

# 1987 International Zoo Yearbook volume 27

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Paulo Braz 3.5(2.4); Stuttgart Ge 2.6(1.6); Takarazuka Jap 0.1(0.1); Tampa USA 8.28(7.27); Tokyo Tama Jap 1.2(1.2); Toronto Can 3.6(3.5); Tucson RP USA 2.2(1.1); Tyler USA 1.4(1.4); Vienna Aus 1.2(1.2); Whipsnade GB 2.5(2.5); Yokohama Jap 2.1(2.1); Yulee USA 4.6(4.6).  
**Total: 125.264(112.205) in 67 collections.**

No data 1986: Genk Bel; Miami MZ USA; Nanyuki Ken 4.47(b); Seoul Kor.

Breeding loans from Cambridge Can (at Hilvarenbeek); Chester (at Whipsnade); Colorado (at St. Paul); Marwell (at Chicago Br); St Louis (at NY Bronx and NY Bronx SCSC).

Studbook held: see List of studbooks and world registers.

#### \*HARTMANN'S MOUNTAIN ZEBRA

*Equus zebra hartmannae* IUCN(V)

Amsterdam Ne 1.3(1.3); Atina It 1.1(1.1); Berlin E Ge 0.2(0.1); Berlin W Ge 1.2(1.2); Catskill USA 1.2(1.2); Dvur Kralove Cz 4.8(3.6); Erfurt Ge 0.1(0.1); Gelsenkirchen Ge (b); Glendale USA 1.0(1.0); Johannesburg SA 1.2(1.2); Los Angeles USA 1.2(0.2); Madison USA 2.4(2.3); Marwell GB 4.9(4.9); Munich Ge 1.6(0.4); Paris PZ Fr 2.5(2.5); Prague Cz 1.1(0.1); Pretoria SA 1.1(1.1); San Diego WAP USA 5.17(5.17); Santo Domingo Dom 0.5; Usti Cz 4.12(4.5); Veszprem Hun 1.0(1.0); Wroclaw Pol 1.1(1.1).  
**Total: 33.84(29.66)+ in 22 collections.**

No data 1986: Genk Bel.

Studbook held: see List of studbooks and world registers.

#### \*BAIRD'S TAPIR *Tapirus bairdi* IUCN(V)

Columbia USA 1.1; Los Angeles USA 2.2(1.2); San Diego USA 3.3(2.2); Tuxtla Mex 2.1(1.0); Yokohama KNP Jap 1.0(1.0)†.  
**Total: 9.7(5.4) in 5 collections.**

No data 1986: Miami MZ USA.

†included under Yokohama Jap in Volume 26.

Studbook held: see List of studbooks and world registers.

#### \*MALAYAN TAPIR *Tapirus indicus* IUCN(E)

Aalborg Den 1.2; Amsterdam Ne 1.2(0.1); Antwerp Bel 1.2(1.1); Bekesbourne GB 2.2(1.0); Berlin W Ge 1.1; Chicago Br USA 1.0; Cincinnati USA 0.1(0.1); Copenhagen Den 1.2(1.2); Dallas USA 1.0; Detroit USA 1.0; Dortmund Ge 1.3(1.3); Dresden Ge 1.1(1.1); Fukuoka Jap 1.1(1.1); Heidelberg Ge 1.2(1.0); Ito Jap 1.1(1.1); Jarkarta Indon 4.4(3.2); Katowice Pol 1.0; Marwell GB 1.1(1.1); Memphis USA 1.2(1.2); Milwaukee USA 2.1(2.1); Minneapolis USA 1.2(1.2); Mulhouse Fr 1.1(1.1); Munich Ge 2.1(2.1); Nagoya Jap 1.1(1.1); NY Bronx USA 3.3(2.2); Nuremberg Ge 1.3(1.2); Oklahoma USA 1.1(1.1); Osaka Jap 0.1(0.1); Ostrava Cz 1.1; Philadelphia USA 1.1(1.1); Prague Cz 1.1(1.1); Pretoria SA 1.1(1.1); Rome It 1.0; Rotterdam Ne 1.2(1.2); St Louis USA 2.3(1.2); San Diego USA 1.1(1.0); San Diego WAP USA 1.0(1.0); Sao Paulo

