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Animals for Research

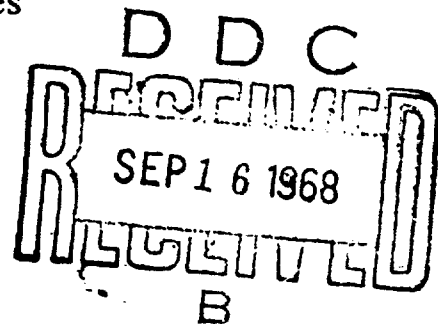
A DIRECTORY OF SOURCES
OF
LABORATORY ANIMALS,
FLUIDS, TISSUES, ORGANS,
EQUIPMENT AND MATERIALS

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Institute of Laboratory Animal Resources
NATIONAL RESEARCH COUNCIL

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Institute of Laboratory Animal Resources

The Institute of Laboratory Animal Resources, established in 1952 under the Division of Biology and Agriculture of the National Research Council, serves as an advisory body in the field of laboratory animal supply and quality. It acts as an information center and prepares reports on laboratory animal subjects. The Institute and its Advisory Council and Committees may act on their own initiative or on request from public or private agencies.

The members of the Advisory Council and the Committees are appointed from among leaders in biological research, veterinary medicine, and the breeding industry on the basis of their qualifications of experience and judgment to deal with the broad problems that come before them. Members of the Advisory Council and Committees serve without compensation beyond their actual expenses.

Financial support for the activities and publications of the Institute is provided by grants from and contracts with the Office of Naval Research, U.S. Army, U.S. Air Force, U.S. Atomic Energy Commission, U.S. Public Health Service, American Cancer Society, Inc., and the pharmaceutical and related industries.

Foreword

Established in 1952, the Institute of Laboratory Animal Resources has, since its inception, served as a focal point for information on the supply and quality of experimental animals. Six previous issues of this directory have contributed greatly to the proper provision of animals for research, testing, and teaching programs in the United States. The Institute's information center has assisted biological and medical scientists in obtaining appropriate animal species for experimental programs. Continuous surveys of available supplies of the common laboratory animals have made possible the matching of research demand with commercial supply. In the area of animal quality, the Institute has developed standards for the production, procurement, care, maintenance, transportation, and utilization of experimental animals.

This directory was edited by Mary B. Sundborg. Staff contributions to the preparation of this publication were made by Robert H. Yager, V.M.D., Executive Secretary of the Institute.

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I
COMMON DOMESTIC
LABORATORY ANIMALS

GALLIFORMES

Stock Designation	Stock Origin	Breeding System	Code
DOMESTIC CHICKENS (<i>Gallus domesticus</i>)			
B-300	S.C. White Leghorn	Strain cross	BAB
B-305	S.C. White Leghorn	Strain cross	BAB
B-371	California Gray and White Leghorn	Breed cross	BAB
B-390	Rhode Island Red and Barred Rock	Breed cross	BAB
Bantam, Buff Cochin, Cornish, Plymouth Rock, Rhode Island Red, White Rosecomb			RED
Bantam	Twenty varieties		THR
Black Australorp	Luverne	Family-progeny test	COF
Black Australorp		Selective	RED
Broilers	Vantrese A9-50	Linebred	TOW
Giant Brahma		Selective	RED
H-80 Cross	Honegger-California Gray	Crossbred	SSH
Red Rock			SUN
Rhode Island Red	Parmenter	Linebred	TRS
Rhode Island Red		Random	GOK
S.C. Rhode Island Red	Harco	Family-progeny test	COF
Sexlink	Harco	Crossbred	TRS
Silver Spangled Hamburg		Selective	RED
Spafas COFAL, Negative	Mt. Hope	Closed colony	SPA
Spafas RIF free	Mt. Hope	Closed colony	SPA
Spafas SPF	Mt. Hope	Closed colony	SPA
Standard	Twenty varieties		THR
Sunnybrook			SUN
White broiler type		Crossbred	TRS
S-6 PPLO (mycoplasma gallisepticum) negative			
White Leghorn	Honegger layers	Strain-cross	SSH
White Leghorn, Kimber Farms, Inc., SPF	Kimber Commercial lines	Non-inbred	KIM
White Leghorn	Kimberley three-way cross	F ₂ inbred	REA
White Leghorn	Own development	Family-progeny test	COF
White Leghorn, Town Line SC #30	Mt. Hope	Linebred	TOW
White Leghorn, S-6 PPLO (mycoplasma gallisepticum) negative	Babcock	Strain-cross	TRS
White Leghorn, S-6 PPLO (mycoplasma gallisepticum) negative	DeKalb	Inbred cross	TRS
White Leghorn, S-6 PPLO (mycoplasma gallisepticum) negative	Mt. Hope	Linebred	TRS
White Leghorn		Non-inbred	GOK, RED, SUN, WBC
White Rock	Blue Diamond	Family-progeny test	COF
White Rock, Vantrese A9-50	Arbor Acres	Linebred	TOW
White Rock			WBC
White Rock-Cornish	Blue Diamond-W. R. Peterson	Crossbred	SSH

DOMESTIC CHICKENS (*Gallus domesticus*) Continued

Stock Designation	Stock Origin	Breeding System	Code
Town Line	Mt. Hope	Linebred	TOW
Not designated			WIP

Refer to USDA ARS-44-6, "Hatcheries and Dealers Participating in the National Poultry Improvement Plan." Available from USDA, Agricultural Research Service, Animal Husbandry Research Division, Beltsville, Maryland 20705.

EMBRYONATED EGGS--CHICKEN (*Gallus domesticus*)

H-80 Cross	Honegger-California Gray	Crossbred	SSH
Rhode Island Red	Parmenter	Linebred	TRS
Sexlink	Harco	Crossbred	TRS
Sunnybrook			SUN
Town Line SC #30	Mt. Hope	Linebred	TOW
White Leghorn	Honegger layers	Strain cross	SSH
White Leghorn, S-6 PPLO (mycoplasma gallisepticum) negative	Babcock	Strain cross	TRS
White Leghorn, S-6 PPLO (mycoplasma gallisepticum) negative	DeKalb	Inbred cross	TRS
White Leghorn, S-6 PPLO (mycoplasma gallisepticum) negative	Mt. Hope	Linebred	TRS
White Leghorn			RED, WBC
Not designated			LEM

DOMESTIC TURKEYS AND EMBRYONATED EGGS (*Meleagris gallopavo*)

Beltsville White	USDA	Linebred	TRS
S-6 PPLO (mycoplasma gallisepticum) negative			
Broad-breasted bronze	Sunny Slope	Linebred	TRS
S-6 PPLO (mycoplasma gallisepticum) negative			
Royal Palm			THR
Not designated			GOK

Refer to USDA, ARS-44-8, revised March 1968, "Participants in the National Turkey Improvement Plan." Available from USDA, Animal Husbandry Research Division, Agricultural Research Service, Beltsville, Md. 20705.

LAGOMORPHA

Stock Designation	Stock Origin	Breeding System	Code
DOMESTIC RABBITS (<i>Oryctolagus cuniculus</i>)			
Albino, Q.B.F., N.Z.	Ecole de Medecine Veterinaire St. Hyacinthe Quebec, Canada	Non-inbred	QUE
Albino, Q.B.F., N.Z.	Ecole de Medecine Veterinaire St. Hyacinthe Quebec, Canada	Selective	QUE
Albino		Non-inbred	WWA
American Chinchilla		Non-inbred	TDR
American Dutch, all colors	Originated 20 years ago	Selective linebred	OCR
American Dutch		Non-inbred	CIA
ARI-Min (NZW Miniature rabbits not over 6 lb when adult; free of common pathogens and para- sites; laboratory conditioned.)	Several linebred stocks	F ₁ or F ₂ hybrids of closely bred lines	ARI
ARI-NZW (laboratory conditioned; free of common pathogens and parasites)	Several inbred and linebred stocks	F ₁ or F ₂ hybrids from closely bred lines	ARI
ARI-PEW (Pigmented- eyed white; laboratory conditioned; free of common pathogens and parasites)	Several linebred stocks	F ₁ or F ₂ hybrids from closely bred lines	ARI
ARY-SPF (hysterectomy- derived, raised in clean room; free of common and specified pathogens and parasites)	ARI-NZW, ARI-Min., or ARI-PEW	Hybrids of closely bred lines	ARY
Californian	South Gate, Calif., 1928. Himalayan crossed with standard chinchilla	Inbred	WAY
Californian		Inbred	LEE
Californian		Linebred	LEE, WWW
Californian		Non-inbred	CAO, LAA, LEE, MAB, NEA
Checkered Giant		Non-inbred	THR
Chinchilla		Linebred	CAM, HEM
Chinchilla		Non-inbred	CIA
Coatam, Harlequins	Imported English stock, 1965	Closed colony; Inbred BxS, etc.	COA
Coatam, Harlequin Rex	English imports	Closed colony; Inbred BxS, etc.	COA
Coatam, orange selfs	Sports from Harlequin rabbits	Closed colony; Inbred BxS, etc.	COA
Colored		Conventional	ISA
Dutch		Selective; artificial insemination	ARE
Dutch		Linebred	CAM, HEM, PBA

