

Vf B+S-FA15-D1 #16

1976

International Zoo Yearbook

volume 16

EDITED BY P. J. S. OLNEY

ASSISTANT EDITORS RUTH BIEGLER
PAT ELLIS

2536

BIBLIOTHEEK
DIERGENEESKUNDE
UTRECHT



PUBLISHED BY THE ZOOLOGICAL SOCIETY OF LONDON 1976

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***INDIAN WILD ASS** *E. h. khur* IUCN (E)
 Ahmedabad Ind 1/2; Mysore Ind 1/0(1/0); Rangoon
 Burm 1/1.
Total: 3/3(1/0) in 3 collections.
 No data 1975: Baroda Ind 3/2 (b).

***SOMALI WILD ASS** *Equus asinus somalicus*
 IUCN (E)
 Basle Switz 2/3(0/2); Eilat Chai Bar Is 3/8(4/4).
Total: 5/11(4/0)(2/4) in 2 collections.

***AFRICAN WILD ASS** *Equus asinus* ssp
 IUCN (E)
 Berlin E Ge 1/0(1/0); Catskill USA 4/8(4/8); Los
 Angeles USA 1/1(1/1); Munich Ge 3/1(3/1).
Total: 9/10(9/10) in 4 collections.

N.B.: The Studbook Keeper (see p. 449) is of the opinion that,
 apart from *E. a. somalicus* listed above, the African wild
 asses (which are all descended from a 1937 importation)
 cannot at present be positively identified and they are there-
 fore shown here as *E. asinus* ssp.

***HARTMANN'S MOUNTAIN ZEBRA**
Equus zebra hartmannae IUCN (V)

Amsterdam Ne 1/2(0/1); Ashikawa Jap 1/1; Askaniya-
 Nova USSR 0/2(0/2); Bayamon PR 1/0; Berlin E Ge
 1/1; Berlin W Ge 1/2(0/2); Bojnice Cz 1/1; Catskill
 USA 0/4(0/4); Cleveland USA 1/1(0/1); Dvur Kralove
 Cz 3/10(1/1); Erfurt Ge 0/1(0/1); Halle Ge 1/1; Johan-
 nesburg SA 1/1; Laguna Hills LCS USA 4/3(3/2);
 Los Angeles USA 1/2(0/2); Madison USA 1/5(0/2);
 Marwell GB 1/2(1/2); Mayaguez PR 1/0; Munich Ge
 1/3(0/3); Okahandja SWA 5/22(2/5); Oklahoma USA
 2/2(1/0); Paris PZ Fr 3/4(3/4); Penticton Can 1/1(1/1);
 Philadelphia USA 1/1(1/1); Pietermaritzburg SA
 2/1(1/0); Prague Cz 1/2; Pretoria SA 1/2; San Diego
 USA 2/3(2/1); San Diego WAP USA 1/8(1/6); Stock-
 bridge LCS USA 3/3(3/3); Whipsnade GB 1/4(1/3);
 Winnipeg Can 2/3(2/2); Zurich Switz 1/3(0/2).
Total: 47/101(23/51) in 33 collections.
 No data 1975: Aalborg Den 1/3(0/2); Belgrade Yug 2/2(2/2);
 Vriedehoek SA 1/1; W Palm Bch USA 2/4 (b).

***MALAYAN TAPIR** *Tapirus indicus* IUCN (E)
 Amsterdam Ne 1/2(0/1); Bandung Indon 1/0; Basle
 Switz 1/2(0/1); Berlin E Ge 1/3(1/1); Berlin W Ge 1/1;
 Bristol GB 1/2(0/1); Chester GB 1/1; Chicago Br USA
 1/0; Colorado USA 1/2; Columbia USA 1/1;
 Columbus USA 1/1; Copenhagen Den 1/1(1/1);
 Dallas USA 1/0; Djakarta Indon 1/2(0/1); Dresden Ge
 1/1(1/1); Dvur Kralove Cz 1/3(0/1); Heidelberg Ge
 1/2(1/2); Katowice Pol 1/1; Kuala Lumpur Mal 1/2(0/1);
 Liberec Cz 1/1; London ZSL GB 1/1; Los Angeles
 USA 1/1; Manchester GB 2/1(1/0); Miami CP USA
 1/1; Milwaukee USA 3/1; Monroe USA 1/1(0/1);
 Nagoya Jap 1/1; NY Bronx USA 2/2; Nuremberg Ge
 2/1(1/0); Ostrava Cz 1/0; Philadelphia USA 1/0;
 Prague Cz 1/1(1/1); Rangoon Burm 0/1; Rome It 1/1;
 Rotterdam Ne 1/2(0/1); St Louis USA 2/2(1/0); San
 Antonio USA 1/3(0/2); San Diego USA 1/2(1/2);
 Sendai Jap 1/2(0/1); Shizuoka Jap 1/1; Singapore 1/1;

