

RHINOCEROS DATA

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 480 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*

	<u>Sex</u>	<u>Name</u>	<u>Zoo</u>	<u>Birthdate</u>	<u>Remarks</u>
1.	M		Brookfield	7 Oct. 41	
2.	M		Brookfield	19 Sep. 44	
3.	F		Rio	14 Feb. 54	
4.	M		Rio	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	20 Jan. 58	
9.	M	Roger	Bristol	22 Aug. 58	
10.	F	Taronga	Sydney	23 Aug. 58	
11.	M		Sydney	11 Oct. 58	
12.	F				
13.			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	Cincinnati	27 May 61	
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	Apr. 63	
23.	M	Bobby	Kobe	16 Nov. 63	
24.	F	Rhona	Bristol	24 Aug. 64	
25.	M	Brook	Cincinnati	30 Sep. 64	

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26.	F	Beauty	Sydney	2 May 65	
27.	M	Rupert (Kasper)	Hanover	28 Jun. 65	
28.	F		Sydney	19 Aug. 65	Died 21 Aug 65
29.	M	Pinoca	Lisbon	22 Sep. 65	
30.	M	Faru III	Pittsburg	4 Oct. 65	
31.	M	Rock	Kobe	2 Nov. 65	
32.	M	Nandi	Mysore	26 Aug. 66	
33.	M	Pompey	Sydney	26 May. 67	
34.			Kansas City	Jul. 67	Died next day
35.	F		Sydney	26 Jul. 67	Died 26 Jul. 67
36.	M	Dillon	Wash. D.C.	31 Aug. 67	
37.	M	Reginald	Chester	10 Sep. 67	
38.	M		Cincinnati	20 Sep. 67	
39.	F	Mary	Wash. D.C.	31 Dec. 67	
40.	F	Stella	Hanover	3 Jan 68	
41.	F		Denver	20 Jan. 68	(1st)
42.	M	Faru IV	Pittsburg	8 Mar. 68	
43.	F		Okla. City	May 68	
44.	F	Rowena	Bristol	16 Jun. 68	
45.	F	Momela	Columbo	4 Oct. 68	
46.	F	Janota	Lisbon	9 Jan. 69	Gest. 14 mo. 21 da.
47.			Dublin	9 Jul. 69	Father born Bristol 61 Mother born Rot. Aug. 60
48.			Pretoria	69	
49.	M		Kobe	8 Sep. 69	
50.	F		Frankfurt	11 Nov. 69	Mother- Frkft Dec. 58
51.	F		Kansas City	70	Stillborn
52.			Bristol	70	
53.	F		Los Angeles	20 Mar. 70	
54.			St. Louis	30 Apr. 70	
55.	F		Zurich	27 Aug. 70	
56.			London	Nov. 70	
57.			Colorado Springs	6 Nov. 70	
58.	F		Zagreb	24 Dec. 70	
59.	F		Los Angeles	27 Aug. 71	
60.			St. Louis	Apr. 71	
61.			Naples	20 Oct. 71	
62.		Fridolin	Hanover	71	
63.	F		Denver	6 Jan. 71	3rd birth
64.	F		San Francisco	1 Jan. 72	
65.	F		St. Louis	5 Mar. 72	

28 Zoos have had captive births.

Captive births in zoos having more than one;

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

* Discrepancies in birth dates exist in literature. Corrected dates would be appreciated.

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