DOMESTIC RABBITS (*Oryctolagus cuniculus*) Continued

Stock Designation	Stock Origin	Breeding System	Code
Dutch		Selective	ABR, RED
Dutch		Non-inbred	CZE, PBA, ROC, THR
Dutch	Breeders of American Dutch Rabbit Club, 1965	Selective	ARC
Dutch	Breeders of American Dutch Rabbit Club, 1965	Linebred	ARC
Dutch, Eibon strain	Originated in 1949	BxS	EIC
Dutch	Hel 'C' Bob, 25 years own breeding	Linebred	HEL
Dutch	Hel 'C' Bob, 25 years own breeding	Inbred	HEL
Dutch	Hel 'C' Bob, 25 years own breeding	Non-inbred	HEL
Dutch	Hel 'C' Bob	Selective	HEL
Dutch	Holland	Non-inbred	HTE
Dutch	1958	Selective	CUR
Dutch, American black-belted	Own pedigreed stock	Inbred	SKI
Dutch, American black-belted	Own pedigreed stock	Linebred	SKI
Dutch, American black-belted	Own pedigreed stock	Selective	SKI
Dutch, miniature		Non-inbred	WHI
Dutch, miniature black-belted	USDA Rabbit Exp. Sta., Fontana, Calif.	Inbred	SKI
Dutch, miniature black-belted	USDA Rabbit Exp. Sta., Fontana, Calif.	Linebred	SKI
Dutch, miniature black-belted	USDA Rabbit Exp. Sta., Fontana, Calif.	Non-inbred	SKI
Dutch	Black-Blue-Brown and Tortoise	Non-inbred	HAU
Dutch	Black-Blue-Brown and Tortoise	Inbred	HAU
Dutch, purebred miniature rabbits (4½ to 5 lb at maturity)	Raised on the ranch since 1943	Non-inbred	BUN
FDP/NZW	From domestically acquired stock, 1955	Linebred	FDP
Flemish		Non-inbred	TDR
Flemish Giant		Linebred	CAM, HEM
Flemish Giant	Holland	Selective	HTE
Flemish Giant, brown	Harold Johnson, Flint, Mich.	Selective linebred	OCR
Florida Whites	Stout Farms Rabbitry and Weinhardt Rabbitry	Non-inbred	STF
Fontana	USDA Rabbit Exp. Sta., Fontana, Calif., via S.K.F.	Non-inbred	HCI
F ₁ TH x TZ		Inbred	TRF
German Checker		Linebred	WWW
Giant Chinchilla		Non-inbred	LAH
Golden Palomino		Non-inbred	NMN
Green Mountain		Non-inbred	CIR
Green Mountain		Selective	IR
Cross NZW and Giant	Hartford's Laboratory	Inbred	HAU
Havana, standard		Non-inbred	NMN
HCI/NZ	Selected	Non-inbred	HCI

DOMESTIC RABBITS (*Oryctolagus cuniculus*) Continued

Stock Designation	Stock Origin	Breeding System	Code
HCI/NZ/FON	USDA Rabbit Exp. Station, Fontana, Calif. via S.K.F.	Non-inbred	HCI
HORF ₁ Allotypes A1 to A6	Ontario Cancer Institute	Closed colony; non-inbred and BxS	HOR
New Zealand White		Inbred 2/15/63	FRA
New Zealand White		Inbred	LIG
New Zealand White	Hartford's	Inbred	HAU
New Zealand White	Own OC Line	Inbred BxS 8 years	OCR
New Zealand White	Park Hill Rabbitry	Inbred	PHR
New Zealand White	Empire F ₂ and F ₃	BxS	POC
New Zealand White		Linebred	ASH, CAM, CRO, FRA, HEM, LEE, LOM, PBA, WWW
New Zealand White (large ear)	Developed at H ^{BAR} -D Farms	Linebred	HBA
New Zealand White	Keeney Bros.	Linebred	LEA
New Zealand White	Park Hill Rabbitry	Linebred	PHR
New Zealand White		Non-inbred	ABR, BAR, BEI, BEJ, BRP, CAO, CFR, CIA, CKR, CZE, ELM, FAB, HLA, HTF, ISA, KEN, LAA, LAH, LAS, LEE, LOM, MAB, MAR, MDX, MVF, MYE, NEA, NMN, PBA, PEP, PSR, PUS, ROC, TDR, THR
New Zealand White	Own stock	Non-inbred	CAN
New Zealand White	Registered stock	Non-inbred	AOR
New Zealand White	Controlled environment	Non-inbred	BEJ
New Zealand White	Scott Stock; All pedigreed stock	Non-inbred	FAR
New Zealand White	Originated in 1945	Non-inbred	FLI
New Zealand White	Hartford's	Non-inbred	HAU
New Zealand White	Selected Stock	Non-inbred	HCI
New Zealand White	Holland	Non-inbred	HTE
New Zealand White	3-year-old colony	Non-inbred	NTC
New Zealand White	Started 14 years ago	Non-inbred	STI
New Zealand White	Worsinger Stock	Non-inbred	SUO
New Zealand White	Park Hill Rabbitry	Non-inbred	PHR
New Zealand White		Selective	GIN, MOS, RED
New Zealand White		Non-inbred	GIN, MOS
New Zealand White	3 years breeding	Selective	RDR
New Zealand White	Artificial insemination	Selective	ARF
New Zealand White	Various breeders	Selective crossbreeding	BEI

DOMESTIC RABBITS (*Oryctolagus cuniculus*) Continued

Stock Designation	Stock Origin	Breeding System	Code
New Zealand White	Cherokee, 1964	Selective	CHE
New Zealand White	1936	Selective	CUR
NZW Albino		Inbred	LEE
NZW (F-P) (for pathology studies)		Selective	FRA
New Zealand White	Originated 20 years ago	Selective linebred	OCR
New Zealand White	Colonial Acres Rabbitry, Monett, Mo.	Selective	WIL
New Zealand Black		Linebred	WWW
New Zealand Black		Non-inbred	NMN
NZW Miniature	Pocono Rabbit F ₄ & F ₅	BxS	POC
New Zealand Red		Linebred	TAY
New Zealand Red		Non-inbred	LAH, NMN, THR
Palomino, golden	Propagated in Washington State from several strains	Inbred and Linebred	LIN
Palomino, lynx	Propagated in Washington State from several strains	Inbred and Linebred	LIN
Pigmented — black, brown, spotted, etc.		Inbred and Linebred	LEE
Pigmented — black, brown, spotted, etc.		Non-inbred	LEE
Polish, colored	Hel 'C' Bob	Linebred	HEL
Polish, colored	Hel 'C' Bob	Selective	HEL
Polish, colored	Hel 'C' Bob	Non-inbred	HEL
Polish, white (blue-eyed)	Hel 'C' Bob	Linebred	HEL
Polish, white (blue-eyed)	Hel 'C' Bob	Inbred	HEL
Polish, white (blue-eyed)	Hel 'C' Bob	Selective	HEL
Polish, white (blue-eyed)	Hel 'C' Bob	Non-inbred	HEL
Polish, white (ruby-eyed)	25 years own breeding	Inbred BxS	HEL
Polish, white (ruby-eyed)	25 years own breeding	Linebred	HEL
Polish, white (ruby-eyed)	25 years own breeding	Non-inbred	HEL
San Juan	1965	Selective	CUR
Satin White		Non-inbred	CAO
Rex		Non-inbred	TDR
TH	Swift	Inbred BxS	TRF
TZ		Linebred	TRF
Not designated		Selective	HIL

RODENTIA

Stock Designation*	Stock Origin	Breeding System
NON-INBRED LABORATORY MICE (<i>Mus musculus</i>)		
ABR:(SW)		
ALB:(ICR)		
ALB:(SW)	Rockefeller Institute	
AZO:(SW)	Simonsen Labs	
BEI:(SW)		
BEL:(ICR)		
BLA:(ICR)		Closed colony
BLU:Ha(ICR)		
BSA:(ICR)	Institute for Cancer Research	
CAM:Ha(ICR)	Roswell Park (Dr. Hauschka)	Closed colony
CAM:(ICR)	Institute for Cancer Research	Closed colony
CAM:(SW)		Closed colony
CAN:CBL(ICR)	Charles River Labs	
CAW:CF #1 ax	Carworth, 1935	
CAW:CF #1 gn	Carworth, 1935	
CAW:CF #1 spf	Carworth, 1935	
CAW:CFW(SW) ax	Rockefeller Institute, 1935	
CAW:CFW(SW) gn	Rockefeller Institute, 1935	
CAW:CFW(SW) spf	Rockefeller Institute, 1935	
CER:Aged mice		
CIR:(SW)	Rockefeller University	
COV:Corbett (SW)	Kansas U. Medical Center, Germfree Unit	
CRL:CD-1(ICR) ax	Charles River CD [®] -1. Descendants of Hauschka/Mirand ICR	
CRL:CD-1(ICR) sdm	Charles River CD [®] -1. Descendants of Hauschka/Mirand ICR	
CRL:COBS CD-1(ICR) bs	Caesarean-derived from Hauschka/Mirand ICR, Roswell Park	
CUM:CV1 (agouti)		Selective
CUM:HA(ICR)	Hauschka, Roswell Park	
CUR:(SW)	Rockefeller Institute, 1938 (Dr. Webster)	Closed colony
DAN:D&N(SW)		
DUB:(ICR)		Closed colony
DUB:(SW)		Closed colony
FDP:(SW)	NLW from National Laboratory Co.	Closed colony
HLR:(ICR)	Institute for Cancer Research	
HCI:(ICR)		
HEM:Ha(ICR)	Roswell Park (Dr. Hauschka)	Closed colony

*1. First three letters designate the organization by code. (Names and addresses for codes are found starting on page 109.)

