reports [1st GEN] Cornelius Cornelius Cornelius Cornelius Cornelius Cornelius Cornelius 0293-Suzie's 1st offspring status 27.05.2004	GRB 05	790039 790039 181039 181039 181039 181039 104639		0.000	9.0.1
0293	F	WILD	WILD	06/06/70? 28/05/73 06/06/73	KNY EAST AFRICA IAE FERNDAL GRANBY ZOO	(WB) (P) (P)	[0 GEN] <importer> Suzie est.3ys HAEMOLYTIC ANAEMIA	GRB 04	none 700008		0.000	1.1.0
										17/12/86		

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1981												
0294	F	0189	0190	21/05/81	SAN ANTONIO ZOO	(B)	[2nd GEN] no name	STA 05	811515		0.000	0.0.0
				23/07/82	CHICAGO LINCOLN	(P)	Marsha		6798			
				10/09/99	OKLAHOMA CITY	(L)	Marsha		763225			
				25/07/02	OKLAHOMA CITY	(D)	Marsha		763225			
							0190-Luana's 2nd offspring status 09.07.2003					
0295	F	0009	0153	15/09/81	MAGDEBURG ZOO	(B)	[1st GEN] Mana	MAG 04	400004		0.000	0.2.0
							0153-Kenia's 2nd offspring status 26.04.2004					
0296	M	WILD	WILD	08/01/62?	KNY EAST AFRICA	(WB)	[0 GEN]	CPC 01			0.000	0.0.0
				01/01/64	RUHE ALFELD-ZOO	(P)	<importer>		none			
				08/06/64	CHAPULTEPEC ZOO	(P)	Carlos est.2ys		none			
							HAEMORRHAGIC ENTERITIS/ metabolic acidosis- had high leptospira titres at death which may implicate that LEPTOSPIROSIS had a part in the animal's death			16/12/02		
0297	F	WILD	WILD	08/01/62?	KNY EAST AFRICA	(WB)	[0 GEN]	CPC 02			0.000	0.0.0
				01/01/64	RUHE ALFELD-ZOO	(P)	<importer>		none			
				08/06/64	CHAPULTEPEC ZOO	(P)	Susi-SUSANA est.2.5ys		none			
							HAEMORRHAGIC ENTEROCOLITIS/ RENAL-HEPATIC failure- suffered from leptospirosis			14/03/95		
0298	F	0219	0221	23/12/81	BERLIN ZOO	(B)	[1st GEN] Theluji-Snow Flake	BE 03	810022		0.000	0.1.0
							0221-Kitani's only offspring continued next page					

KEY FOR TERMS:

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B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1981												
0298							degenerative NEPHRITIS/ acute CARDIO- CIRCULATORY collapse			26/05/92		
0299	F	WILD	WILD	01/01/74? 01/01/76	TZN EAST AFRICA (WB) HABANA PZN CUBA (P)		[0 GEN] Duga est.2ys UNKN MEANS- no INFO available <DT EST>	LHC 01	none	31/12/85	0.000	0.0.0
0300	M	0169	0190	29/03/79	SAN ANTONIO ZOO (B)		STA subsequ. registration [2nd GEN] 0190-Luana's 1st offspring ABORTUS- near full term young- cause for abortion was not determined	STA 04	791311	29/03/79	0.000	0.0.0
0301	M	0056	0207	25/02/80 23/06/81 25/06/81	CINCINNATI ZOO (B) IAE GRD PRAIRIE (TD) SEDGWICK WICHIT (P)		[1st GEN] Eugene 6301-Eugene BORA 0207-Baruti's 2nd offspring status 30.12.2004	CVG 11	M14016 M14016 779		0.000	4.4.0
0302	M	0247	0180	07/08/80 28/09/81 27/11/94 29/11/94 27/10/02	CINCINNATI ZOO (B) SAN DIEGO WAP (L) SCHROFF CHICAGO (TF) DUBBO WESTERN P (L) PORT LYMPNE (L)		[2nd GEN] Mwaniki- DUBBO Mwaniki <shipper> Mwaniki Mwaniki 0180-Princess' 2nd offspring status 14.06.2004	CVG 12	M14019 681515 MWANIKI 940168 P22044		0.000	1.0.0
0303	M	WILD	WILD	21/11/53? 01/07/55	EAST AFRICA (WB) V DIJK TILBG NL (P)		[0 GEN] <importer> continued next page	BKD 01	unkn		0.000	0.0.0

