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# MAMMALS IMPORTED INTO THE UNITED STATES IN 1972



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UNITED STATES DEPARTMENT OF THE INTERIOR Fish and Wildlife Service

# MAMMALS IMPORTED INTO THE UNITED STATES IN 1972

By

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## ABSTRACT

Mammals imported into the United States in 1972 are tabulated by species and country of origin. Total numbers imported from 1968 through 1972 are given for higher taxa and for species most frequently imported. The numbers of mammals imported in 1972 increased only very slightly from the number imported in 1971 largely as a result of increased importation of laboratory animals (Muridae) from Europe. Lists of rare and endangered species imported and of mammals whose importation is restricted are also given.

## MAMMALS IMPORTED INTO THE UNITED STATES IN 1972

This report is the fifth in a series that lists the numbers and species of mammals imported into the United States each year. As in the earlier reports (Jones, 1970; Jones and Paradiso, 1972; Paradiso and Fisher, 1972; Clapp and Paradiso, 1973), it is based on an analysis of import declaration forms (U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife Form 3-177) that are filed at ports of entry where wildlife shipments are presented for customs clearance.

The purpose of this report is to list, by species and country of origin<sup>1</sup>/, the number of mammals declared for importation into the United States in 1972. Scientists, wildlife managers, conservationists and others may be interested in this list for the following reasons: to indicate pressures exerted on certain populations of wild mammals and point out the need for their conservation; reveal species that could become pests if established in the wild; to help mammalogists to determine the source of exotic species found in the wild; to indicate taxa of mammals that must be identified at ports of entry to prevent importation of prohibited mammals; to suggest improvements in procedures of recording declarations of imported wildlife; and to indicate the availability of species that are useful in research. Comparison of this list with previous ones may indicate trends or changes in importance of various species in research and in the pet trade.

### PROCEDURES

Procedures were the same as stated in the preceding report (Clapp and Paradiso, 1973). A notebook was compiled from original and xerographic copies of declaration forms. Therein was listed totals by species name, country of origin, and number imported. A discussion of some of the difficulties encountered in interpreting the names listed on the declaration forms in 1971 (Clapp and Paradiso, op. cit.) is still pertinent to the present listing.

Nomenclature of mammals used in this report follows the sources listed in Paradiso and Fisher (1972). Orders and families are arranged in phylogenetic sequence according to Anderson and Jones (1967); names of genera are alphabetized within each family.

This report is not intended in any way as a systematic treatment. No scientific or common names or combinations of names used herein are proposed as new names.

## NUMBERS OF MAMMALS IMPORTED, BY ORDER AND FAMILY

The following list of the number of imported mammals in the various orders and families will serve in part both as a Table of Contents and Summary of the Systematic List. Totals for 1968 through 1972 are included and should serve as a summary of the overall magnitude of mammal importations during these 5 years. Tabulations of sources from

T'Country of origin' as here used is meant to indicate the country from which the animals were received. It does not necessarily indicate that the animals were native to the country from which received nor that they were born there.

which mammals were received, tabulations of more frequently imported taxa, lists of rare and endangered species imported, and a list of prohibited mammals imported are presented in a section following the systematic list.

Page	Group	Number in Family 1972	Number in Family 1968-1972	Number in Order 1972	Number in Order 1968-1972
5	Monotremata	A	25	4	25
5	Tachyglossidae	4	25		
5	Marsupialia			1,604	7,597
5	Didelphidae	1,269	5,709	-	-
-	Dasyuridae		32		
-	Peramelidae		12		
5	Phalangeridae	18	1,115		
-	Phascolomidae		3		
5	Macropodidae	317	726		
-	Dermoptera				14
-	Cynocephalidae		14		
7	Insectivora			880	3,735
7	Erinaceidae	271	976		
-	Tenrecidae		10		
-	Solenodontidae		4		
-	Soricidae	<b>* -</b>	17		
7	Macroscelididae	29	29		
7	Tupaiidae	580	2,699		
7	Chiroptera			213	1,667
7	Pteropidae	12	51		
7	Emballonuridae	2	2		
•	Noctilionidae		43		
-	Megadermatidae		6		
-	Rhinolophidae		22,		
8	Phyllostomatidae	199	1,4891/		
-	Thyropteridae		*		
-	Vespertilionidae		5		
-	Molossidae		491/		

## TABLE OF CONTENTS AND SUMMARY OF IMPORTATIONS BY ORDERS AND FAMILIES - 1968-1972

\*No number was listed on the 1968 import declarations.

<sup>&</sup>lt;sup>1</sup>This total is low because no number was listed on the import declarations for some animals imported in 1968.

		Number	Number	Number	Number
Page	Group	in	in	in	in
1 - 20	01001	Family	Family	Order	Order
		1972	1968-1972	1972	1968-1972
8	Primates		70	77,638	458,479
8	Lemuridae	1	38		
-	Indriidae		11		
8	Lorisidae	246	1,488		
-	Tarsiidae		1		
9	Cebidae	39,234	253,371		
11	Callithricidae	5,746	30,405		
11	Cercopithecidae	31,959	171,164		
15	Hylobatidae	214	753		
15	Pongidae	236	1,201		
15	(Unidentifiable				
	Primates)	2	47		
16	Edentata			869	3,406
16	Myrmecophagidae	607	2,472		-,
16	Bradypodidae	128	612		
16	Dasypodidae	134	322		
10	<i>,</i> , ,	101			
17	Pholidota			33	95
17	Manidae	33	95		
17	Lagomorpha			102	14,110
17	Leporidae	102	14,110	202	_ ,
18	Rodentia			4,452	12,663
18	Sciuridae	801	2,928	7,752	12,005
10			61		
- 18	Heteromyidae Pedetidae	24	66		
	Cricetidae	105	595		
19		2,827	4,273		
19	Muridae	2,027	10		
19	Gliridae	31	31		
	Dipodidae	25	100		
19 20	Hystricidae	52	207		
	Erethizontidae	64			
20	Caviidae		1,835 920		
20	Hydrochaeridae	270	920 18		
-	Dinomyidae				
20	Dasyproctidae	227	1,449		
21	Chinchillidae	26	109		
-	Capromyidae		49		
-	Octodontidae		5		
-	Echimyidae		7		
21	Cetacea		_	1	101
-	Eschrichtiidae		1		
	Balaenopteridae				

Page	Group	Number in Family 1972	Number in Family 1968-1972	Number in Order 1972	Number in Order 1968-1972
<u></u>	Cetacea (cont'd)			<u> </u>	
-	Monodontidae		3		
-	Platanistidae		11		
-	Phocoenidae		14		
21	Delphinidae (Unknown)	1	29 40		
21	Carnivora			4,112	21,300
21	Canidae	35	170	· <b>,</b>	,
22	Ursidae	66	361		
22	Procyonidae	2,776	13,375		
23	Mustelidae	247	1,622		
24	Viverridae	132	356		
24	Hyaenidae	4	12		
24	Felidae	852	5,404		
2 <b>7</b>	Pinnepedia			15	137
2 <b>7</b>	Otariidae	3	39		
-	Odobenidae		4		
27	Phocidae	12	94		
27	Tubulidentata	2	11	2	11
27	Orycteropodidae	2	11		
27	Proboscidea	<b>5</b> 0 .		79	249
27	Elephantidae	<b>79</b> *	249		
27	Hyracoidea			101	179
27	Procaviidae	101	179		
-	Sirenia				6
-	Trichechidae		6		
28	Perissodactyla			152	672
28	Equidae	88	347		
28	Tapiridae	1	229		
28	Rhinocerotidae	63	96		
28	Artiodactyla		_	151	987
-	Suidae		3 2		
-	Tayassuidae				
-	Hippopotamidae		10		
28	Camelidae	55	161		
29	Cervidae	19	184		
-	Giraffidae	 1	51		
29	Antilocapridae	1 76	4 572		
29	Bovidae	49	1,026	49	1,026
		<del>90,457</del>	526,459	90,457	526,459

## SYSTEMATIC LIST

Common Name	Scientific Name	Country of Origin	Number Reported
	MONOTREMATA		
	TACHYGLOSSIDAE		
Spiny Anteater	Tachyglossus aculeatus	Australia	4
	MARSUPIALIA		
	DIDELPHIDAE		
Woolly Opossum	Caluromys derbianus	Guatemala Honduras Nicaragua	3 6 <u>3</u> 12
Black-shouldered Opossum	+Caluromysiops irrupta	Peru	1
Water Opossum	+Chironectes minimus	Panama	20
Murine Opossum	Marmosa sp.	Colombia Honduras Nicaragua Peru	1,167 64 2 1 1,234
Brown Four-eyed Opossum	Metachirus nudicaudatus	Panama	2
	PHALANGERIDAE		
Spotted Cus Cus	Phalanger maculatus	Singapore	1
Common Cus Cus	Phalanger orientalis	Brit. Solomon	Is. 12
Brush-tailed Possum	Trichosurus vulpecula MACROPODIDAE	New Zealand	5
Brush-tailed Rat Kangaroo	+Bettongia penicillata	Australia	4
Doria's Tree Kangaroo	Dendrolagus dorianus	New Guinea	2
Goodfellow's Tree Kangaroo	Dendrolagus goodfellowi	New Guinea	5