2. Symbol used by breeder to identify his stock follows colon.

3. Letters in parentheses denote stock, namely:

MICE: Institute for Cancer Research, ICR
Swiss, S
Swiss-Webster, SW

RATS: Long-Evans, LE
Osborne-Mendel, OM
Sherman, SH
Sprague-Dawley descendant, SD
Wistar, WI

4. Glossary of abbreviations used is as follows:

Axenic, ax
Barrier-sustained, bs
Caesarean-originated, co
Fostered, f

Gnotobiotic, gn
Isolator-dependent, id
Specifically defined microflora, sdm
Specific pathogen-free, spf

NON-INBRED LABORATORY MICE (*Mus Musculus*) Continued

Stock Designation	Stock Origin	Breeding System
HEM:(ICR)	Institute for Cancer Research	Closed colony
HEM:(SW)		Closed colony
HIL:(SW)	Rockland Farms	Closed colony
HTE:Albino	Holland	
HTF:(SW)		Closed colony
LAA:(SW)		
LAI:COX(ICR)		Caesarean-originated
LAI:COX(ICR) ax	Institute for Cancer Research	
LAI:COX(S)	Rockefeller Institute	Caesarean-originated
LAI:COX(Standard)	Eli Lilly	Caesarean-originated
MAB:(SW)		
MAL:MF-1 ax	Started in 1943 with 3 albino mice	Systematic breeder rotation (Poiley)
MAL:MF-1 bs	Started in 1943 with 3 albino mice	Systematic breeder rotation (Poiley)
MDX:(S)		
MIF:(ICR)	Institute for Cancer Research	
MIL:Ha(ICR)	Institute for Cancer Research, 1957	Caesarean-originated
NAT:NLW(SW) co bs spf		
OGR:JBH(SW)	Halsey, J. Bagg	
OGR:(SW) audiogenic seizure		
OSC:(S)		
PBA:(SW)	Simonsen Laboratories	
PEH:(ICR)	Institute for Cancer Research	
QUE:QBF(S)	Royal Victoria Hospital, Montreal, Canada	
RAW:(ICR)	Institute for Cancer Research	
RED:DAL(SW)	Diablo Laboratories	
ROC:(ICR)	Institute for Cancer Research	
ROC:(SW)		
ROL:Dan Rolfsmeier (SW)	Taconic Farms	
ROY:(ICR)	Institute for Cancer Research	
SAF:(ICR)	Druid Farms, Inc.	
SCH:ARS Ha(ICR)	Dr. Hauschka	
SCH:ARS Ha(ICR) ax		
SCH:ARS/STS	Dr. Boutwell, U. of Wisconsin	
SIM:(S)	Rolfsmeier, 1956	
SIN:SIM Albino (SW)	Rockefeller Institute	Systematic breeder rotation (Poiley)
SPB:Spartan (SW) co		
STF:(SW)	U. of Michigan, 1945	
STF:(SW)	U. of Michigan, 1945	Linebred, 1946
SUO:(SW)	Rockefeller Institute	Linebred
SUT:(SW)	Rockland Farms, 30 years ago	
TAC:(SW) spf	Rockefeller Institute to Rockland Farms, to Dow B. Hover (now Taconic)	
TEX:Yale (S)	Brookhaven Labs to TEX, 1962	
TWN:NLW(S)		
WBS:(ICR)	Bark Bridge Farms	
WHI:(S)		
WIN:WA(ICR)		
WOC:Ha(ICR)	Cumberland Farms	

INBRED LABORATORY MICE (*Mus Musculus*)

Stock Designation	Stock Origin	Breeding System	Code
A/BiSim	U. of Minnesota F ₁₁₆ 1963, F ₁₀₋₁₁₋₁₂ at Simonsen	BxS	SIM
A/HeJ	Strong, from cross made in 1921 of albino from Cold Spring Harbor and Bagg albino. Majority of sub- lines trace to stock Bittner obtained from Strong in 1927. Bittner to Heston in 1938; Heston to Jax in 1948 at F ₇₇ . Inbreeding: F ₁₄₂	BxS	JAX
A/HeOrnlCum	Strong, from cross made in 1921 of albino from CSH and Bagg albino; to Cloud- man in 1928; Cloudman to Jax in 1947 at F ₇₃ . In- breeding: F ₁₄₀	BxS	CUM
A/J	Strong, from cross made in 1921 of albino from CSH and Bagg albino; to Cloud- man in 1928; Cloudman to Jax in 1947 at F ₇₃ . In- breeding: F ₁₄₀	BxS	JAX
A/SimPba	Simonsen Laboratories	Inbred	PBA
A/Tex	Strong to Dmochowski to TEX F ₆₁ - 8/27/57. as of 1/1/68 at F ₉₁	BxS	TEX
AKR/J	Carried by Furth as high leukemia strain from 1928 to 1936. Then randombred at Rockefeller Institute for several generations; then Lynch to JAX in 1948 at F ₂₂ . Inbreeding: F ₉₆	BxS	JAX
AKR/OrnlCum	NIH via Dr. Bailey at F ₆₇	BxS	CUM
AKR/Sim	1961. F ₁₆₋₁₇₋₁₈ Simonsen Laboratories	BxS	SIM
AKR/SimPba	JAX (Snell) to SKI	Inbred	PBA
AKR/SnMil	(Boyse) 1960 to MIL 1961 at F ₆ . Inbred 24 generations at MIL	BxS (foundation colony). Randombred (F ₁ only) (prod. colony)	MIL
AKR/Tex	Furth to Kirschbaum to Dmochowski to TEX F ₆₅ - 4/7/61. As of 1/1/68 at F ₈₅	BxS	TEX
ALBm2/Lis	Lobund Institute 1954, Dr. James A. Reyniers	BxS Caesarean-originated	LIS
A2G/Dub	Berne, Switzerland, Dr. Lindstrom	BxS	DUB
BALB/cAnSim	NIH via Dr. Ludwig at F ₁₀₃₋₁₀₄ - 1962. F ₂₀₋₂₁₋₂₂ at Simonsen	BxS	SIM
BALB/cAnSimPba	Simonsen Laboratories	Inbred	PBA
BALB/cDub	NIH	BxS	DUB
BALB/cJ	Subline of BALB. Mac- Dowell to Snell in 1932 at F ₂₆ , subsequently widely distributed; to Scott at F ₂₉ . Scott to JAX in 1947 at F ₄₁ . Inbreeding: F ₁₀₁	BxS	JAX

INBRED LABORATORY MICE (*Mus Musculus*) Continued

Stock Designation	Stock Origin	Breeding System	Code
BALB/cLis	NIH	BxS	LIS
BALB/cOrn1Cum		BxS	CUM
BALB/cTex	MacDowall to Snell to Scott to Andervont to Deringer to Dmochowski to TLX F88 - 2/18/58. As of 1/1/68 at F110	BxS	TEX
BDF/SimPba		Inbred	PBA
BDF/J	W. H. Gates, inbred since 1926; to E. S. Russell in 1948, to JAX 1950. Inbreeding: F71	BxS	JAX
BRC ¹ /Bro	Brookside, 1960. F25 since 1960. Genet: CA	BxS	BRO
B10.D2-new/Sn or C57BL/10Sn-H-2 ^d	Allele H-2 ^d from DBA/2 (histocompatibility-2) introduced onto C57BL/10Sn background by cross-intercross system	BxS	JAX
B10.D2-old/Sn or C57BL/10Sn-H-2 ^d Hc ^o	Alleles H-2 ^d (histocompatibility-2) and Hc ^o (complement deficiency), from DBA/2 introduced onto C57BL/10Sn background by cross-intercross system	BxS	JAX
B10.LP/Sn or C57BL/10Sn-A ^w H-13 ^b H-3 ^b	Alleles A ^w , H-13 ^b , and H-3 ^b all in linkage group V. Introduced onto C57BL/10Sn background by cross-intercross system	BxS	JAX
B10.129(5M)/Sn or C57BL/10Sn-H ^o dH-1 ^b c	Alleles H ^o d, H-1 ^b , and c, all in linkage group I, introduced onto C57BL/10Sn background by cross-intercross system	BxS	JAX
CBA/CaJ	From Little to Haldane and Grüneberg 1932, to Roy. Cancer Hospital 1933, to Carr, to Carter 1947, to M. C. Green 1950, to JAX FS by Caesarean section and fostering on C57BL/6J in 1966. Inbreeding: F60	BxS	JAX
CBA/J	Strong, 1920, from cross of Bagg albino x DBA. Andervont to JAX in 1948 at F67. Inbreeding: F141	BxS	JAX
CBA/Orn1Cum		BxS	CUM
CF/J	Wild mutant trapped in 1920 in Illinois by J. E. Knight. Inbred by Eaton at least 15 generations, some sent to Woolley, Spiers (2 gen. from Woolley), to Woolley and JAX in 1948. Inbreeding: F48	BxS	JAX
C3Hf ₁ /Cum (C3Hf/AnxC57BL/6)			CUM