Stuttgart Ge 1/1(0/1); Surabaya Indon 0/2; Tokyo
 Tama Jap 2/1(1/0); Twycross GB 1/1; Vienna Aus
 1/1(0/1).
Total: 51/61(10/21) in 46 collections.
 No data 1975: Boston USA 1/1; Colchester GB 1/1;
 Edmonton AGF Can 1/1(1/1).

***MOUNTAIN or WOOLLY TAPIR** *Tapirus
 pinchaque* IUCN (E)
 Brownsville USA 1/1; Frankfurt Ge 1/1; Leipzig Ge
 0/1; Los Angeles USA 1/1; Paris PZ Fr 1/0; Stuttgart
 Ge 1/1.
Total: 5/5 in 6 collections.

***BAIRD'S TAPIR** *Tapirus bairdii* IUCN (E)
 Canal Zone 0/2; Columbia USA 1/0; Los Angeles
 USA 2/1(1/0); Mexico Chapultepec 1/0; Miami CP
 USA 1/1; Philadelphia USA 1/0; San Diego USA
 2/2(1/0); Sao Paulo Braz 0/1; San Salvador El Sal;
 Tuxtla Mex 2/2(1/1).
Total: 10/9(3/1) min. in 10 collections.

***GREAT INDIAN RHINOCEROS**
Rhinoceros unicornis IUCN (E)

Amsterdam Ne 1/0(1/0); Antwerp Bel 1/1(0/1); Basle
 Switz 1/3(0/2); Berlin E Ge 1/1(1/0); Berlin W Ge
 1/1(1/1); Bombay Ind 1/0; Delhi Ind 1/1; Hamburg Ge
 1/1(1/1); Hyderabad Ind 3; London ZSL GB 0/1;
 Los Angeles USA 1/2(0/2); Lucknow Ind 1/0; Miami
 CP USA 1/1; Milwaukee USA 1/1(1/1); Mysore Ind
 2/1(1/0); Nagoya Jap 1/1(1/0); Omaha USA 1/0;
 Paris PZ Fr 1/0(1/0); Peking China 1/0; Philadelphia
 USA 1/1; Rome It 1/0; San Diego WAP USA 1/1(1/1);
 Stuttgart Ge 2/1(2/1); Tokyo Tama Jap 2/1(1/0);
 Trivandrum Ind 1/0; Washington NZP USA 2/1(1/1);
 Whipsnade GB 1/1(1/1).
Total: 29/21(14/12) in 27 collections.
 No data 1975: Calcutta Ind 0/1(0/1); Gauhati Ind 3/5(2/0);
 Madras Ind 1/0.

Breeding loan from Berlin W (at Basle).

SOUTHERN WHITE RHINOCEROS

Ceratotherium s. simum
 Albuquerque USA 1/1; Alexandria Egt 1/0(1/0);
 Antwerp Bel 2/2(1/0); Arnhem Ne 4/8; Bandholm
 Den 1/1; Barcelona Sp 1/1; Baton Rouge USA 1/2;
 Berlin E Ge 1/1; Berlin W Ge 1/1; Blackpool GB 1/2;
 Bloemfontein SA 1/1; Boras Swed 1/1; Brownsville
 USA 2/2; Calgary Can 1/1; Catskill USA 1/1; Chester
 GB 1/1; Chicago Br USA 1/1; Cologne Ge 1/1
 Columbia USA 1/2; Copenhagen Den 2/3(1/1).
 Dresden Ge 1/1; Duisburg Ge 1/1; Duluth USA 1/0;
 Dvur Kralove Cz 2/7; Fort Worth USA 1/1; Fresno
 USA 1/1; Gelsenkirchen Ge 2/2; Hanover Ge 1/1(1/0);
 Hilvarenbeek Ne 1/4; Honolulu USA 1/1; Houston
 USA 1/1; Jackson USA 1/2; Jacksonville USA 1/1;
 Johannesburg SA 2/2; Kaliningrad USSR 1/1; Kansas
 USA 1/1; Katowice Pol 1/1; Kiev USSR 0/1; Kings
 Mills LCS USA 7/6; Kolmarden Swed 1/1; Krefeld