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1981 0303				21/11/55	BANGKOK DUSIT	(P)	Tui est. 2ys  INTERSTITIAL PNEUMONIA		none	28/04/85		
1982 0304	U	0161	0163	09/07/81	DENVER ZOO	(B)	[2nd GEN] 0163-Lij's 3rd pregnancy ABORTUS - 7ma fetus - advanced autolization - sexing not possible	DEN 09	810101	09/07/81	0.000	0.0.0
0305	M	0182	0181	31/03/81 01/11/83 10/11/83	HIROSHIMA ASA Z (B) ARITAKE T TOKYO (TF) CHEYENNE COLSPR (P)	(B)	[1st GEN] Aki (shipper) WATSON 0181-Hana's 4th offspring fecal IMPACTION> systemic bacterial INFECTION	HIR 06  AKI 101541	none		0.000	1.0.0
0306	F	0142	0195	18/05/80	PORT LYPNE	(B)	[3rd GEN] 0195-Rukwa's 1st pregnancy STILLBIRTH - premature  1982 #: formerly deleted-identical with 0143-GRB- NEW assignend to MYS subsequ. report 1999	PTL 02	P80027	18/05/80	0.000	0.0.0
0307	F	0223	0224	02/04/84	MYSORE SCZG	(B)	[2nd GEN] Laxmi 0224-Prema's 1st pregnancy STILLBIRTH	MYS 06-2	840013	02/04/84	0.250	0.0.0
0308	M	0074	0213	18/10/81 11/06/82 17/06/82	SAN FRANCISCO (B) ZEEHANDELAAR NY (TF) CHICAGO LINCOLN (L)	(B)	[1st GEN] Johnstone (shipper) MARSHALL continued next page	SFO 08	18154 JOHNSTONE 6780		0.000	1.0.0

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1982												
0308				05/10/00	THE WILDS	(L)	Marshall		MM1001			
				25/06/03	CINCINNATI ZOO	(D)	Marshall 0213-Elly's 4th offspring status 26.05.2004		103096			
0309	F	0155	0225	30/06/81	BUSCH GDS TAMPA	(B)	[1st GEN] Juliette 0225-Julie's 3rd offspring  Prolapsus recti/ Prolapsus uteri/ rectal- vaginal fistula/ prolapse of urinary bladder	TAM 05	16616		0.000	0.0.0
										19/08/82		
0310	F	0219	0240	05/05/82	BERLIN ZOO	(B)	[1st GEN] Wbili 0240-Wzima's 1st offspring  POLY- ARTHRITIS	BE 04	820032		0.000	0.0.0
										01/03/84		
0311	F	WILD	WILD	24/05/74	KNY EAST AFRICA	(WB)	[0 GEN]	HAI 01			0.000	0.0.0
				30/07/74	MT KNY GAME RCH	(P)	Stanton Hugh-HR		unkn			
				22/10/74	IAE FERDALE	(P)	(importer)		none			
				24/10/74	HAINES CITY FL	(P)	Kenya	Sms	KENYA			
				08/10/84	COLUMBUS POWELL	(L)	TOSHI		842122			
				23/10/86	HAINES CITY FL	(R)	Kenya		KENYA			
				14/12/86	DALLAS ZOO	(P)	Kenya  bacterial invasion of integument/ EUTHanasia		864857			31/12/94
0312	F	0018	0017	22/05/82	LON-REGENT'S PK	(B)	[1st GEN] RP8201- Esther	LON 13	A1869		0.000	2.2.0
				09/05/84	CHESTER ZOO	(L)	Esther  continued next page		1006			