<sup>+</sup>Indicates a family, genus or species that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
Grizzled Tree Kangaroo	+Dendrolagus inustus	Singapore	4
Matschie's Tree Kangaroo	Dendrolagus matschiei	New Guinea	3
New Guinean Forest Mountain Wallaby	Dorcopsulus macleayi	New Guinea	• 4
Agile Wallaby Sandy Wallaby	Macropus agilis	Australia Hong Kong	6 3 9
Scrub Wallaby Dama Wallaby	Macropus eugenii Wallabia eugenii Protemnodon eugenii	Hong Kong New Zealand Singapore	$8 \\ 154 \\ 41/ \\ 166$
Red-necked Wallaby Bennett's Wallaby	Macropus rufogriseus Macropus ruficollis Wallabía rufogrisea	Canada England Indonesia New Zealand	1 4 38 <u>4</u> 47
Euro	Macropus robustus	Australia	4
Wallaby	Macropus sp.	Australia Canada Singapore	2 10 20 32
Red Kangaroo	Megaleia rufa	Australia	3
Rock Wallaby	Petrogale penicillata	New Zealand	4
Scrub Wallaby	+Thylogale bruijni	Singapore	22
Swamp Wallaby Black-tailed Wallaby	+Wallabia bicolor	Australia New Zealand	6 <u>1</u> 7
Kangaroo		Canada	1

 $<sup>^{1}\</sup>mathrm{A}$  statement on the import declaration indicated that these animals had come from New Zealand.

Common Name	Scientific Name	Country of Origin	Number Reported
	INSECTIVORA		
	ERINACEIDAE		
European Hedgehog	Erinaceus e <b>u</b> ropaeus	Pakistan West Germany	$\begin{array}{c} 40\\ \underline{41}\\ \overline{81} \end{array}$
Long-eared Hedgehog	Hemiechinus auritus	Pakistan	136
Afghan Hedgehog	Hemiechinus megalotis	Pakistan	4
Brandt's Hedgehog	+Paraechinus hypomelas	Pakistan	5
Indian Hedgehog	Paraechinus micropus	Pakistan	28
Hedgehog		Pakistan	17
	+MACROSCELIDIDAE		
Elephant Shrew	+Elephantulus rozeti	Morocco	10
Elephant Shrew	+Elephantulus rufescens	Kenya	19
	TUPAIIDAE		
Common Tree Shrew	Tupaia glis	Malaysia Thailand	20 <u>530</u> 550
Terrestrial Tree Shrew	+Tupaia tana	Malaysia	30
	CHIROPTERA		
	PTEROPIDAE		
Gould's Flying Fox	+Pteropus gouldii	Australia	1
Gray-headed Flying Fox	Pteropus poliocephalus	Australia	4
Little Reddish Flying Fox	+Pteropus scapulatus	Australia	1
Malayan Large Flying Fox	+Pteropus vampyrus	Thailand	6
	+EMBALLONURIDAE		
Greater White-lined Bat	+Saccopteryx bilineata	Trinidad	2

Common Name	Scientific Name PHYLLOSTOMATIDAE	Country of Origin	Number Reported
	PHILLOSIOMATILAE		
Geoffroy's Long- nosed Bat	+Anoura geoffroyi	Trinida <b>d</b>	20
Hairy Fruit-eating Bat	+Artibeus hirsutus	Mexico	18
Jamaican Fruit-eating Bat	Artibeus jamaicensis	Mexico	45 <u>1</u> /
Big Fruit-eating Bat	Artibeus lituratus	Mexico Trinidad	45 <u>1</u> / <u>3</u> 48 <u>1</u> /
Short-tailed Fruit Bat	Carollia perspicillata	Panama Trinida <b>d</b>	12 6 18
Vampire Bat	Desmodus rotundus	Mexico	24
Greater Spear-nosed Bat	Phyllostomus hastatus	Trinidad	26
	PRIMATES		
	LEMURIDAE		
Ring-tailed Lemur	Lemur catta	Unknown	1
	LORISIDAE		
Thick-tailed Galago	Galago crassicaudatus	Kenya Somalia	$\frac{20^{1}}{10}$ $\frac{10}{30^{1}}$
Senegal Galago Senegal Bushbaby Night Ape	Galago senegalensis	Botswana Ghana Kenya Somalia	90 <u>31</u> / <u>46</u> <u>1581</u> /
Slow Loris	Nycticebus coucang	Thailand	58

<sup>&</sup>lt;sup>1</sup>This figure is inexact since these animals were in a mixed shipment for which no individual species numbers were listed. -8-

Common Name	Scientific Name	Country of Origin	Number Reported
	CEBIDAE		
Black Howler Monkey	Alouatta caraya	Paraguay	4
Red Howler Monkey	Alouatta seniculus	Colombia	7
Mantled Howler Monkey	Alouatta villosa Alouatta palliata	Colombia Honduras Panama	22 9 2 33
Douroucouli Owl Monkey Night Monkey	Aotus trivirgatus	Colombia Ghana Paraguay Peru	3,059 6 1 <u>467</u> <u>3,533</u>
Long-haired Spider Monkey	Ateles belzebuth	Colombia Peru	26 8 34
Brown-headed Spider Monkey	Ateles fusciceps	Colombia Panama	58 12 70
Black-handed Spider Monkey	Ateles geoffroyi	Colombia Honduras Nicaragua Peru	855 9 738 239 1,841
Black Spider Monkey	Ateles paniscus	Ecuador Peru	1 <u>121</u> 122
Spider Monkey	Ateles sp.	Colombia	3
Dusky Titi Monkey Red Titi Monkey Brown Titi Monkey	Callicebus moloch Callicebus brunneus Callicebus cupreus	Colombia Paraguay Peru	14 4 <u>6</u> <del>24</del>
Titi Monkey	Callicebus sp.	Colombia Peru	5 37 42

Common Name	Scientific Name	Country of Origin	Number Reported
White-fronted Capuchin Cinnamon Ringtail Ringtail Monkey	Cebus albifrons Cebus aequatorialis	Colombia Ecuador Guyana Peru	2,152 32 37 555 2,776
Black-capped Capuchin Tufted Capuchin	Cebus apella Cebus paraguayanus	Colombia Paraguay Peru	172 697 1,106 1,975
White-throated Capuchin White-faced Ringtail White-faced Sapajou White-faced Monkey	Cebus capucinus	Colombia Ecuador Guatemala Guyana Honduras Nicaragua Panama Peru	1,001 20 1 26 13 120 13 15 1,209
Capuchin	Cebus sp.	Paraguay Unknown	102 1 103
Red-backed Saki Black Saki	Chiropotes <b>sa</b> tanas	Colombia Peru	3 3 6
Woolly Monkey	Lagothrix lagothricha Lagothrix cana	Colombia Peru	225 1,900 2,125
Monk Saki	Pithecia monachus	Colombia Guyana Peru	6 6 <u>18</u> <u>30</u>
Squirrel Monkey	Saimiri sciureus	Bolivia Colombia Guyana Paraguay Peru	100 4,609 326 10 20,248 25,293
Squirrel Monkey	Saimiri oerstedii	Nicaragua	4

Common Name	Scientific Name	Country of Origin	Number Reported
	CALLITHRICIDAE	0	1
Goeldi's Marmoset	Callimico goeldii	Peru	4
White-eared Marmoset	Callithrix aurita	Paraguay	48
Golden Marmoset	Callithrix chrysoleuca	Colombia	19
Silky Marmoset	Calcumate emigeoceaca	COIOMDIA	15
Common Marmoset	Callithrix jacchus	Paraguay	9
Marmoset	Callithrix sp.	Colombia	10
Pigmy Marmoset	Cebuella pygmaea	Colombia	102
		Peru	$\frac{9}{111}$
Geoffroy's Tamarin	Saguinus geoffroyi	Panama	11
Red-mantled Tamarin	Saguinus illigeri	Peru	50
Moustached Tamarin	Saguinus mystax	Colombia	611
		Peru	$\frac{453}{1,064}$
White-lipped Tamarin	Saguinus nigricollis	Colombia	1,665
		Peru	$\frac{268}{1,933}$
Cotton-top Marmoset	Saguinus oedipus	Colombia	2,344
	Vedipomidas oedipus	Paraguay Peru	50 25
			2,419
Marmoset	Saguinus sp.	Colombia	5
Marmoset		Colombia Paraguay	33 30
			63
	CERCOPITHECIDAE		
Sooty Mangabey	Cercocebus atys	Ghana Liberia	3 8
	Cercocebus fuliginosus	LIDELIA	ň
Grivet Monkey	Cercopithecus aethiops	Ethi <b>o</b> pia Somalia	982 1,110
African Green Monkey		JUILATTA	2,092

