

RHINOCEROS DATA  
BY R.T. REUTHER

mail to Room 401

On the night of 1 January 1972, a male black rhinoceros was born at the San Francisco Zoological Gardens, the first in our history. Stimulated by this significant birth, I have composed a list of captive births of black rhinoceroses known to me. It is very encouraging to note the significant increase in captive births in recent years of this rare species. Our baby was born 13 months and 3 weeks after known last copulation of the parents. Several other observations of copulation in black rhinos (in one case within 2 or 3 months of birth) suggests that copulation may occur after conception and thus gestation measured from last copulation is not always valid.

Most authors give gestation as 450 to 490 days, although Jarvis and Morris give the average as 540 days (at uncited locations) and Kloes and Fradrich give 432 to 463 days. More critical research is needed to verify gestation.

A baby was born at Pittsburg to captive born parents; the father was 5 years, 10 months, 19 days old and the mother 6 years, 9 months, 12 days old; assuming a 15 month gestation, the father was approximately 4 years, 7 months old at breeding and the mother 5 years, 6 months old.

At Los Angeles the same mother produced calves 17 months apart, the young being hand reared

A mother at Kobe Zoo produced calves approximately 24 months apart.

A male born at Bristol Zoo was still nursing at 19 months.

Mary, a female, still alive at the Brookfield Zoo, has been at the zoo 38 years and appears to be the longevity record to date. Player and Feely cite a female white rhino still producing calves at age 36.

Goddard found mean expectation of life at birth in wild black rhinos in East Africa as 8.4 years, a mean calving interval of 2.5 years, assumed mean age of maturity of 5.5 years, and evidence for reproduction into very old age.

He believes one wild black rhino reached sexual maturity at 4.3 years of age and another at 4.5 years of age.

In volume 11 of the International Zoo Yearbook, there were listed 130 black rhinos in captivity with 27 captive born.

Chronological List of Captive Born Black Rhinoceroses\*

	Sex	Name	Zoo	Birthdate	Remarks	
1.	M	✓	Brookfield	7 Oct. 41		
2.	M	✓	Brookfield	19 Sep. 44		
3.	F M	✓	Rio	14 Feb. 54		
4.	M	✓	Rio	19 mch. 56		
5.			Buenos Aires	Apr. 56	Died in few days	
6.	M	✓	Frankfurt	24 Dec. 56		
7.	M		Buenos Aires	2 Jan. 58		
8.	F		Denver ← incorrect	20 Jan. 58 <sup>68</sup>		
9.	M	RIO ✓ Roger	Bristol	22 Aug. 58	58 (JULY AUG?) DIED '61	
10.	F		Taronga	23 Aug. 58		
11.	M		Sydney	11 Oct. 58	Sept. stillborn	
12.	F	LEMUTA	FRANKFURT BUENOS AIRES	10 DEC 58 <sup>59</sup>		
13.	F		Cincinnati	Mar. 60	Breechbirth-died	
14.	F	✓	Sydney	17 Apr. 60	Died 8 May 66	
15.	F		Laura	Rotterdam	29 Aug. 60	
16.	M		Faru I	Pittsburg	23 Oct. 60	
17.	F		Lottie = CHA-CHA	Cincinnati	27 May 61	- 27 JULY 61? PER CHS RE MAN
18.	M		Ronald	Bristol	28 Dec. 61	
19.	F		Buenos Aires	22 Mar. 62		
20.	M		Clyde	Detroit	19 Apr. 62	
21.	F		Squeaker	Sydney	11 Jan. 63	
22.	M		Faru II	Pittsburg	14 Apr. 63	
23.	M		Bobby	Kobe	16 Nov. 63	64
24.	F		Rhona	BRISTOL	24 Aug. 64	
25.	M		Brook	Cincinnati	30 Sep. 64	
26.	F	BEGLAH	DETROIT	1 NOV 64		

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29 F	Beauty	Sydney	2 May 65	
30 M	Rupert (Kasper)	Hanover	28 Jun. 65	
31 F		Sydney	19 Aug. 65	Died 21 Aug 65
32 M	Pincoa	Lisbon	22 Sep. 65	
33 M	Faru III	Pittsburg	4 Oct. 65	
34 M	Rock	Koba	2 Nov. 65	'65
35 M	Nandi	Mysore	26 Aug. 66	'67 STILL BORN
36 M	Pompey	FRANKFURT	26 May. 67	
37		Kansas City	Jul. 67	Died next day
40 F		Sydney	26 Jul. 67	Died 26 Jul. 67
41 M	Dillon	Wash. D.C.	31 Aug. 67	FATHER BORN
42 M	Reginald	Chester	10 Sep. 67	BRISTOL 22 AUG. 58
43 M		Cincinnati	20 Sep. 67	TO GRANBY, CAN.
44 F	Mary	Wash. D.C.	31 Dec. 67	20/21/70
45 F	Stella	Hanover	3 Jan 68	
46 F		Denver	20 Jan. 68	(1st)
47 M	Faru IV	Pittsburg	8 Mar. 68	FATHER BORN DENVER
48 F	MYRTLE MAY	Okla. City	May 68	MOTHER " CINCINNATI
49 F	Rowena	Bristol	16 Jun. 68	
50 F	Momela	Columbo	4 Oct. 68	
51 F	Janiota	Lisbon	9 Jan. 69	Gest. 14 mo. 21 da.
52		Dublin	9 Jul. 69	Father born Bristol 61
				Mother born Rot. Aug. 60
53 M	RUDOLPH	Pretoria	12 SEP 69	
54 M		Koba	8 Sep. 69	
56 F	NABI	LONDON	11 Nov. 69	BORN
		Frankfurt		Mother - Frkft Dec. 58
57 F	?	Kansas City	70	Stillborn
58 F	REBECCA	BRISTOL CITY	23 MAY 70	70 - STILL BORN
59 F		Los Angeles	20 Mar. 70	DIED FEB 71
60 F		St. Louis	30 Apr. 70	21 MAR 70
63 F	MTOTO	Zurich	27 Aug. 70	
64 M	KIJANA NANYURI	London	25 Nov. 70	WHIPSWADE
65		Colorado Springs	6 Nov. 70	
66 F	EVA	Zagreb	24 Dec. 70	
68 F	JASPA	LOS ANGELES	27 Aug. 71	22 FEB 71
69		St. Louis	Apr. 71	
70 F		Naples	20 Oct. 71	
71 M	Fridolin	Hanover	29 JUN 70?	
72 F	L I J.	Denver	6 Jan. 71	3rd birth
73 F		San Francisco	1 Jan. 72	
75 F	?	OSAKA	5 Mar. 72	- 1 FEB 72
		St. Louis		

3/28 Zeos have had captive births.

Captive births in zoos having more than one:

Sydney	8	Oklahoma City	2 3
Bristol	4	D.C.	2
Pittsburg	4	Lisbon	2
Cincinnati	3 5	Brookfield	2
Frankfurt	3 4	Rio	2 3
Denver	3	Los Angeles	2
Buenos Aires	3 4	Kobe	2
Hanover	3	St. Louis	2
DETROIT	2	PERU	2

discrepancies in birth dates exist in literature. Corrected dates would be appreciated.

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