INBRED LABORATORY MICE (*Mus Musculus*) Continued

Strain Designation	Strain Origin	Breeding System	Code
C3H/AnMü	NIH (Andervont) to NIH (Felton) to NIH (Pooley) 1940 to A. D. Little 1960 to MIL 1961. Inbred 23 generations at MIL	BxS	MIL
C3H/AnTex	Strong to Andervont to Dmochowski to TEX F ₇₁ - 2/22/57. As of 1/1/68 at F ₉₈	BxS	TEX
C3H/BifMai	Bittner C3H via Dr. L. Gross	BxS; Generation F ₁₉	MAI
C3H/BiSch (agent-free)	Dr. Bittner	BxS	SCH
C3H/BiSim	Dr. Bittner at F ₈₉ 1959 F ₂₀₋₂₁₋₂₂ at Simonsen	BxS	SIM
C3H/BiSimPba	Simonsen Laboratories	Inbred	PBA
C3H/Crg1Bsa	Cancer Research Genetics Laboratory	BxS	BSA
C3H/Dub	Oak Ridge National Laboratory	BxS	DUB
C3H/HeJ	Strong, 1920, from cross of Bagg albino x DBA. Strong to Andervont in 1930; Andervont to Heston in 1938 at F ₃₅ ; Heston to JAX in 1947 at F ₄₈ . Inbreeding: F ₁₂₀	BxS	JAX
C3H/HeJ-W ^x	Origin: mutation to W ^x occurred in C3H/HeJ in 1952. Source: E. S. Russell to E. D. Murphy in 1966 to JAX FS by Caesarean section and fostering on C3H/HeJ. Inbreeding: 46	BxS	JAX
C3H/HeTex	Heston to Dmochowski to TEX F ₇₁ - 2/26/64. As of 1/1/68 at F ₁₃	BxS	TEX
C3H/AnOrn1Cum		BxS	CUM
C3Hf/AnCum		BxS	CUM
C3Hf/AnTex	Strong to Andervont to Dmochowski to TEX F ₃₅ - 2/6/57. As of 1/1/68 at F ₆₂	BxS	TEX
C3Hf/HeTex	Heston to Dmochowski to TEX F ₅₇ - 2/26/64. As of 1/1/68 at F ₁₃	BxS	TEX
C3HeB/FeJ	C3H/HeJ ova transferred to C57BL/6 by Fekete in 1948; original transplant animals to Hummel, F ₃ to PES in 1950. Inbreeding: F ₆₇	BxS	JAX
C3Hf ₁ (C3Hf/Anx101/Orn1)			CUM
C57BL/Crg1Bsa	Cancer Research Genetics Laboratory	BxS	BSA
C57BL/KsJ	From Kaliss 1965 to JAX by Caesarean section at F ₆₀ . Inbreeding: F ₉	BxS	JAX

INBRED LABORATORY MICE (*Mus Musculus*) Continued

Strain Designation	Strain Origin	Breeding System	Code
C57BL/Orn1Cum		BxS	CUM
C57BL/10Sn	Little, 1921; to W. L. Russell; to Scott in 1940 when it was in F ₂₆ as separate subline; to Snell in 1947	BxS	JAX
C57BL/6BiSch	Dr. Bittner via Dr. K. Clifton	BxS	SCH
C57BL/6BiSim	U. of Minnesota F ₁₀₆ 1963. F ₉₋₁₀₋₁₁ at Simonsen	BxS	SIM
C57BL/6Cum	NIH-SRI-1955 CVF	BxS	CUM
C57BL/6Dub	Oakridge National Laboratory	BxS	DUB
C57BL/6J	Little, 1921, from heterozygous sib pair ♀57 and ♂52 from Miss Lathrop's stock. Subline 6 separated from 10 prior to 1937. C. Hall to Fekete at F ₂₂ , to JAX in 1948 at F ₂₄ . Inbreeding: F ₉₆	BxS	JAX
C57BL/6J-A ^w J	Origin: mutation to A ^w arose in C57BL/6J in 1960 at F ₆₃ . Source: Dickie to JAX FS by Caesarean section and fostering on C57BL/6J. Inbreeding: F ₂₄	BxS	JAX
C57BL/6J-A ^y	Origin: mutant discovered in 1904; from yellow stock received in 1947 from Hunt, backcrossing to C57BL/6J began in 1948. Source: E. S. Russell to JAX FS in 1967 by Caesarean section and fostering on C57BL/6J. Inbreeding: F ₆₁	BxS	JAX
C57BL/6J-c ^j	Origin: mutation to c occurred in C57BL/6J at F ₃₈ ; maintained by continued backcrossing to C57BL/6J. Source: E. S. Russell to JAX FS by Caesarean section and fostering on C57BL/6J. Inbreeding: F ₂₅	BxS	JAX
C57BL/6JCa ^w ax	Jackson Laboratory, 1967	BxS	CAW
C57BL/6JCa ^w gn	Jackson Laboratory, 1967	BxS	CAW
C57BL/6JCa ^w spf	Jackson Laboratory, 1967	BxS	CAW
C57BL/6JCoxLai	Jackson Laboratory	BxS	LAI
C57BL/6J-W ^y	Origin: mutation arose in C57BL in 1937; backcrossing to C57BL/6J started in 1948. Source: E. S. Russell to JAX FS in 1966 by Caesarean section and fostering on C57BL/6J. Inbreeding: F ₈₂	BxS	JAX

INBRED LABORATORY MICE (*Mus Musculus*) Continued

Strain Designation	Strain Origin	Breeding System	Code
C57BL/6Mai	Jackson Laboratory	BxS Generation F ₁₆	MAI
C57BL/6Mil	JAX to SKI (Woolley) 1957 to MIL 1957 at F ₅₀ . Inbred 34 generations at MIL	BxS (foundation colony). Randombred (F ₁ only) (prod. colony)	MIL
C57BL/6Red		BxS	RED
C57BL/6SinPba	Simonsen Laboratories	Inbred	PBA
C57BL/6Tex	Bittner to Kirschbaum to Dmochowski to TEX F ₁₈ - 8/27/57. As of 1/1/68 at F ₄₂	BxS	TEX
C57BL/10J	Little (see C57BL/6J), Scott to JAX in 1947 at F ₃₂ . Inbreeding: F ₁₀₀	BxS	JAX
C57BR/cdJ	Little, from cross that gave rise to C57BL, C57BR/a, and C57L. Black and brown lines separate in first generation. Subline cd was established in generation 13 from cross of 2 brown branches, one of which had previously given rise to C57BR/a; to Heston in 1938; Heston to JAX in 1947 at F ₆₆ . Inbreeding: F ₁₃₁	BxS	JAX
C57L/J	J. Murray, 1933, mutation in F ₂₂ of C57BR subline main- tained by Cloudman; Heston (from Cloudman, 1938) to JAX in 1947 at F ₄₅ . Inbreeding: F ₁₀₉	BxS	JAX
C57L/Orn1Cum		BxS	CUM
C58/J	MacDowell, 1921, from mating littermates ♀58 and ♂52 of Miss Lathrop's stock. From U. of California at Berkeley (from MacDowell at F ₇₅), to JAX in 1948 at F ₇₇ . Inbreeding: F ₁₄₄	BxS	JAX
DBA/1J	Little, 1909. Several new sublines were established in 1930 including 12 (now called 1), and 212 (now called 2). Fekete in 1936 to JAX market (pen-bred few generations), to Hu in 1947 to JAX in 1948. Inbreeding: F ₆₅	BxS	JAX
DBA/2BiSch	Dr. Bittner	BxS	SCH
DBA/2BiSim	U. of Minnesota F ₇₈ - 1964. F _{78.3} at Simonsen	BxS	SIM
DBA/2Cum	NIH-SRI-1956 CVF	BxS	CUM
DBA/2Dub	NIH	BxS	DUB

INBRED LABORATORY MICE (*Mus Musculus*) Continued

Strain Designation	Strain Origin	Breeding System	Code
DBA/2J	See DBA/1J. Some sent to Miller in 1938, then to Heston, to JAX in 1948 at F ₂₆ . Inbreeding: F ₉₄	BxS	JAX
DBA/2Mai	Jackson Laboratory	BxS Generation F ₂₀	MAI
DBA/2Mil	JAX to SKI (Woolley) 1957 to MIL 1957 at F ₅₇ . Inbred 34 generations at MIL	BxS (foundation colony). Randombred (F ₁ only) (prod. colony)	MIL
DBA/2Ney	Jackson Laboratory	BxS	NEY
DBA/2SimPba	Simonsen Laboratories	Inbred	PBA
DBA/2Tex	Deringer to Dmochowski to TEX F ₅₁ - 3/23/58. As of 1/1/68 at F ₇₅	BxS	TEX
dd/S Sch	National Cancer Institute, Tokyo	BxS	SCH
DE/J	Eaton, 1940 from cross CE/Wy x E/Gw and selected for <i>c^e</i> phenotype: to Woolley in 1948, to Di in 1949, to JAX ... 1954 at F ₂₁ . Inbreeding: F ₅₄	BxS	JAX
FD/7JFdp	Original stock of SJL/J line direct from Jackson Laboratory, 12/1/67. Two generations of inbreeding	Inbred	FDP
LAF ₁ (C57LxA/He)		Inbred	CUM
LG/J	Developed by Goodale through selection for large body size prior to 1957. Goodale to Runner 1948; to Chai 1951; to JAX 1964. Inbreeding: F ₄₁	BxS	JAX
LP/J	L. C. Dunn to Scott to Dickie in 1947 at F ₃₀ ; to JAX in 1949 at F ₃₃ . Inbreeding: F ₇₈	BxS	JAX
MA/J	Marsh's strain 3. Original mice from Lathrop-Loeb colony. 32 generations of cousin matings; W. S. Murray inbred BxS; to Warner, to JAX in 1947 at F ₂₀ +. Inbreeding: F ₇₉	BxS	JAX
NIH/3ro	NIH. F ₃₀ at Brookside. Caesarean-originated foundation colony, 1965.	BxS	BRO
NZO/WKum		BxS	CUM
P/J	Snell, extracted following outcross of similar stock developed by W. H. Gates (BDP). To Wisconsin (McNutt) at F ₃₅ ; to JAX in 1938 at F ₃₉ . Inbreeding: F ₁₀₀	BxS	JAX