Common Name	Scientific Name	Country of Origin	Number Reported
Redtail Monkey	Cercopithecus ascanius	Liberia	3
Moustached Monkey	Cercopithecus cephus	Angola Congo	$\frac{2}{\frac{1}{3}}$
Diana Monkey	Cercopithecus diana	Liberia Netherlands Sierra Leone	3 2 <u>11</u> 16
Mona Monkey	Cercopithecus mona	Liberia Ghana	8 <u>6</u> 14
De Brazza's Monkey	Cercopithecus neglectus	Congo Uganda	4 <u>31</u> <u>35</u>
Spot-nosed Monkey	Cercopithecus nictitans	Congo Ghana Uganda	2 19 9 30
Vervet Monkey African Green Monkey	Cercopithecus pygerythrus	Botswana Kenya Tanzania Unknown	2 42 1,046 <u>90</u> 1,180
Green Monkey	Cercopithecus sabaeus	Ghana	2
Talapoin Monkey	Cercopithecus talapoin	West Germany	5
Abyssinian Colobus Monkey	Colobus guereza Colobus abyssinicus	Ethiopia Switzerland Tanzania	4 2 3 9
Patas Monkey	Erythrocebus patas	England Ghana Nigeria	6 7 <u>208</u> 221

Common Name	Scientific Name	Country of Origin	Number Reported
Stump-tailed Macaque	Macaca arctoides	India Indonesia Malaysia Singapore Thailand	10 <u>1</u> / 20 89 <u>2</u> / 11 1,546 1,676 <u>2</u> /
Formosan Rock Macaque	Macaca cyclopis	Taiwan	15
Crab-eating Macaque Cynomolgus Monkey Long-tailed Monkey Java Monkey	Macaca fascicularis Macaca cynomolgus Macaca irus	Canada Indonesia Malaysia Philippines Singapore Thailand	$80^{3/} \\ 80 \\ 689^{2/} \\ 300 \\ 11 \\ 237 \\ 1,397^{2/} \\$
Celebes Macaque	Macaca maura	Taiwan	1
Rhesus Macaque Rhesus Monkey	Macaca mulatta	Bangladesh Canada India Indonesia Thailand	$130 \\ 2 \\ 22,595 \\ 30 \\ 453^{2/} \\ \overline{23,210^{2/}}$
Pig-tailed Macaque Pig-tailed Monkey	Macaca nemestrina	Indonesia Malaysia Singapore Thailand	135 204 <u>2</u> / 20 222 5812/
Celebes Black Ape	Macaca nigra Cynopithecus niger	Canada Singapore	2 9 11
Lion-tailed Macaque Wanderoo	Macaca silenus	India Unknown	$\frac{1}{2}$
Macaque	Macaca sp.	Thailand	39

<sup>1</sup>An entry on the declaration form stated that these animals originally came from Thailand.

<sup>2</sup>This number is not accurate because some animals were included in mixed species shipments for which no individual species numbers were listed.

<sup>3</sup>These animals were stated to have originally come from Malaysia.

Common Name	Scientific Name	Country of Origin	Number Reported
Olive Baboon Doguera Baboon	Papio anubis Papio doguera	Canada Ethiopia Kenya Senegal Somalia Tanzania	61/806171001/32571,063
Yellow Baboon	Papio cynocephalus	Tanzania	20
Sacred Baboon Hamadryas Baboon	Papio hamadryas	Ethiopia Ghana Tanzania	58 1 30 89
Drill	Papio leucophaeus Mandrillus leucophaeus	Congo	1
Guinea Baboon	Papio papio	Ghana Senegal Unknown	1 60 70 131
Mandrill	Papio sphinx Mandrillus sphinx	Denmark	4
Baboon	Papio sp.	Kenya	20
Silvered Leaf Monkey Silver Langur	Presbytis cristatus	Singapore Thailand	3 <u>31</u> 34
Hanuman Langur	Presbytis entellus	Thailand	122/
Dusky Leaf Monkey Spectacled Langur	Presbytis obscurus	Singapore Thailand	3 21 24
Purple-faced Langur	Presbytis senex	Ceylon	1
Langur	Presbytis sp.	Singapore Thailand	$\frac{1}{2}$
Gelada Baboon	Theropithecus gelada	Ethiopia	3

 $<sup>^1\!\!\!\</sup>mathrm{Entries}$  on the import declaration indicated that these animals originally came from Kenya.

<sup>&</sup>lt;sup>2</sup>These animals were stated to have originally come from India.

Common Name	Scientific Name	Country of Origin	Number Reported
	HYLOBATIDAE		
Black Gibbon White-cheeked Gibbon	Hylobates concolor	Hong Kong Laos Singapore Thailand	$\begin{array}{c} 3^{\underline{1}} / \\ 6 \\ 1^{\underline{1}} / \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\$
White-handed Gibbon	Hylobates lar	Denmark Laos Singapore Thailand	$30\frac{1}{18}$ $37\frac{2}{1}$ $\frac{1}{86}$
Siamang Gibbon	Hylobates syndactylus Symphalangus syndactylus	Denmark Singapore	$\frac{2^{1/}}{\frac{83}{85}}$
Gibbon	Hylobates sp.	Singapore Thailand	29 <u>3</u> / 3 32
	PONGIDAE		
Chimpanzee	Chimpansee troglodytes Pan troglodytes Anthropithecus troglodytes Pan satyrus Pan paniscus	Canada Kenya Liberia Sierra Leone Thailand West Germany	5
Orang-utan	Pongo pygmaeus	Canada West Germany	$\frac{1}{\frac{1}{2}}$
	(Unidentifiable Primates)	Brazil	2

<sup>&</sup>lt;sup>1</sup>Entries on import declarations indicated that these animals originally came from Laos.

 $<sup>^{2}</sup>$ One of these gibbons was stated to have originally come from Laos.

<sup>&</sup>lt;sup>3</sup>Four of these animals were stated to have originally come from Thailand.

<sup>&</sup>lt;sup>4</sup>This animal was stated to have originally come from Zaire.

Common Name	Scientific Name	Country of Origin	Number Reported
	EDENTATA		
	MYRMECOPHAGIDAE		
Giant Anteater Gr <b>e</b> ater Anteater	Myrmecophaga tridactyla Myrmecophaga jubata	Colombia Paraguay Peru	53 4 <u>3</u> 60
Tamandua Lesser Anteater	Tamandua tetradactyla	Colombia Honduras Nicaragua Paraguay Peru	536 3 1 2 5 547
	BRADYPODIDAE		
Three-toed Sloth	Bradypus infuscatus	Colombia Nicaragua Peru	52 1 1 54
Three-toed Sloth	+Bradypus torquatus	Peru	3
Three-toed Sloth	Bradypus tridactylus	Co <b>lo</b> mbia Guyana	24 2 26
Two-toed Sloth	Choloepus didactylus	Colombia Guyana	$\frac{21}{\frac{2}{23}}$
Two-toed Sloth Hoffmann's Sloth	Choloepus hoffmanni	Colombia Nicaragua Panama Peru	7 1 12 <u>1</u> 21
Sloth		Colombia	1
DASYPODIDAE			
Hairy Armadillo	+Chaetophractus vellerosus	Argentina Paraguay	21 5 26
Hairy Armadillo	Chaetophractus villosus	Paraguay	4

Common Name	Scientific Name	Country of Origin	Number Reported
Nine-banded Armadillo	Dasypus novemcinctus	Mexico Paraguay	3 4 7
Six-banded Armadillo	Euphractus sexcinctus	Paraguay Peru	4 2 6
Giant Armadillo	+Priodontes giganteus	Guyana	1
Three-banded Armadillo La Plata Armadillo	Tolypeutes matacus	Argentina Paraguay	8 <u>35</u> 43
Pichi Armadillo	Zaedyus pichiy	Argentina Paraguay	$\frac{11}{\frac{3}{14}}$
Armadillo		Argentina Guyana Paraguay	$27$ $4$ $\frac{1}{32}$
	PHOLIDOTA		
	MANIDAE		
Malayan Pangolin Scaly Anteater	Manis javanica	Singapore Thailand	$\frac{1}{\frac{32}{33}}$
	LAGOMORPHA		
	LEPORIDAE		
Snowshoe Hare	Lepus americanus	Canada	60
European Hare	+Lepus europaeus	West Germany	15
Old World Rabbit	Oryctolagus cuniculus	England West Germany	19 <u>8</u> 27

Common Name

# Scientific Name

## RODENTIA

# SCIURIDAE

Golden-backed Squirrel	Callosciurus caniceps	Thailand	2
Black Squirrel	+Callosciurus germaini	Thailand	2
Finlayson's Squirrel	Callosciurus finlaysoni	Thailand	31
Swinhoe's Striped Squirrel	+Callosciurus swinhoei Tamiops swinhoei	Thailand	6
Beautiful Squirrel Tri-colored Squirrel	Callosciurus sp.	Thailand	96
Northern Palm Squirrel	+Funambulus pennanti	Pakistan	2
Red and White Flying Squirrel	+Petaurista alborufus	Thailand	10
Dwarf Flying Squirrel	Petinomys setosus Petinomys phipsoni	Thailand	10
Malayan Giant Squirrel	Ratufa bicolor	Thailand	23
Indian Giant Squirrel	Ratufa indica	Thailand	5
Tropical Red Squirrel	Sciurus granatensis	Colombia Nicaragua	481 <u>3</u> 484
Variegated Squirrel Silver Squirrel	Sciurus variegatoides	Honduras Nicaragua	10 <u>16</u> 26
Squirrel	Sciurus sp.	Colombia Honduras	30 12 42
Squirrel		Ghana Thailand	9 51 60
Flying Squirrel		Thailand	2
	PEDETIDAE		
African Jumping Hare Spring Hare	Pedetes capensis Pedetes cafer	Botswana	24

