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*BAIRD'S TAPIR *Tapirus bairdi* IUCN(E)
Los Angeles USA 1.0.

*MOUNTAIN or WOOLLY TAPIR *Tapirus pinchaque* IUCN(E)
Los Angeles USA (0.1).

*INDIAN RHINOCEROS *Rhinoceros unicornis* IUCN(E)
Basle Switz 2.0(1); Gauhati Ind 0.1; Hyderabad Ind 1.0;
San Diego WAP USA 0.1*.

SOUTHERN WHITE RHINOCEROS *Ceratotherium s. simum* RARE
Copenhagen Den 1.0; Dvur Kralove Cz 1.1; Hilvarenbeek Ne 1.1; Knoxville USA 2.0; Laguna Hills USA 2.2(1.0); Phoenix USA 0.1; Pretoria SA 3; Ramatgan Is 1.0; San Diego WAP USA 1.1(0.1); Whipsnade GB 1.1.

*BLACK RHINOCEROS *Diceros bicornis* IUCN(V)
Colorado USA (0.1); Dvur Kralove Cz 0.1; London ZSL GB 1.0; Memphis USA 1.0; Miami CP USA 1.0; Naples It 0.1; Washington NZP USA 1.0; Zurich Switz 1.0.

ARTIODACTYLA

WILD BOAR *Sus scrofa*
Total bred: 73.92.176(9.14.75) in 40 collections.
RUMANIAN WILD BOAR *S. s. attila*
Erevan USSR 20(5).

JAPANESE WILD BOAR *S. s. leucomystax*
Hiroshima Jap 5.1; Kyoto Jap 3.4(2.3); Sendai Jap 3.1;
Tokyo Tama Jap 31(29)*.

KOREAN WILD BOAR *S. s. coreanus*
Daegu Kor 1.3.

MONGOLIAN WILD BOAR *S. s. raddeanus*
Novosibirsk USSR 1.1.

*PYGMY HOG *Sus salvanius* IUCN(E)
Gauhati Ind 2.2(1.1); Zurich Switz (3)*.

WARTHOG *Phacochoerus aethiopicus*
Maiduguri Nig 1.3(1.0); Okahandja Nam 3.0; Pietermaritzburg SA 2.3; Wassenaar Ne 1.1.

*BABIRUSA *Babryrousa babryrussa* IUCN(V)
Antwerp Bel 1.1; Stuttgart Ge (2); Surabaya Indon 3.2.

COLLARED PECCARY *Tayassu tajacu*
Abilene USA 5(3); Adelaide Austral 3.1.2(1.0.2)*;
Caracas Caricua Ven 1.2; Caracas Pinar Ven 10.16;
Calgary Can 1.1.2(2); Chicago Br USA (1.0); Detroit USA 4(2)*; Frejus Fr 1.1; Gelsenkirchen Ge 0.2*; Lima Peru 2.1; Malton GB 2; Melbourne Austral 1.2*; Mexico Chapultepec 7.13; Mulhouse Fr 1.1; Munster Ge 2.2(2.1); NY Bronx USA 0.3*; Port-of-Spain Trin 6(5); Poznan Pol (8); Pretoria SA 5; Rabat Moroc 1.0; Royan Fr 0.2; Stuttgart Ge 0.2*; Wellington NZ 3; Whipsnade GB 3.0*; Zurich Switz 0.3.2(2)*.

ARIZONA PECCARY *T. t. sonoriensis*
San Diego USA 4(2).

TEXAS PECCARY *T. t. angulatus*
Tuxtla Mex 8.12*.

WHITE-LIPPED PECCARY *Tayassu albirostris*
Lima Peru 6.4(1.2).

HIPPOPOTAMUS *Hippopotamus amphibius*
Adelaide Austral (1.0)*; Alma-Ata USSR 0.1; Antwerp Bel 1.0; Bangkok Thai 1.0; Berlin W Ge 0.1*; Bombay Ind 1.0; Budapest Hun 2.0*; Calgary Can (0.1)*; Chester GB 0.1; Chicago Br USA (1); Cologne Ge (1.0); Dubbo Austral 1.1(0.1)*; Dvur Kralove Cz (1.0)*; Hanover Ge 1.0; Houston USA 1.1; Kaliningrad USSR 1.0; Karlsruhe Ge 1.0; Kharkov USSR 1.0; Knoxville USA (0.1); Kobe Jap 0.1; Kyoto Jap (0.1); Laguna Hills USA 2(1); Leipzig Ge 0.1*; Lisbon Port (1.1); Los Angeles USA 1.0*; Madrid Sp 0.1; Mexico Chapultepec 0.1; Munster Ge 1.0; Nagoya Jap 1.0; Naples It 1.0*; New Orleans USA (1.0); Paris PZ Fr (0.1); Peking China 2(1); Prague Cz 1.0; Pretoria SA 1; Rhenen Ne (0.1); Salt Lake USA (1.0); San Antonio USA (0.1)*; Santo Domingo Dom (1.0); Sao Leopoldo Braz 1.1; Sao Paulo Braz 1.0; Sendai Jap 1.0; Seoul Kor 0.1; Stuttgart Ge 1.0; Sydney Austral 0.1; Vienna Aus 1.0; Whipsnade GB 1; Zurich Switz 0.1*.

*PYGMY HIPPOPOTAMUS *Choeropsis liberiensis* IUCN(V)
Arnhem Ne 0.1; Baltimore USA 0.1; Berlin W Ge 0.1*; Brownsville USA 1.0*; Chicago Br USA (0.1)*; Copenhagen Den 0.1; Dallas USA 0.1; Dvur Kralove Cz 2.0; Fort Worth USA 1; Johannesburg SA 0.1; Memphis USA 1.0; Miami CP USA 1.0; Munich Ge 1.0*; Philadelphia USA 1.0; Poznan Pol 1.0; San Diego USA 0.1; Toronto Can 0.1*; Zurich Switz 0.1.

LLAMA *Lama glama*
Total bred: 125.114.26(19.18.8) in 120 collections.

GUANACO *Lama guanicoe*
Total bred: 62.75.10(10.11.7) in 79 collections.

ALPACA *Lama pacos*
Total bred: 24.16.1(3.0.1) in 23 collections.

*VICUNA *Lama vicugna* IUCN(V)
Amsterdam Ne 0.1*; Antwerp Bel 0.1*; Catskill USA 3.0*†; Hanover Ge 0.1; Munich Ge (1.0)*; Nagoya Jap 0.1; Winnipeg Can 1.1*; Zurich Switz 3.0(1)*.

†not pure-bred.

LLAMA HYBRIDS *L. glama* × *L. pacos*
Rome It 0.1.

L. vicugna × *L. pacos*
Hanover Ge 1.0.

BACTRIAN CAMEL *Camelus ferus* dom.
Aalborg Den 1.0; Alma-Ata USSR 1.0; Amersfoort Ne 0.1; Amsterdam Ne (1); Antwerp Bel 0.1; Arnhem Ne 1.0; Berlin E Ge 7.3(1.1); Berlin W Ge 2.0(1); Belo