INBRED LABORATORY MICE (*Mus Musculus*) Continued

Strain Designation	Strain Origin	Breeding System	Code
PL/J	From non-inbred Princeton strain started in 1922. Inbred by Lynch, giving rise to high leukemia line B(PL) and second line A (PLA) with lower incidence. Lynch to Rockefeller Inst. to JAX in 1951 at F ₂₂ . Inbreeding: F ₇₃	BxS	JAX
RF/J	Furth, 1928, from unknown stock at Rockefeller Inst. He transferred stock to Oak Ridge. From Upton at Oak Ridge to JAX in 1954 at F ₁₄ . Inbreeding: F ₅₃	BxS	JAX
RF/Orn1Cum	Oak Ridge National Laboratory - Oak Ridge. F ₅₄ - 1963 via Dr. Ludwig. F ₁₀₋₁₁₋₁₂ at Simonsen.	BxS	CUM
RF/UpSim		BxS	SIM
RF/UpSimPba	Simonsen Laboratories	Inbred	PBA
SEA/GnJ	Green, from cross of BALB/c x P, to JAX 1964. Inbreeding: F ₉₀	BxS	JAX
SEC/1ReJ	E. S. Russell from SEC/1Gn, to JAX 1964. Inbreeding: F ₈₉	BxS	JAX
SJL/J	Developed from Swiss-Webster stock, 3 sources brought to JAX between 1938 and 1943. Penbred until 1955 when BxS mating was started. Inbreeding: F ₄₉	BxS	JAX
SM/J	MacArthur to Runner in 1948; to JAX in 1954 at F ₁₄ . Inbreeding: F ₅₆	BxS	JAX
ST/bJ	Engelbreth-Holm, to Heston at F ₂₃ , Heston to JAX in 1948 at F ₂₅ . Inbreeding: F ₈₇	BxS	JAX
SW/Eur	Dr. H. S. Maxwell, San Diego, Calif., Spring of 1948	BxS	EUR
SW/Lem	Rockefeller Institute	BxS	LEM
SW/Suo		BxS	SUO
SWR/J		BxS	JAX
WB/ReJ	A strain of "Swiss" mice from A. de Coulon, Lausanne, inbred by Lynch; to Parker, to JAX in 1947 at F ₂₈ +. Inbreeding: F ₉₃	BxS	JAX
	Origin: old mutant of mouse fancy. Heterozygotes sent by Holman and Waelsch; BxS inbreeding started in 1948. Source: E. S. Russell to JAX in 1965 by Caesarean section and fostering on C57Bl/6J. Inbreeding: F ₆₃		

INBRED LABORATORY MICE (*Mus musculus*) Continued

Strain Designation	Strain Origin	Breeding System	Code
1/Fn1nBsa	Lyor. to U. of California, Davis	BxS	BSA
101/Orn1Cum		BxS	CUM
129/J	L. C. Dunn; derivative of strain 101. Strain recon- stituted after 1948; offspring used to establish Rr, Re, and R1 sublines. Inbreeding: F ₄₉	BxS	JAX

LABORATORY MICE — Hybrid of Inbred Strains (*Mus musculus*)

Hybrid Designation	Parental Strains	Code
AKD2F ₁	(AKR/J x DBA/2J)	JAX
BC3F ₁	(C57BL/6 x C3H/He)	TEX
BDF ₁	(C57BL/6 x DBA/2)	SIM, TEX
BDF ₁		RAW
BDF ₁	(C57BL/6 x DBA/2)	MAI, SCH
B1F ₁	(C57BL/6 x 101)	CUM
B6AF ₁	(C57BL/6J x A/J)	JAX
B6C3F ₁	(C57BL/6 x C3H)F ₁	MAI
B6D2F ₁	(C57BL/6J x DBA/2J)	JAX
B6D2F ₁	(C57BL/6 x DBA/2)	CUM, PBA
CAF ₁	(BALB/cJ x A/J)	JAX
CAF ₁	(BALB/c x A/He)	CUM
C3BF ₁	(C3H/He x C57BL/6)	TEX
C3D2F ₁	(C3H/HeJ x DBA/2J)	JAX
LAF ₁	(C57L/J x A/HeJ)	JAX

LABORATORY MICE — Mutant (*Mus musculus*)

Strain Designation	Strain Origin	Breeding System	Code
C57BL/6J-dy (dystrophic)	E. S. Russell to JAX in 1966. Inbreeding: N23	Maintained by trans- planting dydy ovaries into (C57BL/6J-A ^w x 129/J) F ₁ ♂♀ and mating to C57BL/6J	JAX
C57BL/6J-ob (obese)	From Lane to JAX in 1965. Inbreeding: N18	Maintained by trans- plantation of obob ovaries into (C57BL/6J- A ^w -J x 129/J) F ₁ ♂♀ and mated to C57BL/6J	JAX
C57BL/6J-qk (quaking)	A mutation which arose in DBA/2J in 1961. Inbreeding: N8	BxS	JAX
DW/J (dwarf)	From Lane to JAX in 1966. Inbreeding: F39	BxS	JAX
HRS/J (hairless)	Chase to F. L. Green in 1952 to Lex in 1956, to M. C. Green in 1959, to JAX in 1964. Inbreeding: F36	BxS, +/hr ^Q x hr/hr ^Q	JAX

I LABORATORY MICE – Mutant (*Mus musculus*) Continued

Strain Designation	Strain Origin	Breeding System	Code
129/ReJ	E. S. Russell to JAX in 1966. Inbreeding: F ₄₆	BxS	JAX
129/ReJ-dy (dystrophic)	From E. S. Russell to JAX in 1966. Inbreeding: F ₄₅	Maintained by transplanting <u>dydy</u> ovaries into (C57BL/6J-A ^w x 129/J) F ₁ ♀ and mating to 129/ReJ-++	JAX

NON-INBRED LABORATORY RATS (*Rattus norvegicus*)

Stock Designation	Stock Origin	Breeding System
AAE:(SD)	Charles River CD descendants	
ABR:(SD)		
ABR:(WI)	Wistar Institute	
ALB:(WI)		
ARY:ARD(SD) spf		Closed colony
ARY:ARF(F344) spf		Closed colony
ARY:ARR(WI) spf (with rickets)	ARV	
ARY:ARV(WI) spf (vitamin D-deficient)	Foster D. Snell	Closed colony
ARY:ARW(WI) spf	Great Britain	Closed colony
AZO:(SD)	Simonsen Laboratories	
BAD:BR-CV(SD)		
BAD:BR-HD(SD) (hysterectomy-derived)		
BEI:(SD)	Charles River CD descendants and Simonsen Labs	
BEI:(WI)	Wistar Institute	
BLU:(LE)	Rockland Farms and U. of Rochester	
BLU:(SD)		
BSA:(LE)	U. of California	
BSA:(SD)	Charles River CD descendants	
CAM:(OM)		Closed colony
CAM:(SH)	Columbia Sherman	Closed colony
CAM:(SD)		Closed colony
CAM:(WI)		Closed colony
CAN:CBL(SD)		
CAN:CBL(WI)	Carworth Farms	
CAO:(LE)		
CAO:(WI)		
CAW:CFF(SD) ax	Sprague-Dawley descendant, 1957	
CAW:CFF(SD) gn	Sprague-Dawley descendant, 1957	
CAW:CFF(SD) spf	Sprague-Dawley descendant, 1957	
CAW:CFN(WI) ax	Wistar Institute, 1937	
CAW:CFN(WI) gn	Wistar Institute, 1937	
CAW:CFN(WI) spf	Wistar Institute, 1937	
CER: Aged rats		
CER:(SD)		
CER:(WI)		

NON-INBRED LABORATORY RATS (*Rattus norvegicus*) Continued

Stock Designation	Stock Origin	Breeding System
CHE:(SD)	Kansas U. Medical Center, Germfree Unit Charles River CD [®] from Sprague-Dawley descendants; Charles River CD [®] from Sprague-Dawley descendants Caesarean-derived from Charles River Sprague-Dawley descendants	Closed colony
COV:Corbett		
CRL:CD(SD) ax		
CRL:CD(SD) sdm		
CRL:COBS [®] CD(SD) bs		
CUR:(LE)	1956	Closed colony
CUR:(WI)	Wistar Institute, 1958	Closed colony
DAN:D&N(WI)		Monogamous; non-inbred
DUB:Disease-resistant	National Institutes of Health	Closed colony
DUB:(SD)	A. R. Schmidt	
DUB:(SD)	Badger Research	Closed colony
FAB:(SD)		
HAF:HF(LE)	DUB/SDD Microbiological Associates	
HAF:HF(SD)		
HAF:HF(WI)		
HAR:(SD)		
HAR:(WI)		Closed colony
HEM:(OM)		Closed colony
HEM:(SD)		Closed colony
HEM:(SH)	Columbia Sherman	Closed colony
HEM:(WI)		Closed colony
HIL:(WI)	Wistar Institute	Closed colony
HOR:F1(WI)	Carworth Farms	Closed colony
HOT:Holtzman(SD)		
HTE:Albino	Holland	
HTE:(LE)	U. of Pennsylvania	Closed colony
HTF:(SD)		Closed colony
HTF:(WI)	Wistar Institute	Closed colony
KAF:K-G(LE)	Rockland Farms	Closed colony
KAF:K-G(SH)	Rockland Farms	Closed colony
KAF:K-G(WI)	Sprague-Dawley descendant, Holtzman	Closed colony
LAA:(SD)		Caesarean-originated
LAI:COX(SD)		
LAI:COX(SD) ax		
LIS:(SD)	National Institutes of Health	Closed colony
MAC:MF-PF(SD) spf		Closed colony
MAC:(SD)		
MAI:(WI)	Wistar Institute	
(coefficient of inbreeding 0.9)		
MAL:MRL(LE)	Queen Victoria	Closed colony
MAL:MRL(LE) ax	Queen Victoria	Systematic breeder rotation (Poiley)
MAL MRL(LE) bs	Queen Victoria	Systematic breeder rotation (Poiley)
MAL:MRS(SD)	U. of Wisconsin	Systematic breeder rotation (Poiley)
MAL:MRS(SD) ax	U. of Wisconsin	Systematic breeder rotation (Poiley)
MAL:MRS(SD) bs	U. of Wisconsin	Systematic breeder rotation (Poiley)
MAL:MW-3(WI)		
MAL:MW-3(WI) ax	Wistar Institute	Systematic breeder rotation (Poiley)