Country of Number Origin Reported

Common Name	Scientific Name	Country of Origin	Number Reported
	CRICETIDAE		
Vesper Mouse	+Calomys callosus	Panama	6
Sand Rat	+Gerbillus sp.	Morocco	81
Sand Rat	+Meriones libycus	Morocco	7
Fat-tailed Gerbil	+Pachyuromys duprasi	Morocco	1
Indian Gerbil	+Tatera indica	Pakistan	8
Gerbil		Pakistan	2
	MURIDAE		
Egyptian Spiny Mouse	Acomys cahirinus	Unknown	121/
Golden Spiny Mouse	+Acomys russatus	Unknown	11 <u>1</u> /
House Mouse	Mus musculus	Canada England Scotland	6 2,423 <u>83</u> 2,512
Pacific Rat	Rattus exulans	Hawaii	30
Norway Rat	Rattus norvegicus	Argentina Canada France	25 25 212 262
	+DIPODIDAE		
Small Five-toed Jerboa	+Allactaga elater	Pakistan	6
Blanford's Jerboa	+Jaculus blanfordi	Pakistan	25
	HYSTRICIDAE		
Brush-tailed Porcupine	Atherurus macrourus	Thailand	2
Malayan Porcupine	Hystrix brachyurum	Thailand	1
Porcupine		Ethiopia Thailand	4 <u>18</u> 22

<sup>&</sup>lt;sup>1</sup>These figures are inexact since these animals arrived in a mixed species shipment for which no individual species number was given.

Common Name	Scientific Name	Country of Origin	Number Reported
	ERITHIZONTIDAE		
Prehensile-tailed Porcupine	Coendou bicolor	Pe <b>ru</b>	4
Prehensile-tailed Porcupine	Coendou mexicanus	Honduras Nicaragua	26 <u>16</u> 42
Prehensile-tailed Porcupine	Coendou prehensilis	Guyana	2
Prehensile-tailed Porcupine	Coendou sp.	Colombia	3
Porcupine		Colombia	1
	CAVIIDAE		
Guinea Pig	Cavia porcellus	Peru	54
Mara	Dolichotis patagona	Argentina	10
	HYDROCHAERIDAE		
Capybara	Hydrochaeris hydrochaeris Hydrochaeris capybara	Argentina Colombia Paraguay Peru	2 254 6 <u>8</u> 270
	DASYPROCTIDAE		
Paca	Agouti paca Cuniculus paca	Colombia Honduras Nicaragua Peru	15 5 2 5 27
Agouti	Dasyprocta aguti	Colombia Pe <b>r</b> u	16 <u>8</u> 24
Agouti	Dasyprocta fuliginosa	Colombia Guyana Peru	56 6 <u>69</u> 131

Common Name	Scientific Name	Country of Origin	Number Reported
Agouti	Dasyprocta punctata	Honduras Nicaragua Panama Peru	15 1 3 1 20
Agouti	Dasyprocta sp.	Paraguay Peru	$\frac{10}{13}$
Acushi	Myoprocta sp.	Peru	12
	CHINCHILLIDAE		
Chinchilla	Chinchilla laniger	Canada	26
	CETACEA		
	DELPHINIDAE		
Bottle-nosed Dolphin	Tursiops truncatus	Belguim	1 <u>1/</u>
	CARNIVORA		
	CANIDAE		
Arctic Fox	Alopex lagopus	Canada	2
Coyote	Canis latrans	Canada	8
Gray Wolf	Canis Lupus	Canada	15
Wolf		Canada	1
Maned Wolf	Chrysocyon brachyurus	West Germany	1
South American Fox	+Dusicyon sp.	Ecuador	2
Bush Dog	Speothos venaticus	Colombia Surinam	1 2 3
Red Fox	+Vulpes fulva	Canada	3

 $<sup>^{1}\!\</sup>mathrm{An}$  entry on the declaration form indicated that this animal was originally from the United States.

Common Name	Scientific Name	Country of Origin	Number Reported
	URSIDAE		
Malayan Sun Bear	Helarctos malayanus	Singapore Thailand	3 6 9
Asiatic Black Bear Himalayan Black Bear	Selenarctos thibetanus Ursus thibetanus	India Nepal Thailand	17 2 10 29
American Black Bear	Ursus americanus	Canada Singapore	18 3 21
Polar Bear	Ursus maritimus Thalarctos maritimus	Canada Denmark West Germany	3 2 <u>1</u> / 7
	PROCYONIDAE		
Lesser Panda	Ailurus fulgens	Denmark Japan Nepal	4 2 4 10
Cacomistle	Bassariscus sumichrasti	Nicaragua	2
Coati	Nasua nasua Nasua narica	Colombia Ecuador Guatemala Honduras Nicaragua Panama Paraguay Peru	36 4 137 129 17 77 474 878
Kinkajou Honeybear	Potos flavus	Colombia Ecuador Guatemala Honduras Nicaragua Panama Peru Unknown	260 36 3 6 10 7 148 3 473

<sup>&</sup>lt;sup>1</sup>An entry on the declaration form indicated that these animals originally came from East Germany.

Common Name	Scientific Name	Country of Origin	Number Reported
Crab-eating Raccoon	Procyon cancrivorus	Colombia Honduras Nicaragua	1,391 3 <u>1</u> 1,395
Raccoon	Procyon lotor	Canada Honduras Nicaragua	7 4 7 18
	MUSTELIDAE		
Oriental Small-clawed Otter	Amblonyx cinerea	Malaysia Thailand	5 73 78
Tayra	Eira barbara	Colombia Paraguay Peru	53 1 <u>2</u> 56
Grison	+Galictis allamandi	Honduras	2
Grison	Gali <b>c</b> tis vittata	Colombia Peru	43 <u>1</u> 44
Southern River Otter	Lutra annectens	Colombia Honduras	$\frac{3}{\frac{1}{4}}$
River Otter	Lutra canadensis	Canada	2
River Otter	+Lutra enhydris	Paraguay	1
Old World River Otter	Lutra lutra	Thailand	23
Otter	Lutra sp.	Thailand	20
Otter		Thailand	9
Striped Skunk	Mephitis mephitis	Canada	5
Long-tailed Weasel	+Mustela frenata	Honduras	1
European Polecat	Mustela putorius	England	1
Marbled Polecat	+Vormela peregusna	Pakistan	1

Common Name	Scientific Name VIVERRIDAE	Country of Origin	Number Reported
Binturong	Arctictis binturong	Singapore Thailand	2 4 6
Bennett's Otter Civet	+Cynogale bennetti	Malaysia Thailand	5 2 7
Banded Palm Civet	Hemigalus derbyanus	Thailand	1
Masked Pa <b>l</b> m Civet Himalayan Palm Civet	Paguma larvata	Thailand	6
Common Palm Civet	Paradoxurus hermaphroditus	Malaysia Thailand	2 62 64
Banded Linsang Tiger Civet	Prionodon Linsang	Thailand	6
Oriental Civet	+Viverra zibetha	Thailand	6
Lesser Oriental Civet	Viverricula indica	Thailand	36
	HYAENIDAE		
Striped Hyaena	Hyaena hyaena	India	4
	FELIDAE		
Cheetah	Acinonyx jubatus	South Africa SW Africa Unknown	30 13 <u>1</u> 44
Leopard Cat	Felis bengalensis	Malaysia Singapore Thailand	18 4 298 320
Domestic Cat	Felis catus	England Thailand	19 2 21
Jungle Cat	Felis chaus	Thailand	2

Common Name	Scientific Name	Country of Origin	Number Reported
Puma Cougar	Felis concolor	Canada Colombia Paraguay Peru	10 18 2 2 32
Geoffroy's Cat	Felis geoffroyi	Argentina Paraguay Peru	2 40 <u>1</u> 43
Pallas's Cat	+Felis manul	Netherlands USSR	$6\frac{1}{7}$
Marbled Cat	Felis marmorata	Netherlands Singapore	1 4 5
Ocelot	Felis pardalis	Canada Colombia Ecuador Honduras Nicaragua Peru South Vietnam	$m \frac{1}{62} \\ 1 \\ 2 \\ 9 \\ \frac{33}{12} / \\ 109 $
Flat-headed Cat	Felis planiceps	Singapore	1
Serval	Felis serval	Kenya	3
Temminck's Golden Cat	Felis temmincki	Singapore Thailand	1 14 15
Fishing Cat	Felis viverrina	Indonesia Singapore Thailand	2 1 4 7

 $<sup>^{1}\</sup>mathrm{An}$  entry on the declaration form indicated that these animals originally came from the USSR.

