

DRAFT

10 SEPTEMBER 1991

**INTERNATIONAL  
STUDBOOK**

**FOR**

**SUMATRAN RHINO**  
*(Dicerorhinus sumatrensis)*

Compiled by:

Dr. Thomas J. Foose & Dr. Zainal Zahari Zainuddin

**SUMATRAN RHINO Studbook**  
(*Dicerorhinus sumatrensis*)

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name	Breeder #
1	F	????	WILD	WILD	WMALAYSIA	30 Apr 1984	1	Wild Born			JERAM	MELAKA 1
					MALACCA	30 Apr 1984	1					
					SNG.DUSUN	13 Jan 1987	1		MALAYSIA			
					MALACCA	15 Aug 1987	1		MALAYSIA			
			SNG.DUSUN	31 May 1991	1	MALAYSIA						
2	M	- 1984	WILD	WILD	WMALAYSIA	1 May 1984	UNK	Wild Born			ERONG	MELAKA 2
					MALACCA	1 Jun 1984 (died)			1 Jun 1984			
3	F	????	WILD	WILD	WMALAYSIA	18 Apr 1985	2	Wild Born			MELINTANG	MELAKA 3
					MALACCA	18 Apr 1985	2					
					BANGKOK	- Jul 1986	UNK		THAILAND			
						- Nov 1986 (died)			- Nov 1986			
4	M	????	WILD	WILD	SUMATRA	25 Nov 1985	UNK	Wild Born	INDONESIA		TORGAMBA	LYMPNE 1
					LYMPNE	5 Apr 1986	UNK		ENGLAND			
5	F	????	WILD	WILD	SUMATRA	23 Jan 1986	UNK	Wild Born	INDONESIA		RIAU	
						23 Jan 1986 (died)			23 Jan 1986			
6	M	????	WILD	WILD	SUMATRA	2 Feb 1986	UNK	Wild Born	INDONESIA		ROKAN	SURBYA
					SURABAYA	- May 1988	UNK		INDONESIA			
7	F	????	WILD	WILD	WMALAYSIA	10 Feb 1986	3	Wild Born			RIMA	MELAKA 4
					MALACCA	10 Feb 1986	3					
					SNG.DUSUN	13 Jan 1987	3		MALAYSIA			
					MALACCA	6 Mar 1987	3					
8	M	????	WILD	WILD	SUMATRA	23 Mar 1986	UNK	Wild Born	INDONESIA		JALU	JAKART
					JAKARTA	24 May 1986	UNK		INDONESIA			
9	M	????	WILD	WILD	SUMATRA	15 Jun 1986	6	Wild Born	INDONESIA		NAPANGGA	MELAKA 5
					MALACCA	25 Apr 1987	6					
						6 Aug 1987 (died)			6 Aug 1987			
10	F	????	WILD	WILD	SUMATRA	22 Jun 1986	UNK	Wild Born	INDONESIA		SUBUR	LYMPNE 2
					LYMPNE	25 Aug 1986	UNK		ENGLAND			
						30 Oct 1986 (died)			30 Oct 1986			
11	F	????	WILD	WILD	WMALAYSIA	6 Jul 1986	4	Wild Born			JULIA	MELAKA 6
					MALACCA	6 Jul 1986	4					
					SNG.DUSUN	13 Jan 1987	4		MALAYSIA			
					MALACCA	21 Apr 1989	4					
				15 Dec 1989 (died)		15 Dec 1989						
12	F	????	WILD	WILD	WMALAYSIA	9 Sep 1986	5	Wild Born			DUSUN	MELAKA 7
					MALACCA	9 Sep 1986	5					
					SNG.DUSUN	13 Jan 1987	5		MALAYSIA			
					MALACCA	6 Mar 1987	5					
					JAKARTA	25 Apr 1987	UNK		INDONESIA			