Braz 0.2(0.1); Sapporo Jap 1.0(1.0); Shizuoka Jap 1.2(0.1); Singapore 1.5; Stuttgart Ge 1.2(1.2); Taipei Tai 0.1; Tokyo Tama Jap 2.2(2.2); Toronto Can 3.2(3.2); Twycross GB 1.1(1.1); Vienna Aus 1.1(0.1); Washington NZP USA 1.0(1.0); Yokohama Jap 1.1(1.0).

**Total: 57.70(42.47) in 49 collections.**

No data 1986: Bangkok Thai; Kuala Lumpur Mal; Miami MZ USA; Sendai Jap; Seoul Kor.

Breeding loans from Antwerp (at Marwell and Mulhouse); Arnhem (at Amsterdam); Berlin W and Dortmund (at Heidelberg); Heidelberg (at Berlin W); London ZSL (at Rotterdam); Milwaukee (at Toronto); Monroe (at Oklahoma); Prague (at Ostrava); Rotterdam (at Antwerp, Mulhouse and Philadelphia); St Louis (at Milwaukee and NY Bronx).

Studbook held: see List of studbooks and world registers.

#### \*MOUNTAIN or WOOLLY TAPIR *Tapirus pinchaque* IUCN(V)

Los Angeles USA 4.2(3.2); Stuttgart Ge 1.1.  
**Total: 5.3(3.2) in 2 collections.**

#### \*INDIAN RHINOCEROS *Rhinoceros unicornis* IUCN(E)

Amsterdam Ne 1.0(1.0); Basle Switz 1.2(1.2); Berlin E Ge 1.1(1.0); Berlin W Ge 1.1(1.1); Bhubaneswar Ind 1.1; Bombay Ind 1.0; Cologne Ge 1.0(1.0); Delhi Ind 2.1(0.1); Dvur Kralove Cz 1.1(1.1); Hamburg Ge 1.1(1.1); Kanpur Ind 2.1(2.0); Los Angeles USA 2.2(1.1); Madras Ind 1.0; Milwaukee USA 1.0(1.0); Mysore Ind 1.1; Nagoya Jap 1.1(1.0); NY Bronx USA 3.2(3.0); Oklahoma USA 1.1(0.1); Philadelphia USA 2.1(1.1); Planckendael Bel 2.2(1.2); Rotterdam Ne 1.0(1.0); San Diego USA 1.0(1.0); San Diego WAP USA 3.2(3.2); Sao Paulo Braz 1.0(1.0); Stuttgart Ge 2.1(2.1); Tokyo Tama Jap 1.1; Toronto Can 1.1(1.1); Washington NZP USA 1.0(1.0); Whipsnade GB 1.1(1.1); Yokohama KNP Jap 1.1(1.1)†.  
**Total: 40.26(29.17) in 30 collections.**

No data 1986: Calcutta Ind; Chandigarh Ind; Rangoon Burm; Seoul Kor.

Breeding loans from Amsterdam (at Whipsnade); Oklahoma (at NY Bronx); NY Bronx (at Oklahoma); Washington NZP (at Oklahoma and NY Bronx); Whipsnade (at Planckendael).

†included under Yokohama Jap in Volume 26.

Studbook held: see List of studbooks and world registers.

#### \*SUMATRAN RHINOCEROS *Dicerorhinus sumatrensis* IUCN(E)

Jakarta Indon 1.0.

Studbook held: see List of studbooks and world registers.