 $<sup>^2{\</sup>rm This}$  animal was a pet that had been taken to South Vietnam from the United States.

Common Name	Scientific Name	Country of Origin	Number Reported
Margay	Felis wiedii	Colombia Paraguay Pe <b>ru</b>	4 10 2 16
Jaguarundi	Felis yagouaroundi Herpailurus yagouaroundi	Colombia Ecuador Guyana Honduras Nicaragua Peru	159 1 1 2 <u>1</u> 165
Cat	Felis sp.	Ghana Malaysia	2 2 4
Lion	Leo leo	Canada Colombia El Salvador Jamaica Kenya	2 5 4 3 4 18
Jaguar	Leo onca	Colombia	1
Leopard	Leo pardus L. p. japonicus	Canada Laos Singapore	3 4 <u>1</u> 8
Tiger	Leo tigris	Canada	4
C <b>an</b> ada Lynx	Lynx canadensis	Canada	6
Caracal	Lynx caracal	Botswana Morocco	5 2 7
Clouded Leopard	Neofelis nebulosa	Canada Denmark Laos Singapore	$\frac{\frac{1}{31}}{\frac{1}{7}}$

 $<sup>^1\!\</sup>mathrm{An}$  entry on the declaration form indicated that these animals were originally from Laos.

Common Name	Scientific Name	Country of Numb Origin Report	
Snow Leopard	Uncia uncia	Netherlands	21/
	PINNEPEDIA		
	OTARIIDAE		
California Sea Lion	Zalop <b>hu</b> s californianus	Bahama Islands Belgium Unknown	$\frac{1}{\frac{1}{3^2}}$
	PHOCIDAE		
Gray Seal	+Halichoerus gryphus	Canada	5
Harbor Seal	Phoca vitulina	Canada	7
	TUBULIDENTATA		
	ORYCTEROPODIDAE		
Aardvark	Orycteropus afer	Ethiopia	2
	PROBOSCIDEA		
	ELEPHANTIDAE		
Indian Elephant	Elephas maximus	India Thailand	$\frac{41}{43}$
African Elephant	Loxodonta africana	Canada Kenya Sierra Leone SW Africa	2 2 1 <u>31</u> <u>36</u>
	HYRACOIDEA		
	PROCAVIIDAE		
Rock Hyrax	Heterohyrax syriacus	Ethiopia	33
Rock Hyrax	Procavia capensis	Ethiopia SW Africa	56 12 68

 $^{1}$ Stated on the declaration form to be originally from the USSR.

 $^{2}$ Stated on the declaration form to be originally from the United States.

Common Name	Scientific Name PERISSODACTYLA		umber ported
	EQUIDAE		
Donkey	+Equus asinus	Canada	2
Burchell's Zebra Grant's Zebra Damara Zebra	Equus burchelli È. b. bohmi E. b. antiquorum	Canada Kenya SW Africa	2 54 <u>29</u> 85
Onager	Equus hemionus É. h. onager	Canada	1
	TAPIRIDAE		
Baird's Tapir	Tapirus bairdii	British Hondura	s 1
	RHINOCEROTIDAE		
White Rhinoceros	Ceratotherium simum	South Africa	40
Black Rhinoceros	Diceros bicornis	South Africa SW Africa West Germany	$20 \\ \frac{1}{21}/{23}$
	ARTIODACTYLA		
	CAMELIDAE		
Dromedary Camel	Camelus dromedarius	Australia Canada	52 <u>1</u> 53
Guanaco	Lama guanaco	Canada	1
Vicuna	+Vicugna vicugna	Canada	1

<sup>&</sup>lt;sup>1</sup>These animals were transhipped from Kenya via Czechoslovakia to West Germany.

Common Name	Scientific Name	Country of Numb Origin Repor	
	CERVIDAE		
Red Deer Wapiti	Cervus elephus	Canada	3
Eld Deer Thamin	Cervus eldi	West Germany	1 <u>1</u> /
Swamp Deer Barasingha	+Cervus duvauceli	West Germany	1 <sup>2/</sup>
Sika Deer Japanese Sika Deer Formosan Sika Deer	Cervus nippon C. n. nippon C. n. taiouanus	Canada	5
Fallow Deer	Dama dama	Canada	2
White-tailed Deer	Odocoileus virginianus	Canada	7
	ANTILOCAPRIDAE		
Pronghorn Antelope	Antilocapra americana	Canada	1
	BOVIDAE		
Addax	Addax nasomaculatus	Canada	1
Impala	Aepyceros melampus	South Africa	6
Red Hartebeest	Alcelaphus buselaphus Alcelaphus caama	SW Africa	3
Blackbuck	Antilope cervicapra	Canada	3
American Bison	+Bison bison	Canada	5
Banteng	+Bos banteng	West Germany	3
Yak	Bos grunniens	Canada	3
Yellow-backed Duiker	Cephalophus silvicultor	West Germany	1
Gnu	Connochaetes sp.	Canada	1

 $<sup>^{1}\</sup>mathrm{An}$  entry on the declaration form indicated that this animal had been obtained in Burma.

<sup>&</sup>lt;sup>2</sup>A declaration form entry indicated that this animal came from East Germany.

Common Name	Scientific Name	Country of Origin	Number Reported
Persian Gazelle	+Gazella subgutturosa	West Germany	1
Sable Antelope	Hippotragus niger	Canada SW Africa	2 5 7
Domestic Sheep	Ovis aries	Canada	3
Mountain Sheep Bighorn Sheep	Ovis canadensis O. c. canadensis O. c. californiana	Canada	31
Mouflon	Ovis musimon	Canada	2
Nyala	Tragelaphus angasi	SW Africa	4
Sitatunga	Tragelaphus spekii	West Germany	1
Greater Kudu	Tragelaphus strepsiceros Tragelaphus capensis	SW Africa	1
UNKNOWN		Panama Paraguay Taiwan	42 6 <u>1</u> 49

## RESULTS AND DISCUSSION

#### Yearly Comparisons and Summaries

Numbers of mammals declared for importation into the United States increased from 89,854 in 1971 to 90,457 in 1972, an insignificant increase of 603 individuals or .67 percent. Most major groups imported (see below) showed almost no change in the proportion they contributed to the total imported. Primate imports declined slightly, and imports of rodents increased slightly. The increase in the number of Rodentia imported was almost entirely the result of an increase in the numbers of laboratory animals (*Rattus norvegicus* and *Mus musculus*) declared for importation.

Group		Percent	of Total 1	Imports		
-	1968	1969	1970	. 1971	1972	All Years
Primates Rodentia Carnivora Marsupialia Insectivora Edentata Chiroptera subtotal Lagomorpha	$   \begin{array}{r}     87.80 \\     2.10 \\     2.75 \\     .95 \\     .54 \\     .47 \\     .20 \\     \overline{94.81} \\     \overline{4.52} \\   \end{array} $	$   \begin{array}{r}     88.61 \\     1.90 \\     3.75 \\     1.73 \\     .62 \\     .62 \\     .35 \\     \overline{97.58} \\     \overline{1.63}   \end{array} $	83.69 1.52 5.19 1.06 .56 .58 .36 <u>92.96</u> 6.49	88.91 1.94 4.63 1.83 .97 .71 .34 <u>99.33</u> .07	85.83 4.92 4.54 1.77 .97 .96 .24 <u>99.23</u> .11	$   \begin{array}{r} 87.09 \\     2.41 \\     4.05 \\     1.44 \\     .71 \\     .65 \\     .32 \\     \underline{96.67} \\     2.68 \\   \end{array} $
All others	.67	.79	.55	.60	.66	.65

The variety of taxa imported (see below) was slightly less in 1972 than that of taxa in 1971; nonetheless the present report lists 3 families, 21 genera, and 48 species that did not appear in the four previous listings. A number of species listed here for the first time, however, (e.g., *Galictis allamandi, Viverna zibetha*, and *Vulpes fulva*) were probably imported during the preceding 4 years; their absence from earlier lists reflects, in part, differences in methods of interpreting the data and in part the general low level of taxonomic competence exhibited on many of the import declarations. About 70 percent of the families, 33 percent of the genera and 14 percent of the species of mammals of the world have been imported into the United States during the last 5 years.

Years	Orders	Families	Genera	Species	Mammals Imported
1968	17	62	190	288	129,520
1969	19	67	201	299	122,975
1970	18	62	192	296	93,653
1971	17	57	173	275	89,854
1972	17	53	161	271	90,457
All Years	19	85	329	573	526,459

Families of mammals making the largest contribution to the 1972 import totals are listed in table 1. With the exception of the Muridae most of the first 10 families listed show little change from that listed for 1971 and all but the Sciuridae have been among the "top 10" families in at least 4 of the 5 years covered by these reports. Similarly, species of mammals most frequently imported (table 2) have shown relatively little change from year to year. Most of the species that have shown the most marked changes in ordinal rank over the 5-year period (e.g. *Procyon cancrivorus, Cebus apella, Saguinus mystax,* and *S. nigricollis*) are also among those species for which nomenclature on the declaration forms has often been inadequate. Consequently it seems likely that the changes in the level of importation implied by changes in these ordinal rankings may be more apparent than real.

