

**IUCN/SSC
ASIAN RHINO SPECIALIST GROUP
(AsRSG)
MEETING**

BRIEFING BOOK

**JALDAPARA SANCTUARY
WEST BENGAL, INDIA
6-10 DECEMBER 1993**

**SECTION 3
OVERVIEW OF
ASIAN RHINO CONSERVATION**

ASIAN RHINO CONSERVATION PRIORITIES

Country	Project Title	Costs
A1 - Projects with immediate priority		
India	Habitat improvement Kaziranga	840,000
India	Ecodevelopment programme	2,000,000
India	Transp. & Comm. equipment	2,300,000
Indonesia	Sumatra Gunung Leuser AP unit	1,391,000
Indonesia	Rhino desk officer	472,000
Indonesia	Java Ujung Kulon rhino unit	922,500
Malaysia	Peninsula Rhino & habitat survey	225,000
Malaysia	Rhino Conserv. coordinator	115,000
Malaysia	Borneo Rhino & habitat survey	260,000
Myanmar	Transportation and commun.	155,000
Myanmar	Buildings & roads Tamantii	50,000
Nepal	Environmental monitoring	257,600
Thailand	Rhino survey & training	24,620
A2 - High priority projects		
India	Sanctuaries	166,000
India	Monitoring & evaluation	100,000
Indonesia	Sumatra Kerinci Seblat AP unit	1,870,000
Indonesia	Sumatra Javan rhino transloc. study	347,000
Malaysia	Borneo Captive breeding	206,000
Malaysia	Borneo Deputy rhino cons. coord.	88,000
Malaysia	International advisory	57,000
Malaysia	PVHA/GIS workshop	70,000
Myanmar	Rhino biology studies	56,000
Myanmar	Staff equipment	32,000
Myanmar	Boundary demarcation Tamantii	5,000
Myanmar	Planning & anti-poaching	18,000
Nepal	Anti-poaching unit	189,600
A3 - Priority project		
India	Captive breeding, transloc.	500,000
India	Equipment & training	400,000
India	Staff facilities	2,000,000
Indonesia	Sumatra In-situ int. manag. prog.	1,237,000
Indonesia	Sumatra Barisan Selatan AP unit	1,121,800
Indonesia	Sumatra Sumatran rhino zoo propagation	187,000
Malaysia	Peninsula Captive breeding	973,000
Malaysia	Borneo Rhino translocation	322,000
Malaysia	Borneo Extension Pulong Tau NP	379,000
Malaysia	Infrastructure AP Malaysia	966,000
Malaysia	Peninsula Rhino translocation	184,000
Myanmar	Public awareness	42,000
Myanmar	Institutional development	10,000
Myanmar	Staff welfare	30,000

TABLE 8
ASIAN RHINO CONSERVATION
MAJOR RANGE STATES

EXTERNAL FUNDS NEEDED OVER NEXT 3 YEARS

	<u>CAPITAL</u>	<u>OPERATIONS</u>	<u>TOTAL</u>
INDIA	5,422,000	-	5,422,000
NEPAL *	255,000	-	255,000
INDONESIA	3,445,000	4,135,000	7,580,000
MALAYSIA	2,739,000	1,136,000	3,875,000
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<i>TOTAL</i>	<i>11,861,000</i>	<i>5,271,000</i>	<i>17,132,000</i>

* Information incomplete

TABLE 6
ASIAN RHINO CONSERVATION
MAJOR RANGE STATES

TARGET RHINO POPULATIONS

	<u>Rhinoceros</u> <u>unicornis</u>	<u>Rhinoceros</u> <u>sondaicus</u>	<u>Dicerorhinos</u> <u>sumatrensis</u>	<u>TOTAL</u>
INDIA	2,000+			2,000+
NEPAL	500+			500+
INDONESIA		2,000	2,000	4,000
MALAYSIA		100	700	800
VIETNAM				
TOTAL	2,500+	2,100	2,700	7,300

TABLE 7
OVERVIEW OF CURRENT AND TARGET POPULATIONS AND PROTECTED AREAS FOR ASIAN RHINOS

COUNTRY	<i>Rhinoceros unicornis</i> Indian/Nepalese Rhino				<i>Rhinoceros sondaicus</i> Javan Rhino				<i>Dicerorhinus sumatrensis</i> Sumatran Rhino			
	Crnt Pop	Trgt Pop	Crnt Nmbr & Km ² Areas	Trgt Nmbr & Km ² Areas	Crnt Pop	Trgt Pop	Crnt Nmbr & Km ² Areas	Trgt Nmbr & Km ² Areas	Crnt Pop	Trgt Pop	Crnt Nmbr & Km ² Areas	Trgt Nmbr & Km ² Areas
Indonesia					~ 50	2,000	1/300	10/5,000	~ 250	2,000	3/21,000	5/30,000
Malaysia												
Peninsula					0	100	0	2/500	~ 110	400	4/8,000	4/10,000
Sabah									~ 60	200	2/2,000	4/4,000
Sarawak									< 25	100	1/600	1/1,000
Vietnam					< 50							
Thailand										200		2/2,000
Myanmar										200		2/2,000
Laos										200		2/2,000
India	~ 1,600	2,000+	8/2,000	10/2,500								
Nepal	~ 400	500+	2/1,000	2+/1,000								
Pakistan												
ASIA TOTAL	~ 2,000	2,500+	10/3,000	12/3,500	< 100	2,100			~ 450	3,300	10/37,000	20/50,000