#### SOUTHERN WHITE or SQUARE-LIPPED RHINOCEROS *Ceratotherium s. simum*

**Total: 159.197(60.61) in 119 collections.**

\*NORTHERN WHITE or SQUARE-LIPPED RHINOCEROS *Ceratotherium s. cottoni* IUCN(E)

Dvur Kralove Cz 3.6(2.1); Frejus Fr 1.0; London ZSL GB 1.0; Rabat Maroc 1.1; San Diego WAP USA 1.0.

Total: 7.7(2.1) in 5 collections.

Species total: 166.204(62.62) in 122 collections.

Studbook held: see List of studbooks and world registers.

\*BLACK RHINOCEROS *Diceros bicornis* IUCN(E)

Alma-Ata USSR 1.1(1.0); Atlanta USA 1.1; Bekebourne GB 3.3(3.1); Berlin W Ge 2.3(1.1); Chester GB 2.1(2.1); Chicago Br USA 1.3(1.1); Chicago LP USA 1.2(1.2); Cincinnati USA 3.3(2.2); Colombo SL 0.1; Colorado USA 1.1; Dallas USA 1.1; Delhi Ind 1.2(0.2); Denver USA 2.2(2.2); Detroit USA 1.1(1.1); Dvur Kralove Cz 3.5(3.2); Frankfurt Ge 1.1(1.1); Garden City USA 1.1; Granby Can 0.1; Hanover Ge 0.1; Hiroshima Jap 2.3(1.2); Johannesburg SA 1.0(1.0); Kansas USA 0.1(0.1); Leipzig Ge 1.1; London ZSL GB 0.1; Los Angeles USA 2.5(1.3); Magdeburg Ge 2.2(1.1); Marwell GB 1.1; Mysore Ind 2.3(1.0); Nagoya Jap 2.2(2.2); Naples It 1.1; Oklahoma USA 1.1(1.0); Osaka Jap 1.1(1.1); Ramat-Gan Is 1.0; Rome It 0.1(0.1); St Louis USA 1.2(0.1); San Antonio USA 1.2(0.2); San Diego USA 2.1(2.0); San Diego WAP USA 1.1(1.1); San Francisco USA 1.2(1.2); Sao Leopoldo Braz 1.1(0.1); Sydney Austral 1.2(1.1); Tampa USA 0.2(0.1); Vienna Aus 1.0; Whipsnade GB 1.1; Wichita USA 1.1(1.1); Zurich Switz 2.3(1.1).

Total: 55.75(34.39) in 46 collections.

No data 1986: Kuala Lumpur Mal; Miami MZ USA.

Breeding loans from Cincinnati (at Chicago LP and San Diego WAP); Denver (at Garden City); Detroit (at Oklahoma and St Louis); London ZSL (at Chester and Marwell); Oklahoma (at Detroit); Whipsnade (at Chester).

Studbook held: see List of studbooks and world registers.

ARTIODACTYLA

GIANT FOREST HOG *Hylochoerus meinertzhageni*†  
Monrovia Lib 0.1.

†not listed on questionnaire.

\*BABIRUSA *Babyrousa babyrussa* IUCN(V)

Antwerp Bel 3.5; Berlin W Ge 1.2; Copenhagen Den 1.1; Frankfurt Ge 2.2; Jakarta Indon 2.4(1.2); Jersey GB 2.1; Leipzig Ge 1.1; Los Angeles USA 1.1; NY Bronx USA 1.1; Nuremberg Ge 2.1; Rotterdam Ne 3.2; Stuttgart Ge 4.3(2.1).

Total: 23.24 in 12 collections; most are presumed captive bred—see Key 6.

No data 1986: Surabaya Indon 16.13.6.

Breeding loans from Antwerp (at Copenhagen and Jersey); Bekebourne (at Antwerp); Rotterdam (at Jersey); Stuttgart (at Frankfurt).

Studbook held: see List of studbooks and world registers.