Number Reported Reported Reported Reported 23,371 13,375 5,709 5,404 2,472 2,427 2,427 2,427 2,427 2,427 1,449 1,4	518,598
Numerical Number Change Reported since 1971 1968-1972 - 4,441 253,371 + 2,149 171,164 + 194 30,405 - 177 5,709 - 177 5,709 - 177 5,709 - 103 5,404 - 128 2,928 + 118 2,699 - 103 5,404 - 128 2,928 - 103 5,404 + 2,55 13,375 - 103 5,709 - 100 1,449 + 25 11,201 - 113 1,489 + 49 25 + 49 25 + 449 3326 + 49 3326 + 40 1,449 + 40 1,449 + 41 1,201 + 41 1,100 + 68 612 + 42 11,410 + 68 612 + 42 11,410 + 68 612 + 44 100 + 44 100 + 44 100 + 44 100 + 46 11,449 + 40 356 + 41 100 + 42 11,410 + 44 1,500 + 44 1,5000 + 44 1,5000 + 44 1,5000 + 44 1,5	
Percent of Total Reported 1972 43.37 35.33 5.35 5.35 5.35 5.35 5.35 5.35	99.03
Number Reported 1972 39,253 5,746 2,776 1,269 801 801 801 801 801 270 271 270 271 271 271 271 271 271 134 1132 1128 1128 1128 1105 1105	89,580
Family Cebidae Cercopithecidae Callithricidae Muridae Procyonidae Procyonidae Felidae Sciuridae Myrmecophagidae Tupaiidae Myrmecophagidae Hydrochoeridae Hydrochoeridae Mustelidae Pongidae Pongidae Pongidae Pongidae Pongidae Procaviidae Procaviidae Procaviidae Procaviidae	
222222222222222222222222222222222222222	
k 32855 32855 32855 32855 32855 32855 32855 32855 32855 32855	
1000 100 1000 1	
Ordinal Rank in 1968,1969,1970, 1971 and 1972 5 4 5 4 3 5 4 5 4 3 7 7 7 5 6 6 6 6 6 6 9 13 12 7 12 10 13 13 14 10 13 13 14 10 13 12 10 9 9 13 12 7 13 18 16 14 17 17 10 14 17 17 10 16 15 13 12 17 15 13 12 18 18 23 19 22 23 28 33 35 22 28 33 35 22 29 41 41 33	
-32- -32-	

Table 1.--Families making principal contributions to numerical totals, 1968-1972

Table 2. Species of mammals most frequently imported, 1968-1972.

Number(and percentage) of Total Imported 1968-1972	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Number (and percentage) of Total Imported 1972	25,293 (27.96) 23,210 (25.67) 3,533 (3.91) 2,512 (2.56) 2,512 (2.78) 2,125 (2.78) 2,125 (2.78) 2,125 (2.78) 2,125 (2.67) 2,125 (2.67) 2,125 (2.14) 1,975 (2.14)	
Ordinal Rank in 1968, 1969, 1970, 1971 and 1972	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 quirrel Monkey, Saímíri ácúnteus 2 2 2 2 2 2 2 Rhesus Macaque, Macaca mulatía 6 3 4 5 6 4 Mhite-Fronted Capuchin, Cebus albifnons 36 30 $1/^{-}$ $1/^{-}$ 5 House Mouse, Mus musculus 8 5 $7/^{-}$ $1/^{-}$ 5 House Mouse, Mus musculus 9 6 6 5 7 Woolly Monkey, Cactopitnic Lagothricha 14 11 9 11 11 Black-capped Capuchin, Cebus actiops 14 11 9 11 11 Black-capped Capuchin, Cebus actiops 15 10 25 9 10 Mhite-lipped Tamarin, Saguínus nigricollis 16 15 11 2 12 10 13 Crab-eating Macaque, Macaca arctoides 17 $10^{-}$ 17 10 25 9 10 Mhite-lipped Tamarin, Saguínus nigricollis 18 16 12 12 Stump-tailed Macaque, Macaca arctoides 10 17 112 12 10 13 Crab-eating Raccoon, Procyon cancrivonus 11 19 11 13 12 10 13 Crab-eating Macaque, Macaca arctoides 12 $-1/^{-}$ 10 16 17 Moustached Tamarin, Saguínus mystax 12 $-1/^{-}$ 10 16 17 Moustached Tamarin, Saguínus mystax 23 24 20 17 18 Olive Baboon, Papio anubis 24 22 28 23 12 20 Pig-tailed Macaque, Macaca newstrina 26 23 12 20 Pig-tailed Macaque, Macaca newstrina 27 28 28 23 20 7 Pig-tailed Macaque, Macaca newstrina 28 23 20 27 18 Olive Baboon, Papio anubis 29 21 20 22 21 2 amandua , Tamandua , tetadadcugla 20 23 24 20 7 Pig-tailed Macaque, Macaca newstrina 20 23 28 23 27 Pig-tailed Macaque, Macaca newstrina 20 24 Kinkajou, Potos & Evonda Sciurus granatensis 48 29 26 30 25 Leopard Cat, Felis bengalensis	

1Not listed in report or ordinal ranking lower than 40.

reports. Totals for earlier years used here are based on the proportions of the two species imported in 1971 and 1972.  $^2$ Five-year totals for Cercopithecus aethiops and C. pygerythrus are not highly accurate since it seems likely that a substantial number of pygerythrus were included with aethiops in the 1968, 1969, and 1970

### Sources of Imported Mammals

In 1972 imported mammals were received from 64 countries (tables 3 and 4), compared with 66 countries in 1971. Nine of these countries were not listed as sources of imported mammals in either 1970 or 1971; the total number of countries exporting mammals to the U.S. from 1970 to 1972 is 85. None of these newly listed countries, except Bangladesh, exported more than 100 mammals to the United States in 1972. The total number exported from all 9 countries was only 243 animals, a negligible 0.27 percent of all imports.

Table 5 compares numbers of mammals imported from the principal countries of origin from 1970 through 1972. For the most part the principle sources were the same in 1972 as those of the two preceding years. Variations in the ordinal rankings of two countries, Kenya and Tanzania, probably do not adequately reflect differing levels of wildlife harvest in these countries since the number of animals presumably obtained in Tanzania but exported from Nairobi (rather than Arusha) may vary considerably from year to year. The marked change in ordinal ranking for England merely reflects that a large number of laboratory mice (Mus musculus) were received from that country in 1972. The increase for France was all the result of a moderately large shipment of laboratory rats (Rattus norvegicus).

Table 3 Major sources	from which	the United States	imported mammals
in 1972.			

Numbe Perce	ry of Origin, er Imported, entage of Imported	Principal Families	Number Imported	Percentage of Total from Country	Percentage of Total in Family
1	PERU 26,384 29.17	Cebidae Callithricidae Procyonidae Dasyproctidae Caviidae Felidae	24,723 809 622 105 54 39 26,352	93.70 3.07 2.36 .40 .20 .15 99.88	$\begin{array}{r} 63.01 \\ 14.08 \\ 22.41 \\ 46.26 \\ 84.38 \\ 4.58 \end{array}$
2	INDIA 22,628 25.02	Cercopithecidae Ursidae Hyaenidae Elephantidae	22,605 17 4 2 22,628	99.90 .08 .02 .01 100.00	70.73 25.76 100.00 2.53
3	COLOMBIA 21,759 24.05	Cebidae Callithricidae Procyonidae Didelphidae Myrmecophagidae Sciuridae	12,217 4,789 1,687 1,167 589 511	56.15 22.01 7.75 5.36 2.71 2.35	31.14 83.34 60.77 91.96 97.03 63.80

Table					
Numberce	try of Origin er Imported, entage of 1 Imported	Principal Families	Number Imported	Percentage of Total from Country	Percentage of Total in Family
	COLOMBIA (cont'd)	Hydrochoeridae Felidae Bradypodidae Mustelidae Dasyproctidae	254 249 105 99 87 21,754	1.17 1.14 .48 .45 .40 99.97	94.07 29.23 82.03 40.08 38.33
4	THAILAND 4,083 4.51	Cercopithecidae Tupaiidae Felidae Sciuridae Mustelidae Viverridae Lorisidae Elephantidae Manidae Hystricidae Ursidae Pteropidae	$2,563 \\ 530 \\ 320 \\ 238 \\ 125 \\ 123 \\ 58 \\ 41 \\ 32 \\ 21 \\ 16 \\ 6 \\ 4,073$	62.77 12.98 7.84 5.83 3.06 3.01 1.42 1.00 .78 .51 .39 .15 99.74	8.02 91.38 37.56 29.71 50.61 93.18 23.58 51.90 96.97 84.00 24.24 50.00
5	ENGLAND 2,472 2.72	Muridae Felidae Leporidae	2,423 19 <u>19</u> 2,461	98.02 .77 .77 99.56	85.71 2.23 18.63
6	TANZANIA 1,356 1.50	Cercopithecidae	1,356	100.00	4.24
7	ETHIOPIA 1,222 1.35	Cercopithecidae Procaviidae Hystricidae Orycteropodidae	1,127 89 4 2 1,222	92.23 7.28 .33 .16 100.00	3.53 88.12 16.00 100.00
8	SOMALIA 1,169 1.29	Cercopithecidae Lorisidae	1,113 56 1,169	95.21 <u>4.79</u> 100.00	3.48 22.76
9	PARAGUAY 1,164 1.29	Cebidae Callithricidae Procyonidae Dasypodidae Felidae	818 137 77 57 52 1,141	70.2711.776.624.904.4798.03	2.08 2.38 2.77 42.54 6.10