Ge 1/1; Laguna Hills LCS USA 6/9(0/1); Leipzig Ge 1/1; Lisbon Port 1/1; Los Angeles USA 1/1; Madrid Sp 1/1; Mallorca Sp 1/1; Memphis USA 1/0; Milwaukee USA 1/2; Monroe USA 1/1; Munich Ge 1/2; Mysore Ind 1/1; New Orleans USA 2/2; Norfolk USA 1/1; Nuremberg Ge 1/1; Oklahoma USA 1/1; Ostrava Cz 1/1; Peking China 1/1; Philadelphia USA 1/1(1/1); Phoenix USA 0/1; Pietermaritzburg SA 1/0; Pietermaritzburg NLP SA 1/2; Prague Cz 1/2; Pretoria SA 3/2(1/1); Ramat Gan Is 4/4; Rangoon Burm 1/1; Rockton Can 2/2; Rostov USSR 1/1; Rotterdam Ne 1/1; San Antonio USA 2/2(1/0); San Diego USA 2/0(2/0); San Diego WAP USA 7/17(3/4); San Francisco USA 1/1; San Roque Sp 7/10; Santo Domingo Dom 2/2; Sao Paulo Braz 1/1; Sendai Jap 1/1; Sigean Fr 1/1; Singapore 1/1; Stockbridge LCS USA 7/11; Thoiry Fr 3/1; Tokyo Ueno Jap 1/1; Toledo USA 1/1; Toronto Can 2/2(2/2); Tunis Tun 2/2; Turin It 1/1; Whipsnade GB 8/14(2/1); Windsor GB 3/5; Woburn GB 2/3; Zurich Switz 1/1.

Total: 150/192(16/11) in 90 collections.

No data 1975: Colchester GB 1/1; Durbannville SA 1/1; Edmonton AGF Can 1/1; Grand Prairie LCS USA 6/13(0/1); Longleat GB 3/3; Louisville USA 1/1; Maracaibo Ven 1/1; Prescott GB 3/1; Vriedehoek SA 1/2; W Palm Bch LCS USA 9/14.

*NORTHERN WHITE RHINOCEROS

C. s. cottoni IUCN (R)

Antwerp Bel 0/1; London ZSL GB 1/0; San Diego WAP USA 2/1.

Total: 3/2 in 3 collections.

No data 1975: Abu Dhabi 0/1; Khartoum Sud 1/1; Prescott GB 0/1.

Breeding loan from Washington NZP (at San Diego WAP).

*BLACK RHINOCEROS *Diceros bicornis*

IUCN (V)

Adelaide Austral 1/0; Alma-Ata USSR 1/1(1/0); Amsterdam Ne 0/1; Asheboro USA 1/1; Atlanta USA 1/1; Bekebourne GB 1/2(1/0); Berlin E Ge 0/1; Berlin W Ge 0/1; Bristol GB 1/1(1/0); Budapest Hun 0/1; Chester GB 1/2(1/1); Chicago Br USA 1/3; Cincinnati USA 2/2(1/1); Cleveland USA 1/0; Colombo SL 1/1(0/1); Colorado USA 1/2(0/1); Columbus USA 1/1(1/0); Dallas USA 1/1; Denver USA 3/2(2/1); Detroit USA 1/1; Dublin Ire 1/1(0/1); Dvur Kralove Cz 3/7; Frankfurt Ge 1/1(0/1); Granby Can 1/1; Grodno USSR 1/0; Hanover Ge 1/1(1/0); Hiroshima Jap 1/1; Jacksonville USA 1/1; Johannesburg SA 1/0(1/0); Kagoshima Jap 1/1; Kobe Jap 1/1(1/0); Kuala Lumpur Mal 1/0; Leipzig Ge 1/1; Lisbon Port 2/1(1/0); Lodz Pol 1/0; London ZSL GB 1/1; Los Angeles USA 1/1; Magdeburg Ge 1/1; Maiduguri Nig 1/1; Memphis USA 1/2(0/2); Mexico Chapultepec 1/1; Miami CP USA 1/1; Mysore Ind 2/1(1/0); Nagoya Jap 1/2; Nairobi Ken 2/0; Nanyuki Ken 1/1; Naples It 1/1; NY Bronx USA 1/0; Oklahoma USA 1/2(1/1); Osaka Jap 0/2; Paignton GB 1/0(1/0); Peking China 0/3; Perth Austral 0/1; Pretoria SA 1/0; Rome It 1/1(0/1); St Louis USA 1/3(0/2); San Antonio USA 1/1; San Diego USA 1/1(0/1); San Diego WAP USA 1/1(1/0); San Francisco USA 1/1; Sao Leopoldo Braz 1/0(1/0); Sao Paulo Braz 1/1; Sydney Austral 1/2(0/1);