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Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name	Breeder #
13	F	- 1983	WILD	WILD	WMALAYSIA	25 Feb 1987	7	Wild Born	MALAYSIA		PANJANG	MELAKA 8
					SNG.DUSUN	25 Feb 1987	7					
					MALACCA	5 Mar 1987	7					
					SNG.DUSUN	25 Sep 1987	7					
					MALACCA	20 Apr 1989	7					
SNG.DUSUN	27 Apr 1991	7										
14	M	????	WILD	WILD	SABAH	26 Mar 1987	UNK	Wild Born	MALAYSIA	26 Mar 1987		
						26 Mar 1987 (died)						
15	F	23 May 1987	WILD	7	MALACCA	23 May 1987	8	Captive Born			MINAH	MELAKA 9
16	F	????	WILD	WILD	WMALAYSIA	1 Jul 1987	9	Wild Born			SERIDELIMAMELAKA10	
					MALACCA	1 Jul 1987	9					
						23 Sep 1988 (died)						
										23 Sep 1988		
17	M	????	WILD	WILD	SABAH	14 Jul 1987	UNK	Wild Born	MALAYSIA		TANEGANG	SEPLOK 1
					SEPILOK	14 Jul 1987	UNK		MALAYSIA			
18	F	????	WILD	WILD	SUMATRA	21 Jul 1987	UNK	Wild Born	INDONESIA		MERANTI	LYMPNE 3
					LYMPNE	30 Apr 1988	UNK		ENGLAND			
19	F	????	WILD	WILD	WMALAYSIA	26 Aug 1987	10	Wild Born	MALAYSIA		MAS MERAH	MELAKA11
					MALACCA	26 Aug 1987	10					
					SNG.DUSUN	2 May 1991	10					
20	M	-1984 +/-1yr	WILD	WILD	WMALAYSIA	26 Mar 1988	11	Wild Born	MALAYSIA		SHAH	MELAKA12
					MALACCA	26 Mar 1988	11					
					SNG.DUSUN	2 May 1991	11					
21	M	????	WILD	WILD	SABAH	24 May 1988	UNK	Wild Born	MALAYSIA	25 May 1988		
						25 May 1988 (died)						
22	F	????	WILD	WILD	SUMATRA	8 Jul 1988	UNK	Wild Born	INDONESIA		DALU	BOGOR 1
					TAMNSAFAR	30 Nov 1988	UNK		INDONESIA			
23	F	????	WILD	WILD	WMALAYSIA	11 Jul 1988	12	Wild Born	MALAYSIA		SEPUTIH	MELAKA13
					MALACCA	12 Jul 1988	12					
					SNG.DUSUN	31 May 1991	12					
24	F	????	WILD	WILD	SUMATRA	22 Jul 1988	UNK	Wild Born	INDONESIA		MAHATO	CINC 1
					LOSANGELE	25 Nov 1988	UNK		U.S.A.			
					CINCINNAT	5 Jun 1989	UNK		U.S.A.			
25	F	????	WILD	WILD	SUMATRA	24 Jul 1988	UNK	Wild Born	INDONESIA		KUMU	SANDGO 1
					SANDIEGOZ	25 Nov 1988	UNK		U.S.A.			
26	F	????	WILD	WILD	SABAH	22 Apr 1989	UNK	Wild Born	MALAYSIA		LUN PARAI	SEPLOK 2
					SEPILOK	22 Apr 1989	UNK		MALAYSIA			

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Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name	Breeder #
27	F	????	WILD	WILD	SUMATRA	26 Aug 1989	UNK		INDONESIA		RAPUNZEL	BRONX 1
					LOSANGELE	29 Nov 1989	UNK		U.S.A.			
					NY BRONX	16 May 1990	UNK		U.S.A.			
28	M	????	WILD	WILD	SUMATRA	23 Jul 1990	UNK	Wild Born	INDONESIA		IPUH	CINC 2
					SANDIEGOZ	10 Apr 1991	UNK		U.S.A.			
29	F	????	WILD	WILD	SUMATRA	6 Mar 1991	UNK	Wild Born	INDONESIA			LA 1
30	M	????	WILD	WILD	SUMATRA	18 Apr 1991	UNK	Wild Born	INDONESIA			BOGOR 2
					TAMNSAFAR	2 Sep 1991	UNK		INDONESIA			
31	M	????	WILD	WILD	SABAH	5 May 1991	UNK	Wild Born	MALAYSIA		TAKALA	SEPLOK 3
					SEPILOK	5 May 1991	UNK		MALAYSIA			
32	F	????	WILD	WILD	SUMATRA	17 May 1991	UNK	Wild Born	INDONESIA			BOGOR 3
					TAMNSAFAR	2 Sep 1991	UNK		INDONESIA			
33	F	????	WILD	WILD	SUMATRA	12 Jun 1991	UNK	Wild Born	INDONESIA			

TOTALS: 12.21.0 (33)

**LIVING SUMATRAN RHINOCEROS  
IN CAPTIVITY  
(10 September 1991)**

<u>COUNTRY</u>	<u>INSTITUTION</u>	<u>MALES</u>	<u>FEMALES</u>	<u>TOTAL</u>
Indonesia	Jakarta	1	1	2
	Surabaya	1		1
	Taman Safari	1	2	3
	Ipuh	0	2	2
	<i>Subtotal Indonesia</i>	<i>3</i>	<i>5</i>	<i>8</i>
Malaysia				
Peninsula	Malacca	0	2	2
	Sungai Dusun	1	4	5
	<i>Subtotal P. Malaysia</i>	<i>1</i>	<i>6</i>	<i>7</i>
Sabah	Sepilok	2	1	3
	<i>Subtotal Sabah</i>	<i>2</i>	<i>1</i>	<i>3</i>
United Kingdom	Port Lympne	1	1	2
	<i>Subtotal U.K.</i>	<i>1</i>	<i>1</i>	<i>2</i>
United States	Cincinnati		1	1
	New York		1	1
	San Diego	1	1	2
	<i>Subtotal U.S.A.</i>	<i>1</i>	<i>3</i>	<i>4</i>
<b>WORLD TOTAL</b>		<b>8</b>	<b>16</b>	<b>24</b>