Table 3.--(cont'd)

Table 3.--(cont'd)

Numl Perc	ntry of Origin per Imported, centage of al Imported	Principal Families	Number Imported	Percentage of Total from Country	Percentage of Total in Family
10	NICARAGUA 1,068 1.18	Cebidae Procyonidae Sciuridae Erithizontidae Felidae	862 149 19 16 <u>11</u> 1,057	80.71 13.95 1.78 1.50 <u>1.03</u> 98.97	2.20 5.37 2.37 30.77 1.29
11	MALAYSIA 1,064 1.18	Cercopithecidae Tupaiidae Felidae	982 50 20 1,052	92.29 4.70 <u>1.88</u> 98.87	3.07 8.62 2.35
12	KENYA 801 .89	Cercopithecidae Equiidae Lorisidae Macroscelididae	679 54 39 	84.77 6.74 4.87 <u>2.37</u> 98.75	2.12 61.36 15.85 65.52
13	GUYANA 413 .46	Cebidae Dasyproctidae Dasypodidae	395 6 5 406	95.64 1.45 <u>1.21</u> 98.30	1.01 2.64 3.73
14	CANADA 404 .45	Cercopithecidae Leporidae Bovidae Muridae Canidae Felidae Chinchillidae Ursidae Cervidae Macropodidae Phocidae	91 60 51 31 29 27 26 21 17 12 12 277	22.52 14.85 12.62 7.67 7.18 6.68 6.44 5.20 4.21 2.97 2.97 93.31	$\begin{array}{r} .28\\ 58.82\\ 67.11\\ 1.10\\ 82.86\\ 3.17\\ 100.00\\ 31.82\\ 89.47\\ 3.79\\ 100.00\end{array}$
15	HONDURAS 329 .36	Procyonidae Didelphidae Cebidae Erethizontidae Sciuridae Dasyproctidae	150 70 31 26 22 20 319	45.59 21.28 9.42 7.90 6.69 6.08 96.96	5.40 5.52 .08 50.00 2.75 8.81

Table 3.--(cont'd)

Num Pero	ntry of Origin ber Imported, centage of al Imported	, Principal Families	Number Imported	Percentage of Total from Country	Percentage of Total in Family
16	INDONESIA 305 .34	Cercopithecidae Macropodidae Felidae	265 38 <u>2</u> 305	86.89 12.46 .66 100.00	.83 11.99 .23
17	PHILIPPINES 300 .33	Cercopithecidae	300	100.00	.94
18	SINGAPORE 287 .32	Hylobatidae Cercopithecidae Macropodidae Felidae	150 58 50 19 277	52.2620.2117.426.6296.51	70.09 .18 15.77 2.23
19	PAKISTAN 274 .30 87,482	Erinaceidae Dipodidae	230 <u>31</u> 261	83.94 11.31 95.25	84.87

96.71

Table 4. Minor sources of mammals imported into the United States in 1972. The first figure in parentheses is the number imported; the second represents the percentage of mammals in that family imported in 1972.

Country of Origin and Number Imported	Principal Groups Imported	Percentage of Total from Country
FRANCE212	Muridae (212-7.50)	100.00
NIGERIA208	Cercopithecidae (20865)	100.00
NEW ZEALAND168	Macropodidae (163-51.42), Phalangeridae (5-27.78)	100.00
SENEGAL160	Cercopithecidae (16050)	100.00

Table 4(cont'd)		
Country of Origin and Number Imported	Principal Groups Imported	Percentage of Total from Country
PANAMA159	Unknown (42-85.71), Cebidae (2707), Procyonidae (2486), Didelphidae (22-1.73), Phyllostomatidae (12-6.03) Bradypodidae (12-9.38), Callithricidae (1119), Cricetidae (6-5.71)	
MEXICO135	Phyllostomatidae (132-66.33), Dasypodidae (3-2.24)	100.00
LIBERIA131	Pongidae (109-46.19), Cercopithecidae (2207)	100.00
+BANGLADESH130	Cercopithecidae (13041)	100.00
SIERRA LEONE129	Pongidae (117-49.58), Cercopithecidae (1103), Elephantidae, (1-1.27)	100.00
BOTSWANA121	Lorisidae (90-36.59), Pedetidae (24-100.00), Felidae (559)	98.35
ARGENTINA106	Dasypodidae (67-50.00), Muridae (2588), Caviidae (10-15.63)	96.23
MOROCCO101	Cricetidae (89-84.76), Macroscelididae (10-34.48), Felidae (223)	e 100.00
BOLIVIA100	Cebidae (10025)	100.00
SOUTHWEST AFRICA99	Elephantidae (31-39.24), Equiidae (29-32.95), Felidae (13-1.53), Bovidae (13-17.11), Procaviidae (12-11.88), Rhinocerotidae (1-1.59)	100.00
ECUADOR97	Cebidae (5314), Procyonidae (40-1.44), Canidae (2-5.71)	97.94
SOUTH AFRICA96	Rhinocerotidae (60-62.50), Felidae (30-3.52), Bovidae (6-7.89)	100.00
AUSTRALIA87	Camelidae (52-94.55), Macropodidae (25-7.89), Pteropidae (6-50.00)	95.40

<sup>&</sup>lt;sup>+</sup>Indicates a country from which imported mammals were not recorded in 1970 or 1971.

Table 4(cont'd)		
Country of Origin and Number Imported	Principal Groups Imported	Percentage of Total from Country
WEST GERMANY84	Erinaceidae (41-15.13), Leporidae (23-22.55), Bovidae (6-7.89) Cerco- pithecidae (502), Cervidae (2-10.53	91.67 )
+SCOTLAND83	Muridae (83-2.94)	100.00
GHANA59	Cercopithecidae (3912), Sciuridae (9-1.12), Cebidae (602)	91.53
TRINIDA <b>D</b> 57	Phyllostomatidae (55-27.64), Emballonuridae (2-100.00)	100.00
DENMARK45	Hylobatidae (32-14.95), Procyonidae (414), Cercopithecidae (401)	88.89
UGANDA40	Cercopithecidae (4013)	100.00
(HAWAII)30	Muridae (30-1.06)	100.00
LAOS29	Hylobatidae (24-11.21), Felidae (557)	100.00
TAIWAN17	Cercopithecidae (1605)	94.12
+HONG KONG14	Macropodidae (11-3.47), Hylobatidae (3-1.40)	100.00
NEW GUINEA14	Macropodidae (14-4.42)	100.00
BRIT. SOLOMON IS-12	Phalangeridae (12-66.67)	100.00
GUATEMALA11	P <b>r</b> ocyonidae (725), Didelphidae (324), Cebidae (1003)	100.00
NETHERLANDS11	Felidae (9-1.06), Cercopithecidae (201)	100.00
CONGO8	Cercopithecidae (803)	100.00
+NEPAL6	Procyonidae (414), Ursidae (2-3.03)	100.00
+EL SALVADOR4	Felidae (447)	100.00
JAMAICA3	Felidae (335)	100.00

<sup>\*</sup>Indicates a country from which imported mammals were not recorded in 1970 or 1971.