\*PYGMY HIPPOPOTAMUS *Choeropsis liberiensis* IUCN(V)

Aalborg Den (b); Adelaide Austral 1.3(1.3); Amsterdam Ne 0.1; Antwerp Bel 1.2(1.1); Arnhem Ne 2.2(1.0); Atina It 1.1(1.1); Barcelona Sp 3.1(2.0); Basle Switz 4.2(4.2); Baton Rouge USA 1.1(1.1); Berlin E Ge 1.2(0.1); Berlin W Ge 2.2(2.2); Boston USA 1.1(1.1); Bratislava Cz 1.1; Bristol GB 0.1; Brownsville USA 1.3(0.2); Catskill USA 0.1; Chicago Br USA 1.1(0.1); Cincinnati USA 0.1(0.1); Cleveland USA 1.2(0.1); Dallas USA 1.2(0.1); Debrecen Hun 0.1; Duisburg Ge 2.4(0.2); Dvur Kralove Cz 1.3(1.3); Edinburgh GB 1.1(1.1); Edmonton Can 0.1(0.1); Erfurt Ge 1.1(1.1); Fort Worth USA 1.2(0.2); Halle Ge 1.2(1.2); Hanover Ge 0.1; Honolulu USA 1.2(1.2); Jakarta Indon 1.0(1.0); Johannesburg SA 1.3(1.3); Kaliningrad USSR 2.3(2.3); Kaunas USSR 1.2(1.2); Krefeld Ge 1.1(1.1); Leipzig Ge 2.1(2.1); London ZSL GB 0.1(0.1); Madrid Sp 1.1; Marwell GB 1.1(1.1); Melbourne Austral 2.2(2.2); Monrovia Lib 1.2; Munich Ge 2.2(2.2); Munster Ge 1.1(1.1); Nagoya Jap 1.1(1.1); NY Bronx USA 2.4(2.3); Nuremberg Ge 1.1(1.1); Paris PZ Fr 0.1; Poznan Pol 1.3(1.2); Prague Cz 1.1(1.1); Pretoria SA 1.2(1.2); Rostov USSR 1.1(1.0); Rotterdam Ne 0.2(0.2); St Louis USA 1.3(1.3); Salt Lake USA 1.2(0.2); San Antonio USA 0.2(0.2); San Diego USA 2.2(1.2); San Diego WAP USA 1.2(1.2); San Jose USA 0.1(0.1); Singapore 1.3; Stuttgart Ge 1.1(1.1); Sydney Austral 1.4(1.4); Tokyo Ueno Jap 2.1(0.1); Toronto Can 1.1(1.1); Tucson RP USA 1.1(1.1); Usti Cz 1.2(1.2); Washington NZP USA 1.6(1.5); Whipsnade GB 1.4(1.4); Wroclaw Pol 0.1(0.1); Zurich Switz 1.1(1.0).

Total: 70.121(52.93) + in 69 collections.

No data 1986: Baltimore USA; Blair Drummond GB; Genk Bel; Jackson USA; Kuala Lumpur Mal; Miami MZ USA; Morelia Mex; Seoul Kor.

Breeding loans from Bristol (at Whipsnade); Chicago Br (at San Diego); Melbourne (at Adelaide); London (at Marwell); Philadelphia (at Tucson RP).

Studbook held: see List of studbooks and world registers.

\*VICUGNA *Lama vicugna* IUCN(V)

Amsterdam Ne 6.2; Antwerp Bel 5.1; Berlin W Ge 4.1; Frankfurt Ge 2.1; Halle Ge 1.0; Hanover Ge 2.3(2.2); Lima Peru 15.18(0.0); London ZSL GB 3.3; Munich Ge 4.2; Nagoya Jap 1.2; Paris Men Fr 1.0; Planckendael Bel 2.2; Pretoria SA 2.1; St John Can 1.0; Stuttgart Ge 0.2(0.1); Winnipeg Can 1.0; Yokohama KNP Jap 1.1†; Zurich Switz 2.5.

Total: 53.44 in 18 collections; most are presumed captive bred—see Key 6. Known hybrids at Winnipeg have not been listed.

No data 1986: Santiago Chil.