Tampa USA 1/2(0/1); Tel Aviv Is 1/1; Toronto Can 0/1(0/1); Vienna Aus 1/0; Washington NZP USA 1/2(0/1); Whipsnade GB 0/1; Wichita USA 1/1(1/1); Wroclaw Pol 1/1; Zagreb Yug 1/1; Zurich Switz 1/3(0/1).

Total: 72/87(18/20) in 73 collections.

No data 1975: Buenos Aires Arg 1/1; Cairo Egt 1/0; Kano Nig 1/0.

ARTIODACTYLA

*PYGMY HOG *Sus salvanius* IUCN (I)

No data 1975: Gauhati Ind 2/4(1/2).

GIANT FOREST HOG *Hylochoerus*

meintertzhageni

Nairobi Ken 0/1.

BABIRUSA *Babirusa babirusa*

Bandung Indon 2/1; Djakarta Indon 1/1; Frankfurt Ge 1/1; Surabaya Indon 9/12(3/6).

Total: 13/15(3/6) in 4 collections.

*PYGMY HIPPOPOTAMUS *Choeropsis*

liberianensis IUCN (R)

Abidjan IC 1/0; Amsterdam Ne 2/2(1/1); Antwerp Bel 1/2(1/0); Arnhem Ne 2/3(1/1); Baltimore USA 3/3(2/1); Barcelona Sp 1/1; Basle Switz 3/4(2/4); Berlin E Ge 1/1; Berlin W Ge 1/2(1/2); Bristol GB 1/1(1/1); Brownsville USA 1/2(0/1); Budapest Hun 1/0(1/0); Catskill USA 1/2(1/1); Chester GB 1/1(0/1); Chicago Br USA 1/2(1/2); Cincinnati USA 1/2(0/1); Cleveland USA 1/3(1/2); Copenhagen Den 2/1(1/1); Dallas USA 1/2(0/1); Duisburg Ge 2/2; Dvur Kralove Cz 2/3(0/1); Erfurt Ge 1/0(1/0); Fort Worth USA 2/1(1/0); Gelsenkirchen Ge 1/0(1/0); Jacksonville USA 2/1(2/0); Johannesburg SA 1/1(1/1); Kaliningrad USSR 1/1(1/1); Leipzig Ge 2/2; Los Angeles USA 1/1; Manchester GB 1/1; Melbourne Austral 1/1(1/1); Memphis USA 2/2(1/1); Miami CP USA 1/4(0/3); Munich Ge 1/3(1/3); Nagoya Jap 0/1; Nairobi Ken 2/1(1/0); NY Bronx USA 1/4(1/4); Paris PZ Fr 1/2(1/0); Philadelphia USA 1/2(0/1); Poznan Pol 1/1(0/1); Prague Cz 1/1(1/1); Pretoria SA 4/5(1/2/3); Rangoon Burm 1/1; Rome It 0/1; Rotterdam Ne 1/2(1/2); St Louis USA 1/3(0/3); Salt Lake USA 1/1(0/1); San Antonio USA 1/2(0/2); San Diego USA 2/4(1/3); San Francisco USA 1/1(1/1); Stuttgart Ge 1/1(1/1); Sydney Austral 2/3(2/3); Tampa USA 0/1; Tokyo Ueno Jap 2/1(0/2); Toledo USA 0/1; Toronto Can 1/3(1/3); Tunis Tun 1/1; Washington NZP USA 1/6(0/4); Whipsnade GB 1/3(1/2/1); Zurich Switz 1/1(1/0).

Total: 76/110(23/67/1) in 60 collections.

No data 1975: Edmonton AGF Can 1/2(0/1).

Breeding loan from Washington NZP (at Cincinnati).

*VICUNA *Lama vicugna* IUCN (V)

Amsterdam Ne 3/2(3/2); Antwerp Bel 5/6(5/3); Berlin E Ge 1/0(1/0); Berlin W Ge 1/1(1/1); Catskill USA