NON-INBRED LABORATORY RATS (*Rattus norvegicus*) Continued

Stock Designation	Stock Origin	Breeding System
MAL:MW-3(WI) bs	Wistar Institute	Systematic breeder rotation (Poiley)
MAR:(LE)		
MAR:(SD)		
MAR:(WI)		
MIF:(SD)	Charles River CD descendant	
MIV:(WI)		
MDX:(LE)		
MDX:(SD)		
MDX:(WI)		
NAT:NLR(WI) co bs spf		
NEA:Albino		
NEA:NEW(pigmented)		
NEA:White		
NEY:(SD)	Charles River CD descendant	
NEY:(SH)	Columbia U. Colony 3 years old	
PBA:(LE)		
PBA:Simonsen Albino(SD)		
PBA:(WI)		
PEP:(LE)	U. of California	Closed colony
PEP:(SD)	Charles River CD descendant	Closed colony
PUR:(SD)	Purebred Animals for Research, Inc.	Linebred
QUE:QBF Hooded (black and white)	Royal Victoria Hospital, Montreal, P.Q. Canada	
RAW:(SD)	A. R. Schmidt Co.	
RED:A(WI)	Adams	
RED:H(WI)	Dr. G. Halthmeyer, Purdue U.	
RED:(SD)	Diablo Laboratories	
RLI:(LE)		
RLI:(SD)		
ROC:(LE)		
ROC:(OM)	National Institutes of Health	
ROC:(SH)		
ROC:(SD)		
ROC:(WI)		
ROL:Dan Rolfsmeyer(SD)		
ROY:(WI)	Wistar Institute	
SAF:(SD)		
SCH:ARS(SD)		
SCH:ARS(SD) ax		
SIM:Albino(SD)	Charles River CD descendant	
SIM:(LE)	U. of California, Berkeley, Experimental Institute of Biology, 1949	
SIM:(WI)	Lobund Institute, 1957	
SIN:SIM Standard Albino(SD)		Systematic breeder rotation (Poiley)
SPD:Sprague-Dawley	Sprague-Dawley	Sprague-Dawley
SUO:(SD)	Bud Mountain Rodent Farm	
THR:(LF)		
THR:(SD)		
THR:(WI)		
WBS:(OM)	Bark-Bridge Farms	
WHI:(WI)	Wistar Institute	
WWA:Albino		
ZML:(SD) spf bs		Monogamous, non-inbred

INBRED LABORATORY RATS (*Rattus norvegicus*)

Strain Designation	Strain Origin	Breeding System	Code
ACI/CoxLai	National Institutes of Health	BxS	LAI
ACI/fMai	National Institutes of Health	BxS; Generation F ₈₀	MAI
BN/fMai	Wistar Institute	BxS; Generation F ₂₂	MAI
BUF/f Mai	National Institutes of Health	BxS; Generation F ₅₃	MAI
BUF/Sim	NIH via Dr. H. Morris/Blumenthal in 1961 at F ₄₀ F ₁₄₋₁₅₋₁₆ at Simonsen Laboratories	BxS	SIM
BUF/SimPba	Simonsen Laboratories	Inbred	PBA
COBS CDF/Cr1 bs	Caesarean-originated from Dunning-Fischer 344	BxS	CRL
F344/Bsa	Charles River CDS descendant	BxS	BSA
F344/Cr1 sdm	Fischer 344 from Dunning at F ₆₈ in 1960	BxS	CRL
F344/fMai	National Institutes of Health	BxS; Generation F ₁₂₊	MAI
F344/NihSch	National Institutes of Health	BxS	SCH
F344/NihSch ax	National Institutes of Health	BxS	SCH
F344/Sim	NIH via Dr. E. Anderson at generation F ₈₁₋₈₂ in 1962. F ₉₋₁₀₋₁₁ at Simonsen	BxS	SIM
F344/SimPba	Simonsen Laboratories	Inbred	PBA
NLF/Nat co bs spf	Lobund Fischer 344	BxS	NAT
SE/Lea	Dublin Laboratory, Dierolf Farms	Inbred	LEA
SI/Mac	Sprague-Dawley descendants	Selective inbred	MAC
Wistar/Furth f Mai	Dr. J. Furth	BxS; Generation F ₃₇	MAI
Wistar/Furth Sch	Dr. J. Furth	BxS	SCH
Wistar/Lewis f Mai	Wistar Institute	BxS; Generation F ₅₂	MAI
Wistar/Lewis Sim	U. of Pennsylvania via Scripps Clinic at F ₂₀ in 1966	BxS	SIM
Wistar/Lewis SimPba	Simonsen Laboratories	Inbred	PBA
Wistar/Ney	Colony started in 1968	BxS	NEY

LABORATORY RATS – Hybrid of Inbred Strains (*Rattus norvegicus*)

Hybrid Designation	Parental Strains	Code
HORF ₁ (Black)	Wistar and Norway established at High Oak Ranch Ltd. Linebred 15 generations	HOR
LBNF ₁	(Wistar/Lewis x BN)	MAI
LF344F ₁	(Wistar/Lewis x F ₃₄₄)	MAI

HAMSTERS (*Mesocricetus auratus* and others)

Stock Designation	Stock Origin	Breeding System	Code
Albino	Chick Line Vineland, N.J.	Closed colony; non-inbred	CHI
Albino	Albino	Selective	OSC
Albino		Non-inbred	PHI
Albino	Whitney	Non-inbred	ZUC
CB/SsLAK (Agouti)	Received from Drs. Billingham and Silvers in 1965 at F ₂₄ . Presently F ₃₀	Non-inbred	LAK
Chinese (<i>Cricetulus griseus</i>)	Chick Line, Vineland, N.J. (closed colony since 1964)	Non-inbred	CHI
Chinese (<i>Cricetulus griseus</i>)	Chick Line, Vineland, N.J. (closed colony since 1964)	Selective	CHI
Chinese (<i>Cricetulus griseus</i>)	Children's Cancer Research Foundation	BxS	SIN
Dennen Strain (Golden)	Toy Bear Hamstery	Non-inbred	DEN
English American, white and mixed color, bi-colors & tri-colors	Selected stock from many sources	Non-inbred	RRC
ENG/1 (Golden)	(Marsh) Mobile, Ala.	Non-inbred	ENG
Fancy		Selective	OSC
Golden	Chick Line, Vineland, N.J. (bred since 1959)	Closed colony; non-inbred	CHI
Golden	Haver Lockhart Laboratory	Non-inbred	COV
Golden		Closed colony; non-inbred	HCI
Golden		Closed colony; non-inbred	HIL
Golden	Holland	Non-inbred	HTE
Golden	Lakeview Hamster Colony	Non-inbred	NTC
Golden SPF	Lakeview Hamster Colony	Non-inbred	NTC
Golden	Bred since 1959	Closed colony; non-inbred	OLO
Golden		Non-inbred	OSC
Golden	Simonsen	Non-inbred	PBA
Golden	Magyar	Non-inbred	RED
Golden	Lakeview Hamstery	Non-inbred (Poiley)	SIN
Golden	Lakeview, bred in closed colony 15 years	Non-inbred	ZUC
Golden		Non-inbred	ABR, ALB, BBC, BEI, LIS, MDX, PEH, ROC, WWA LEE
Golden		BxS	OCR
Golden	Albino Farms, Red Bank, N.J.	Selective linebred	OCR
Golden	Albino Farms, Red Bank, N.J.	Inbred	OCR
HCI/GS (Golden)		Closed colony; non-inbred	HCI
HF/gray	Haley Farm	Non-inbred	HAF
HF/GS (Golden)	Lakeview	Non-inbred	HAF
HF-1 albino pink-eared	Haley Farm	BxS	HAF
HORF ₁ (Golden)	Established 1957 by HOR Limited	Closed colony; non-inbred, and BxS	HOR
LAR	Larmore Hamstery, Bowser Penn	Closed colony; non-inbred	LAR

HAMSTERS (*Mesocricetus auratus* and others) Continued

Stock Designation	Stock Origin	Breeding System	Code
LHC/LAK (Cream-colored mutant)	Non-inbred in own colony up to 1957	BxS, F ₃₂	LAK
LSH/SsLAK (Agouti)	Received from Drs. Billingham and Silvers in 1965 at F ₃₂ . Presently F ₄₁	BxS	LAK
LVG	Non-inbred in closed colony since 1951	Non-inbred (Poiley)	LAK
MHA/SsLAK (Albino)	Received from Drs. Billingham and Silvers in 1965 at F ₂₅ . Presently F ₃₂	BxS	LAK
Mixed colors	Magyar	Non-inbred	HAF
MRH-1 (Golden)	Strain started 1944	Non-inbred	MAL
MRH-2 (Golden)	Strain started 1944	BxS over 20 generations	MAL
Silver Gray	R. Whitney	Non-inbred	ZUC
Sim/Hamsters	Toy Bear, 1962	Non-inbred	SIM
Syrian, blind albino	Pee Dee Farms	Linebred	WHY
Syrian, British cream		BxS (12 gen.)	WHY
Syrian, (dark golden X.XB)	R. Whitney	BxS (20 gen.)	WHY
Syrian, dominant spot	R. Whitney	BxS (12 gen.)	WHY
Syrian (Golden), frost blind	R. Warren	BxS	WHY
Syrian (Golden WBW)	R. Whitney	BxS (37 gen.)	WHY
Syrian (Golden, 1.3)	R. Whitney	BxS (27 gen.)	WHY
Syrian, hairless	Slater	BxS (12 gen.)	WHY
Syrian, heterochromia (mutation in banded cream stock)	R. Whitney	BxS	WHY
Syrian, lethal gray	Slater	BxS (15 gen.)	WHY
Syrian, PD3, pink-eared white	Pee Dee Farms	BxS (27 gen.)	WHY
Syrian, PD4, partial albino	Pee Dee Farms	BxS (46 gen.)	WHY
Syrian, piebald	Larmore	Linebred	WHY
Syrian, rust	Ingham	BxS (20 gen.)	WHY
Tumblebrook Farm	Hebrew University, 1943	Linebred	PUR