Table 4(cont'd)		
Country of Origin and Number Imported	Principal Groups Imported	Percentage of Total from Country
+ANGOLA2	Cercopithecidae (201)	100.00
BELGIUM2	Delphinidae (1-100.00), Otariidae (1-33.33)	100.00
BRAZIL2	Unknown Primate (2-100.00)	100.00
JAPAN2	Procyonidae (207)	100.00
+SURINAM2	Canidae (2-5.71)	100.00
SWITZERLAND2	Cercopithecidae (201)	100.00
+BAHAMA ISLANDS1	Otariidae (1-33.33)	100.00
BRITISH HONDURAS1	Tapiridae (1-100.00)	100.00
+CEYLON1	Cercopithecidae (1003)	100.00
SOUTH VIETNAM1	Felidae (112)	100.00
USSR1	Felidae (112)	100.00

<sup>&</sup>lt;sup>+</sup>Indicates a country from which imported mammals were not recorded in 1970 or 1971

Percentage of Total ied Imported 972 1970-1972	86,844       31.70         66,178       24.16         59,390       21.68         11,307       4.15         2,777       4.15         2,543       21.68         2,543       21.68         2,543       21.68         2,543       1.01         2,777       4.161         1,52       93         2,701       1.05         2,701       1.05         2,701       1.05         2,701       1.05         2,701       1.05         2,701       1.05         3,300       1.42         3,300       1.42         3,300       1.25         3,300       1.25         3,300       1.23         1,372       2.48         405       2.48         830       2.48         283       2.48         283       2.48         450       2.10         284       2.10         284       2.56         284       2.57         9,370       3.42         9,370       3.42         9,370       3.42	-
Total Imported 1970-1972	8001 81004004000 8100400080000800 81004000800 80080000800	ì
% Change	$\begin{array}{rrrr} & & & & & & & & & & & & & & & & & $	
Total Imported 1972	26, 384 21, 759 21, 759 22, 472 22, 472 230 20, 1, 166 21, 159 20, 150 20, 100 20, 100	t A
Total Imported 1971	20,590 21,445 20,913 3,937 3,937 3,937 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,227 1,220 1,227 1,2	•
Country of Origin	Peru India Colombia Thailand England Ethiopia Somalia Fanzania Ethiopia Somalia Paragua Malaysia Kenya Guyana Guyana Canada Honduras Indonesia Philippines Singapore Pakistan France Nigeria New Zealand Senegal Paraia Nigeria Mexico	
Ordinal Rank in 1970, 1971 and 1972	1       1       1       1       1         2       2       2       2       10         4       4       4       4       10         27       49       5       Engla         11       13       6       Tanza         12       9       6       11       Malay         13       10       9       6       11       Malay         13       10       9       6       11       Malay         13       10       9       6       11       Malay         13       12       12       Renyar       13       14       17         15       12       13       Guyar       14       17       Phili         17       16       15       Hondu       Na       23       14       17         16       15       14       17       Phili       26       27       18       Singa         21       18       19       Parage       Singa       Parage       21       10         21       16       17       Parage       Singa       21       10       21       21       21       21	lotal

Table 5.--Comparison of Numbers of Mammals Imported 1970-1972 from Countries Exporting to the United States.

\*Includes mammals for which country of origin is unknown

### Imported Rare and Endangered Species

A number of species listed in the Red Data Book (1972) by the International Union for the Conservation of Nature and Natural Resources (IUCN) were declared for importation in 1972. At least some subspecies of rare and endangered mammals (e.g., *Cervus nippon taiouanus*) that were included among the rare and endangered mammals listed in the Red Data Book were among the mammals imported in 1971, but identifications were usually not made to subspecies on the import declarations.

Species of mammals listed in the IUCN Red Data Book in 1972 that were declared for importation into the United States in 1972 are listed in table 6 below. A listing of the total number imported from 1968 through 1972 is also given although some of these mammals may not have been included in the Red Data Book nor on the U.S. list of foreign species in danger of extinction during the earlier part of this period. Letters to the left of names indicate their status in the Red Data Book with V indicating vulnerable; R, rare; E, endangered; and I, indeterminate but suspected of belonging in one or more of the three former categories. Those marked with an asterisk are included on the U.S. list of foreign species in danger of extinction.

Table 6. Rare and endangered species of mammals imported into the United States from 1968 through 19721/

Common Name	Scientific Name	Number Imported 1972	Number Imported 1968-1972
MACROPODIDAE * Brush-tailed Rat Kangaroo	Bettongia penicillata	4	4
SOLENODONTIDAE E * Haitian Solenodon	Solenodon paradoxurus		4
LEMURIDAE V * Fat-tailed Dwarf Lemur V * Gray Gentle Lemur * Ring-tailed Lemur E * Black Lemur V * Mongoose Lemur * Ruffed Lemur * Lemur R/E * Weasel Lemur * Lesser Mouse Lemur * Mouse Lemur	Cheirogalus medius Hapalemur griseus Lemur catta Lemur macaco Lemur mongoz Lemur variegatus Lemur sp. Lepilemur mustelinus Microcebus murinus Microcebus sp.	1	3 74 5 25 8 2 1 15 2

<sup>&</sup>lt;sup>1</sup>Two Giant Pandas, (Ailuripoda melanoleuca), listed as rare by the IUCN, were also imported in 1972 but did not appear on the declaration forms; hence their exclusion from the table above.

Common Name	Scien <b>t</b> ific Name	Number Imported 1972	Number Imported 1968–1972
INDRIIDAE E * Verreaux's Sifaka	Propithecus verreauxi		11
CEBIDAE E * Woolly Spider Monkey E * Black-headed Uakari E * Red Uakari * Squirrel Monkey	Brachyteles arachnoides Cacajao melanocephalus Cacajao rubicundus Saimiri oerstedii	4	39 4 210 6
CALLITHRICIDAE I * Goeldi's Marmoset E * Golden Lion Marmoset	Callimico goeldii Leontideus rosalia	4	179 349
CEBIDAE E * Lion-tailed Macaque E * Douc Langur	Macaca silenus Pygathrix nemaeus	3	20 35
PONGIDAE V Chimpanzee <sup>1/</sup> V * Gorilla E * Orang-utan	Chimpansee troglodytes Gorilla gorilla Pongo pygmaeus	234 2	1,171 26 4
MYRMECOPHAGIDAE V Giant Anteater	Myrmecophaga tridactyla	60	369
BRADYPODIDAE R * Three-toed Sloth	Bradypus torquatus	3	3
DASYPODIDAE V Giant Armadillo R Three-banded Armadillo	Priodontes giganteus Tolypeutes tricinctus	1	1 1
CHINCHILLIDAE V Chinchilla	Chinchilla laniger	26	73
CAPROMYIDAE R Hispaniolan Hutia	Plagiodontia aedium		15
CANIDAE R Small-eared Dog V Grey Wolf V * Maned Wolf V African Hunting Dog R Bush Dog	Atelocynus microtis Canis lupus Chrysocyon brachyurus Lycaon pictus Speothos venaticus	15 1 3	1 33 15 8 6

<sup>1</sup>Here including Pan paniscus

Common Name	Scientific Name	Number Imported 19 <b>7</b> 2	Number Imported 1968-1972
URSIDAE V Spectacled Bear V Polar Bear	Tremarctos ornatus Ursus maritimus	7	4 24
MUSTELIDAE E * Cameroon Clawless Otter E * Giant Otter	Aonyx microdon Pteronura brasiliensis		6 8
HYAENIDAE V * Brown <b>Hy</b> aena	Hyaena brunnea		2
FELIDAE V * Cheetah V * Ocelot * Tiger Cat * Margay V * Jaguar V * Leopard * Tiger V Clouded Leopard E * Snow Leopard	Acinonyx jubatus Felis pardalis Felis tigrina Felis weidii Leo onca Leo pardus Leo tigris Neofelis nebulosa Uncia uncia	44 190 16 1 8 4 12 2	202 2,083 3 258 74 64 17 31 22
ELEPHANTIDAE V Indian Elephant	Elephas maximus	43	165
TRICHECHIDAE V * North American Manatee	Trichechus manatus		6
EQUIDAE V * Onager V Mountain Zebra	Equus hemionus Equus zebra	1	3 28
TAPIRIDAE E * Baird's Tapir E * Mountain Tapir * Brazilian Tapir	Tapirus bairdii Tapirus pinchaque Tapirus terrestris	1	11 9 204
RHINOCEROTIDAE V Black Rhinoceros E * Indian Rhinoceros	Diceros bicornis Rhinoceros unicornis	23	26 5
HIPPOPOTAMIDAE R Pigmy Hippopotamus	Choerop <b>s</b> is liberiensis		6
CAMELIDAE V Bactrian Camel V * Vicuna	Camelus bactrianus Vicugna vicugna	1	3 1

C	Common Name	Scientific Name	Number Imported 1972	Number Imported 1968-1972
(	CERVIDAE			
E '	* Swamp Deer	Cervus duvauceli	1	1
E	'Eld's Deer	Cervus eldi	1	5
	BOVIDAE		-	-
V	Addax	Addax nasomaculatus	1	2
	• Dibatag	Ammodorcas clarkei		2
1	* Banteng	Bos banteng	3	3
V *	Gaur	Bos gaurus		3
V	Water Buffalo	Bubalus bubalus		2 3 3 5 4
V	Markhor	Capra falconeri		4
Е	Jentink's Duiker	Cephalophus jentinki		10
V	Scimitar-horned Oryx	Oryx tao		2
V	Bighorn Sheep	Ovis canadensis	31	44
	Totals		670	6,071

# Importation of Restricted Mammals

Federal regulations (Title 50, Part 13, Section 13.5) of 1967 restrict the importation of five groups of mammals. Representatives of these prohibited groups were declared for importation in 1972.

Common Name	Scientific Name	Number Reported
Gould's Flying Fox	Pteropus gouldii	1
Gray-headed Flying Fox	Pteropus poliocephalus	4
Little Reddish Flying Fox	Pteropus scapulatus	1
Malayan Large Flying Fox	Pteropus vampyrus	6
Old World Rabbit	Oryctolagus cuniculus	27

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