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/LOCAL ID	DATE of DEATH	FCOEF	OFF-SPRING
1982												
0312				31/12/96	CHESTER ZOO	(D)	Esther 0017-June's 5th offspring sudden death: generalized HAEMOSIDEROSIS - PM inconclusive		1006	12/10/00		
0313	F	0158	0159	01/06/73?	TEHRAN ZOO	(B)	TEH subseq. reports [1st GEN] Maruni 0159-Maru's 2nd offspring status 16.01.1987- contact established June 2002- no info received remains removed	TEH 04	unkn		0.000	0.0.0
										31/12/98		
0314	M	0158	0159	01/06/75?	TEHRAN ZOO	(B)	[1st GEN] Nagatu 0159-Marus's 3rd offspring UNKN MEANS - no AUTOPSY <DT EST>	TEH 05	unkn		0.000	0.0.0
										31/12/84		
0315	F	0158	0159	01/12/77?	TEHRAN ZOO	(B)	[1st GEN] Marubi 0159-Maru's 4th offspring status 16.01.1987 re 0313	TEH 06	unkn		0.000	0.0.0
										31/12/98		
0316	F	0158	0159	01/10/80?	TEHRAN ZOO	(B)	[1st GEN] no name 0159-Maru's 5th- last know offspring UNKN MEANS - no AUTOPSY - 4ms at death <DY EST>	TEH 07	unkn		0.000	0.0.0
										01/02/81		
0317	F	0056	0207	29/09/82 12/06/84	CINCINNATI ZOO CHICAGO LINCOLN (L)	(B)	[1st GEN] Naivasha Naivasha continued next page	CVG 13	M14028 7421		0.000	1.0.0

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1982												
0317				28/11/00	CHICAGO BROOKFD (L)		Naivasha		0388			
				24/07/03	CHICAGO LINCOLN (L)		Naivasha 0207-Baruti's 3rd offspring status 09.07.2003		7421			
0318	M	0022	0019	04/10/82	LON-WHIPNADE	(B)	[2nd GEN] Parky	WHI 09	WHI6		0.000	2.3.0
				02/05/84	CHESTER ZOO	(L)	Parky		1005			
				14/10/94	PORT LYMPNE	(L)	Parky		P94038			
				18/09/96	CHESTER ZOO	(L)	Parky		1005			
				02/10/98	ZURICH ZOO	(L)	Parky 0019-Mama Kidogo's 5th offspring status 06.07.2004		980054			
0319	M	0054	0055	27/03/82	OKLAHOMA CITY	(B)	[2nd GEN] no name-HR 0055-Lottie's 7th offspring mineralizing MYOCARDITIS/ PLEURITIS/ PNEUMONIA- 18dys at death	OKC 05	021410		0.000	0.0.0
										14/04/82		
0320	M	WILD	WILD	31/03/55	KNY EAST AFRICA (WB)	[0 GEN]		FUK 02			0.000	1.0.1
				31/03/58	FUKUOKA ZOOL GD (P)		Kuro 3.0ys		none			
				25/08/76	KAGOSH HIRAKAWA (P)		Kuro		none			
				13/06/86	NAGOYA HIGASHIY (P)		Kuro		none			
				30/05/88	YOSHIKAWA KOBE (P)		Yoshikawa's Fm-Kuro died on Yos' Farm intended destination Yokohama Kanazawa UNKN MEANS- no AUTOPSY		KURO			
										31/01/90		
0321	F	WILD	WILD	05/10/70?	KNY EAST AFRICA (WB)	[0 GEN]		KAG 01			0.000	1.0.0
				05/10/72	KAGOSH HIRAKAWA (P)		Hanako est.2ys		none			
							acute HAEMORRHAGIC ENTERITIS			05/09/83		

## KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1982											
0322	M	0320	0321	23/04/81	KAGOSH HIRAKAWA (B)	[1st GEN] Kurobe 0321-Hanako's only offspring acute HAEMORRHAGIC ENTERITIS	KAG 03	none	21/02/83	0.000	0.0.0
0323	M	WILD	WILD	29/10/71? 29/10/74	KNY EAST AFRICA (WB) HITACHI KAMINE (P)	[0 GEN] Doro est.3ys MYOCARDITIS	HIT 02	none	06/02/93	0.000	2.4.0
0324	M	WILD	WILD	05/08/67? 05/08/69	KNY EAST AFRICA (WB) HITACHI KAMINE (P)	[0 GEN] no name est.2ys INTERSTITIAL EMPHYSEMA	HIT 01	none	12/12/69	0.000	0.0.0
0325	F	WILD	WILD	01/01/64? 01/01/66 12/06/69	KNY EAST AFRICA (WB) FUKUOKA ZOO GD (P) HITACHI KAMINE (P)	[0 GEN] no name est.2ys no name PNEUMONIA	FUK 05	none none	06/09/74	0.000	0.0.0
0326	M	WILD	WILD	14/10/67? 14/10/69 21/07/71	KNY EAST AFRICA (WB) KUMAMOTO ZOO GD (P) HITACHI KAMINE (P)	[0 GEN] no name est.2ys no name PULMONARY GANGRENE	KUM 01	none none	16/11/73	0.000	0.0.0
0327	F	0323	0185	05/11/80	HITACHI KAMINE (B)	[1st GEN] 0185-Barbara's 2nd pregnancy 3rd 4th re1996 STILLBIRTH	HIT 03	none	05/11/80	0.000	0.0.0
0328	F	0161	0163	15/11/82	DENVER ZOO (B)	[2nd GEN] Onyx 0163-Lij's 4th offspring chronic ANAEMIA/ poss. CARDIAC and/or LIVER disease/ EUTHanasia	DEN 10	06258	11/09/96	0.000	1.1.0

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

STUD #	S	SIRE	DAM	DATE OF BIRTH/ARRIVAL	LOCATION OF BIRTH/TRANSFER	TERMS	GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH	BREEDER NAME/#	ARKS/ LOCAL ID	DATE of DEATH	FCOEF	OFF- SPRING
1982												
0329	M	0261	0262	15/06/79	DELHI NAT ZOO	(B)	[1st GEN] no name 0262' 1st offspring PERITONITIS- 30dys at death	NDL 03	NDL3		0.000	0.0.0
										15/07/79		
0330	F	0261	0262	28/12/81	DELHI NAT ZOO	(B)	[1st GEN] no name	NDL 04	NDL4		0.000	1.0.0
				02/02/89	OKLAHOMA CITY	(TD)	Jeri		484717			
				28/06/91	ST LOUIS ZOO	(L)	Jeri		911606			
				11/12/94	SAN DIEGO WAP	(L)	Jeri		694690			
							0262' 2nd offspring EOSINOPHILIC ULCERS in mouth/ MULTIORGAN FAILURE due to disseminated fungal infection- Zygomycetes or Rhizopus- like infection			20/02/99		
1983												
0331	F	0169	0190	11/12/82	SAN ANTONIO ZOO	(B)	[2nd GEN] Holly-GERTRUDE	STA 06	821209		0.000	2.0.0
				15/07/84	KANSAS CITY ZOO	(P)	Gertrude		101854			
				13/01/87	SAN FRANCISCO	(TD)	Gertrude		187002			
				14/01/87	CHEYENNE COLSPR	(L)	SHY ANNE		870004			
				03/10/00	DENVER ZOO	(L)	Shy Anne 0190-Luana's 3rd offspring status 05.07.2004		A00272			
0332	M	0247	0180	11/01/83	CINCINNATI ZOO	(B)	[2nd GEN] Akeem	CVG 14	M14032		0.000	2.1.0
				13/07/84	DENVER ZOO	(P)	GEORGE 0180-Princess' 3rd offspring status 05.07.2004		07986			
0333-0334	re	minor										
0335	deleted	identical	with	0034-ATL								
0336	re	minor										

KEY FOR TERMS:

WB	WILD BORN	BL	BREEDING LOAN IN	L	LOAN IN	P	PURCHASE
B	CAPTIVE BORN	LO	BREEDING LOAN OUT	R	LOAN RETURN	TD	TRADE
UB	BIRTH TYPE UNKN			D	DONATION IN	TF	TRANSFER
		0?GEN	BIRTH TYPE UNKN	1st?GEN	PARENTS UNKN		

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with available data from FIRST CAPTIVE LOCATION