GERBILS (MONGOLIAN) (*Meriones unguiculatus*)

Chick Line (Mongolian)	Assembled from two commercial sources since 1964	Linebred	CHI
Mongolian	Banta	Non-inbred	BRO
Mongolian	Assembled from two commercial sources since 1964	Non-inbred	CHI
Mongolian	Dr. Handler	Non-inbred	DEN
Mongolian	Carolina Hamster Farm	Selective	HAF
Mongolian	H.O.R.F.I Established 1966	Closed colony; non-inbred	HOR
Mongolian	O.W.N., Austria	BxS (10 gen.)	LOG
Mongolian	Purchased from reliable breeder	Selective	OSC
Mongolian	Mongolia, 1954	BxS	TUM
Mongolian	Mongolia, 1954	Non-inbred	TUM
Mongolian	Tumblebrook Farms, Japan	Non-inbred	WIN
Mongolian	Tumblebrook Farm, Inc.	Linebred	CAY
Mongolian	Tumblebrook Farm, Inc.	Non-inbred	BFI, MDX, OLD, PER, VGY
Mongolian	Tumblebrook Farm, Inc.	selective crossbreeding	BFI

GERBILS (MONGOLIAN) (*Meriones unguiculatus*) Continued

Stock Designation	Stock Origin	Breeding System	Code
Mongolian Mongolian	Tumblebrook Farm, Inc.	Selective Non-inbred	GRU BRP, CRO, DEV, GER, HUL, RID, ZOO LOG
	Not designated: O.W.N. Austria	Non-inbred	
GUINEA PIGS (<i>Cavia porcellus</i>)			
Abyssinian	Osceola Cavies, Kissimmee, Fla.	Selective	OCR
Abyssinian			CZE
Abyssinian		Non-inbred	HUL, WHI
Abyssinian		Selective	OSC
Albino	Porton-Down, England	Non-inbred	HCI
Albino	Fifteen years breeding	Non-inbred	LOM
Albino	D. W. Dana, Waterloo, Ia.	Selective	OCR
Albino	Purebred Animals for Research, Inc.	Non-inbred	PUR
Albino	Pine Ridge Albino Guinea Pig	Selective	RDR
Albino		Non-inbred	ALB, BEI, GIN, HLA, LAS, LEE, MYE, WWA
Albino			OSC
Albino, Dunkin-Hartley	Porton-Down, Eng.	Selective	ARI
Albino, HOF ₁	Imported from Germany. Established at HOR Limited	Non-inbred Non-inbred and BxS. Closed colony	HOR
American	Pine Ridge Caviary	Linebred	CED
American	Pine Ridge Caviary	Non-inbred	CED
American		Non-inbred	BEI, HUL
American		Selective	OSC
American Albino	Own stock	Colony	ISA
American colored	D. W. Dana, Waterloo, Ia.	Selective	OCR
American, shorthair	SSI		PBA
American, shorthair		Non-inbred	LAA, RED
American, shorthair (broken colors)		Non-inbred	HAM
CBL, English, shorthair	Own stock	Non-inbred	CAN
Colored, assorted	Originated 6 years ago	Non-inbred	NEA
Colored		Non-inbred	CIA, HLA, LEE, LOM, WWW
Colored	Own stock	Colony	ISA
Colored		Linebred	WWW
Colored		Selective	ARC
Dunkin-Hartley, albino, spf	Porton-Down, England, 1967	Non-inbred	ARI
English	Original stock, 1957	Non-inbred	OLD
English		Non-inbred	ABR, CAO, CZE, DAN, HIL, LFM, MAB, MDX, WHI

GUINEA PIGS (*Cavia porcellus*) Continued

Stock Designation	Stock Origin	Breeding System	Code
English, Albino/Curd	1936	Non-inbred	CUR
English, Albino/Curd	1936	BxS	CUR
English, shorthair	1929	Non-inbred;	CUP
		closed colony	
English, shorthair	Mr. Rice	BxS 25 gen;	ELM
		now linebred	
English, shorthair	Bred 10 years	Non-inbred	ELM
English, shorthair	U. of Wisconsin	Non-inbred	OBR
English, shorthair	Started with 24 carefully	Inbred 7 years;	STT
	chosen Guinea Pigs	closed colony	
English, shorthair	Started 14 years ago	Linebred	STT
English, shorthair		Non-inbred; closed	CAM
		colony	
English, shorthair		Non-inbred	LAA, PEP
English, shorthair		Non-inbred;	HEM, REA
		closed colony	
English, shorthair			BBC
English, CBL shorthair	Own stock	Non-inbred	CAN
English, QBF		Non-inbred; selective	QUE
English, shorthair,		Non-inbred	BAN
colored			
FDP/SH7 shorthair			FDP
English, smooth-haired	Imported from Germany	Non-inbred	HOR
HORF ₁			
Hamme Strain	Developed within past 25	Inbreeding and	TCF
	years of raising guinea	crossbreeding	
	pigs		
Hartley	Took over colony from	Non-inbred	AAE
	Kalme's Small Animal Farm		
Hartley	Connault to Tripp to Okuno	Non-inbred;	BRO
	to Brookside in 1951	closed colony	
Hartley	Mr. Rice	BxS 25 gen;	ELM
		now linebred	
Hartley	Tumblebrook Farm, Inc.	Non-inbred	FAB
Hartley	Porton-Down, England	Non-inbred	HCI
Hartley	Holland	Non-inbred	HTE
Hartley	Rockefeller Institute	Non-inbred	KAF
Hartley	Burgess Estate in 1960	Non-inbred	MIF
Hartley	Putney Cavy Farm, 1967	Non-inbred	NTC
Hartley	Simonsen Labs	Non-inbred	PBA
Hartley	Animal Suppliers	Non-inbred and	PEP
	(London) Ltd.	closed colony	
Hartley	NIH	Linebred	PUR
Hartley	Fort Detrick	Non-inbred (Poiley)	SIN
Hartley		Selective	ABR, ARC
Hartley		Non-inbred	BEL, CIA,
			EDM, HUL,
			LAH, NEW,
			NEY, PSR,
			RED, THR
Hartley		Non-inbred;	CAM, HEM,
		closed colony	HTF, REA
Hartley	Lederle Labs	Non-inbred	BAN
Hartley	Arizona State University	Non-inbred;	CAO
		closed colony	
Hartley		Selective; closed colony	LIG
Hartley	Camm Research	Linebred	WWW
Hartley	Camm Research	Non-inbred	WWW

GUINEA PIGS (*Cavia porcellus*) Continued

Stock Designation	Stock Origin	Breeding System	Code
Hartley	London, England; fall of 1966	Non-inbred	BLA
Hartley	Tumblebrook Farms	BxS	SUO
Hartley	Tumblebrook Farms	Linebred	MAB
Hartley		Linebred	ARC, LEE
Hartley (DUB)	U. of London	Non-inbred; closed colony	DUB
HCI/HART	Porton-Down, England	Non-inbred	HCI
HORF ₁ Albinos	Imported from Germany. Established at HOR Limited	Non-inbred & BxS; closed colony	HOR
HORF ₁ English smooth-haired	Imported from Germany	Non-inbred; closed colony	HOR
HORF ₁ white, blue-eyed	Established at HOR Limited	Non-inbred and BxS; closed colony	HOR
Multi-colored		Non-inbred	HLA
Peruvian		Inbred	CRO
Peruvian		Selective	OSC
Peruvian	Osceola Cavies, Kissimmee, Fla.	Selective	OCR
Peruvian		Non-inbred	CZE, HUL, WHI
QBF, English shorthair		Non-inbred; selective	QUE
Red Pines' blacks		Non-inbred	REA
Shorthair, FDP/SH7	Domestic line for routine lab investigation	Linebred	FDP
Sim/Hartley	Simonsen Minnesota Laboratory, 1967	Non-inbred	SIM
Strain 2		Inbred	CRO
Strain 13		Inbred	CRO
Strain 2	S. Wright, 1915. Acquired by HLA 1964 Fg	Inbred BxS	HLA
Strain 13	S. Wright, 1915. Acquired by HLA 1964 Fg	Inbred BxS	HLA
Not designated	Holland	Non-inbred	HTE
Not designated		Non-inbred	BRP, CRO, SMA, 1HR