SUMMARY - CAPTIVE PROGRAMS  
SUMATRAN RHINO - 1984 TO 1991

<u>COUNTRY</u>	<u>CAPTURED</u>	<u>BORN</u>	<u>IMPORTED</u>	<u>EXPORTED</u>	<u>DIED</u>	<u>ALIVE</u>
P. MALAYSIA	2/9	0/1	1/0	0/2	2/2	1/6
SABAH	4/1	0/0	0/0	0/0	2/0	2/1
INDONESIA	6/10	0/0	0/1	3/5	0/1	3/5
THAILAND	0/0	0/0	0/1	0/0	0/1	0/0
U.K.	0/0	0/0	1/2	0/0	0/1	1/1
<u>U.S.A.</u>	<u>0/0</u>	<u>0/0</u>	<u>1/3</u>	<u>0/0</u>	<u>0/0</u>	<u>1/3</u>
<b>TOTAL</b>	<b>12/20</b>	<b>0/1</b>	<b>3/7</b>	<b>3/7</b>	<b>4/5</b>	<b>8/16</b>

T.J. Foose  
10 September 1991

**SUMATRAN RHINO MORTALITY BY YEAR  
1984 - 1991**

	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>
Captures	2	2	8	6	6	2	1	2
Births	0	0	1	0	0	0	0	0
Deaths	1	0	3	2	2	1	0	0
Population at Risk	2	3	11	15	19	19	19	24
% Mortality	50	0	27	13	11	5	0	0

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**SUMATRAN RHINO  
MORTALITY SUMMARY  
BY COUNTRY OF ORIGIN**

	<u>CAPTURED</u>	<u>DIED</u>	<u>% MORTALITY</u>	<u>LAST DEATH</u>
INDONESIA	16	3	19	1987
P. MALAYSIA	11	4	36	1989
SABAH	5	2	40	1988
	—	—	—	
TOTAL	32	9	28	

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**SUMMARY OF MORTALITY  
SUMATRAN RHINO IN CAPTIVITY  
1984-1991**

<u>Animal</u>	<u>Sex</u>	<u>Date &amp; Place of Capture</u>	<u>Date &amp; Place of Death</u>	<u>Date to Death Place</u>	<u>Cause of Death</u>	<u>Condition &amp; Age at Capture</u>
2 Erong	M	01-05-84 Malaysia	01-06-84 Malacca	01-05-84	Inanition	Poor/Calf (est. 3 mo.) Discovered abandoned in jungle
3 Melintang	F	18-04-85 Malaysia	15-11-86 Bangkok	00-07-86	Accident: Ensnared Neck in Enclosure	Good/Adult
5 Riau	F	23-01-86 Sumatra	23-01-86 Sumatra	23-01-86	Accident: Died of Trauma in Corral Trap	Good/Adult
9 Napangga	M	15-06-86 Sumatra	06-08-87 Malacca	25-04-87	Unknown	Poor/Adult
10 Subur	F	25-06-86 Sumatra	30-10-86 England	25-08-86	Digestive	Marginal/Adult
11 Julia	F	06-07-86 Malaysia	15-12-89 Malacca	06-07-86	Cecal Impaction	Good/Adult
14	M	26-03-87 Sabah	26-03-87 Sabah	26-03-87	Capture Trauma	?/Adult
16 Seridelima	F	01-07-87 Malaysia	23-09-88 Malacca	01-07-87	Salmonella	Marginal/Adult
21	M	24-05-88 Sabah	25-05-88 Sabah	24-05-88	Capture Trauma	?/Adult

**GLOBAL PROPAGATION GROUP MEETING  
SUMATRAN RHINO**

Friday - 10 May 1991  
5:15 to 6:45 PM (17:15-18:45)  
Kauai Conference Suite  
Hanalei Hotel  
San Diego, CA, USA

***TENTATIVE AGENDA***

- Studbook Update
- Institution-by-Institution, Animal-by-Animal Review
- Optimal employment of animals in captivity to enhance reproduction.
- Increased communication and cooperation among facilities with rhino.
- Expeditious resolution of possible subspecies issues for captive program.
- Global Heritage Species Programme proposal
- Other Business

T.J.Foose, Ph.D.  
Joint Int'l Studbook Keeper