TABLE 4
WILD AND CAPTIVE POPULATIONS OF RHINOCEROS
1 December 1993

<u>TAXON</u>	<u>WILD POPULATION</u>	<u>CAPTIVE POPULATION</u>
Southwestern Black Rhino	560	0
Northwestern Black Rhino	40	0
Eastern Black Rhino	500	165
Southern Black Rhino	1,200	45
Northern White Rhino	30 +	9
Southern White Rhino	5,600	630 +
Indian/Nepalese Rhino	2,000	123
Javan Rhino	< 100	0
Eastern (Borneo) Sumatran Rhino	< 100	4
Western (Sumatra/Malaya) Sumatran Rhino	400	19
African Rhino Species	7,900	850
Asian Rhino Species	2,600	146
All Rhino Species	10,500	1,000

TABLE 5
ASIAN RHINO CONSERVATION
MAJOR RANGE STATES

CURRENT RHINO POPULATIONS

	<u><i>Rhinoceros unicornis</i></u>	<u><i>Rhinoceros sondaicus</i></u>	<u><i>Dicerorhinus sumatrensis</i></u>	<u><i>TOTAL</i></u>
INDIA	~ 1,600			~ 1,600
NEPAL	~ 400			~ 400
INDONESIA		50	185-320	235-370
MALAYSIA			135-220	135-220
VIETNAM		< 50		
<i>TOTAL</i>	~ 2,000	< 100	320-540	2,420-2,640

TABLE 2
WILD AND CAPTIVE POPULATIONS
OF RHINOCEROS
1 December 1993

<u>SPECIES</u>	<u>WILD POPULATION</u>	<u>CAPTIVE POPULATION</u>
Black Rhino	2,300	210
White Rhino	5,600	640 +
Indian/Nepalese Rhino	2,000	123
Javan Rhino	< 100	0
Sumatran Rhino	800	23
African Rhino Species	7,900	850
Asian Rhino Species	2,600	146
All Rhino Species	10,500	1,000

TABLE 3
WILD AND CAPTIVE POPULATIONS OF RHINOCEROS
1 December 1993

<u>TAXON</u>	<u>WILD POPULATION</u>	<u>CAPTIVE POPULATION</u>
<i>Diceros bicornis bicornis</i>	560	0
<i>Diceros bicornis longipes</i>	40	0
<i>Diceros bicornis michaeli</i>	500	165
<i>Diceros bicornis minor</i>	1,200	45
<i>Ceratotherium simum cottoni</i>	30 +	9
<i>Ceratotherium simum simum</i>	5,600	630 +
<i>Rhinoceros unicornis</i>	2,000	123
<i>Rhinoceros sondaicus</i>	< 100	0
<i>Dicerorhinus sumatrensis harrisoni</i>	< 100	4
<i>Dicerorhinus sumatrensis sumatrensis</i>	400	19
African Rhino Species	7,900	850
Asian Rhino Species	2,600	146
All Rhino Species	10,500	1,000

TABLE 1
WILD AND CAPTIVE POPULATIONS OF RHINOCEROS
1 December 1993

<u>SPECIES</u>	<u>WILD POPULATION</u>	<u>CAPTIVE POPULATION</u>
<i>Diceros bicornis</i>	2,300	210
<i>Ceratotherium simum</i>	5,600	640 +
<i>Rhinoceros unicornis</i>	2,000	123
<i>Rhinoceros sondaicus</i>	< 100	0
<i>Dicerorhinus sumatrensis</i>	500	23
African Rhino Species	7,900	850
Asian Rhino Species	2,600	146
All Rhino Species	10,500	1,000

TABLE 9
ASIAN RHINO CONSERVATION
MAJOR RANGE STATES

TOTAL COSTS OVER NEXT 3 YEARS

	<u>CAPITAL</u>	<u>OPERATIONS</u>	<u>TOTAL</u>
INDIA	5,422,000	3,260,000	8,682,000
NEPAL *	255,000+	1,000,000	1,255,000
INDONESIA	3,445,000	4,104,800	7,549,300
MALAYSIA	4,464,000	2,431,000	6,905,000
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TOTAL	13,586,000	10,826,000	24,422,000

* Information incomplete