CARNIVORA

Stock Designation	Stock Origin	Breeding System	Code
DOMESTIC DOGS (<i>Canis familiaris</i>)			
Beagle (AKC)	Selected	Linebred	AAI
Beagle (AKC registered)		Inbred	OMB
Beagle (AKC registered)		Linebred	OMB
Beagle (AKC registered)	Marshall (hunting strains)	Linebred	MRA
Beagle (AKC registered)	AKC Champion ancestry	Linebred	RQK
Beagle (AKC registered)	Cornell Dog Farm, 1945	Non-inbred	COU
Beagle (AKC)	Selected stock	Non-inbred	HSI
Beagle (AKC registered)	Maple Sugar strain	Non-inbred	SMA
Beagle (AKC registered)		Non-inbred	BUK, ROM, WHL
Beagle, registered	Selected stock	Linebred	AAI
Beagle, registered	Selected stock	Non-inbred	AAI
Beagle, registered	Selected stock	Non-inbred	HSI
Beagle, registered		Non-inbred	WWA
Beagle		Closed colony; non-inbred	BBK
Beagle	MRL. Closed colony 12 years	Non-inbred	PBA
Beagle		Selective	DOG
Beagle		Non-inbred	CAO, EDK, OAC
Beagle GHF	GHF	Non-inbred	BEG
Beagle JAX	Jackson Memorial Laboratory, acquired Jan. 1968; coefficient of inbreeding 0.4	Inbred BxS	BEG
Beagle	American Kennel Club Registered	Outcross and inbred	CYN
Beagle	Holland	Non-inbred	HTF
Beagle	Local Beagle raisers 3 years ago	Closed colony; inbred	LRE
Beagle	Hunting strain for stamina	Linebred	OAC
Beagle	MRL. Closed colony 12 years	Linebred	PBA
Beagle	MRL. Closed colony 12 years	Linebred	THE
Beagle	MRL. Closed colony 12 years	Non-inbred	THE
Beagle	Purchased hunting stock, 1965	Closed colony; linebred	TRI
Beagle	Purebred	Selective	ANT
Beagle	Purebred	Non-inbred	ATK, MBF, RIR
Beagle	Purebred	Linebred	BAR
Beagle	Purebred, Southern Illinois	Non-inbred	LOM
Chihuahua		Non-inbred	DIA
Coonhound, black and tan	AKC registered	Non-inbred	CYN
Foxhound (English-Walker)	Pure English x pure Walker	Linebred	BRI
Foxhound, purebred	Walker	Non-inbred and BxS	DAW
German Shepherd (parasite-free and immunized)		Linebred	RQK
Harrier	AKC registered	Non-inbred	CYN

DOMESTIC DOGS (*Canis familiaris*) Continued

Stock Designation	Stock Origin	Breeding System	Code
Conditioned	Highlands of Virginia via local dog wardens		DUB
Conditioned	Random-source		HAY, LTK
Conditioned and immunized			PBA, WWA
Conditioned, debarked and immunized			DUV
Not conditioned	Local farms		NBS
Non-conditioned	Pound		DOG
Non-conditioned	Virginia and Carolina dog pounds		LEA
Non-conditioned			BAR, BRI, BRK, CAO, CLA, CZE, DIE, DOG, DUV, GOK, HTE, LTK, MBF, MDF, MDX, RMK, SLR, SMA, SMK, THR, WAR
TRW	Pedigreed Irish Wolfhounds	BxS	TRF
Not designated	Not designated	Kennel-bred selective mating	LTK

DOMESTIC CATS (*Felis catus*)

ARI-Conv. (Immunized, conditioned, and free of common pathogens and parasites)	ARI-Conditioned	Linebred	ARI
ARI-Cond. (Immunized, conditioned, and free of common pathogens and parasites)	Random-source	Non-inbred	ARI
ARY-SPF (hysterectomy- derived, raised in clean rooms, free of common and specified pathogens and parasites)	ARI-Conventional	Linebred	ARY
Conditioned	Random-source		LTK, SHO, WWA
Conditioned and immunized	Random-source		DUV, PBA
Domestic	MRL	Closed colony; linebred	THE
Domestic	MRL	Closed colony; non-inbred	THE
Tiger & Gray	MRL, Closed colony 12 years	Linebred	PBA
Tiger & Gray	MRL, Closed colony 12 years	Non-inbred	PBA
Not designated	Holland		HIE
Not designated		Linebred	CIA
Not designated		Non-inbred	CIA
Non-conditioned	Random source		BAR, CAO, CIA, CLA, CZE, DIE, DUV, LAH, LEM, LTK, MBE, MDX, SHO, SLR, SMA, THR

ARTIODACTYLA

Stock Designation	Stock Origin	Breeding System	Code
Cattle, Black Angus	Holland	Non-inbred	DIE
Cattle, Frisian		Non-inbred	HTE
Cattle, Guernsey		Non-inbred	DIE
Cattle, Holstein		Non-inbred	DIE
Calves, all kinds		Non-inbred	GOK
Goats, conditioned	French Alpine Nubian Reg. Nubian, Oriental, and English Reg. Nubian, Oriental, and English Toggenburg	Non-inbred	ADV
Goats, dairy		Non-inbred	ADV
Goats		Selective	ARC
Goats		Selective	ARC
Goats		Selective	ARC
Goats		Linebred	ARC
Goats		Selective	ARC
Goats		Non-inbred	BAR, DIE, GOK
Minipigs, Pitman-Moore strain -- special selection		Inbred (32 gen.)	VIV
Minipigs, white hairless		Crossbred	VIV
Minipigs, black hairless	Florida Inbred Yucatan (LABCO)	Crossbred	VIV
Minipigs, black hairless	Florida Inbred Yucatan (LABCO)	Crossbred	VIV
Minipigs, black hairless	Yucatan (LABCO)	Inbred	VIV
Pigs, miniature	TRF (LABCO) Yucatan	Linebred	TRF
Pigs, miniature, white-cross, (with hair)	Florida Inbred Yucatan	Crossbred then inbred	VIV
Pigs, miniature	Holland	Non-inbred	CAO, WWA
Sheep		Non-inbred	HTE
Sheep		Non-inbred	ADV, BAR, DIE
Swine, specific pathogen-free, barrier-sustained	Hysterectomy- or Caesarean-originated	Non-inbred	MER
Swine, Yorkshire	Purebred Yorkshire	Half brother-sister	REA
Swine	Holland	Non-inbred	HTE
Swine		Non-inbred	BAR, DIE, LEM

PERISSODACTYLA

Species	Breeding System	Code
Horses, Appaloosa	Inbred	THR
Horses, Appaloosa	Linebred	THR
Horses, Quarter, registered	Non-inbred	THR
Horses	Linebred	BAR
Horses	Non-inbred	DIE, GOK
Pony, Shetland	Non-inbred	GOK
Ponies	Linebred	BAR
Ponies	Non-inbred	DIE

II
ANIMALS OBTAINED
FROM NATURE

PROTOZOA

Species*	Common Name	Code
MASTIGOPHORA		
Euglena sp.	Not designated	STE CON
SARCODINA		
Amoeba proteus	Amoeba, common Not designated	STE CON
CILIATA		
Paramecium aurelia		STE
Paramecium bursaria		STE
Paramecium caudatum		STE
Stentor sp.	Not designated	STE CON
PORIFERA		
Axinella polycephala	Sponge, finger-type	GUL
Clinona celata	Sponge, boring	GUL
Desmachidion palmata	Sponge, bay	HML
Grantia sp.	Sponges, calcareous	STE
Leucosolenia sp.	Sponges, calcareous	STE
Microciona prolifera	Sponge, red	GUL, HML, TRS
Spheciospongia vesparia	Sponge, loggerhead	GUL
Spongilla sp.	Sponge, freshwater	STE
Stelletta grubii	Sponge, oyster	GUL
COELENTERATA		
Aequorea forskalea	Nettle, sea	HML
Anthozoa sp.	Coral; sea anemone	LEM
Astrangia danae	Coral, Atlantic Coast stony	STE
Astrangia solitaria	Coral, star	GUL
Aurelia sp.	Jellyfish	STE
Aurelia aurita	Jellyfish, moon	GUL, HML, LEM
Beroe ovata	Jellyfish, thimble	GUL
Bougainvillea carolensis	Hydroid	GUL
Bunodactis stelloides	Anemone, gray burrowing	GUL
Calliactis tricolor	Anemone, cloak	GUL

*In the interest of legibility, the customary underlining for scientific names has been omitted in this section.

COELENTERATA Continued

Species	Common Name	Code
<i>Cerianthus americanus</i>	Anemone, tubed	GUL
<i>Chrysaora quinquecirrha</i>	Nettle, sea	TRS
<i>Dactylometra quinquecirrha</i>	Jellyfish	GUL, TRS
<i>Gonionemus</i> sp.	Hydroid medusa	LEM, STE
<i>Hydra fusca</i>		STE
<i>Hydra littoralis</i>	Hydra, swift water	STE
<i>Hydra oligactis</i>	Hydra	LEM
<i>Hydractinia</i> sp.	Hydroid (on shell hermit crabs)	STE
<i>Hydractinia echinata</i>	Hydroid	GUL
<i>Metridium marginatum</i>	Sea anemone	LEM, STE
<i>Nemopsis</i> sp.	Hydromedusae	GUL
<i>Nemopsis saccheic</i>	Hydroid	HML
<i>Obelia geniculata</i>	Obelia colony	LEM
<i>Obelia</i> sp.	Hydroid, colonial	STE
<i>Palmatohydra oligactis</i>	Hydra, brown	STE, TRS
<i>Pennaria tiarella</i>	Hydroid	GUL
<i>Phyllangia americana</i>	Coral, rose-bud	GUL
<i>Physalia</i> sp.	Portugese man-o-war	LEM, STE
<i>Renilla mulleri</i>	Sea pansy	GUL
<i>Rhopilema verrilli</i>	Jellyfish, large, white	GUL
<i>Scyphozoa</i> sp.	Jellyfish	LEM
<i>Siderastrea radians</i>	Coral, brown	GUL
<i>Stomolophis meleagris</i>	Jellyfish, many-mouthed	GUL

CTENOPHORA

<i>Beroe cucumis</i>	Jelly, comb	HML
<i>Mnemiopsis leidyi</i>	Walnut, sea, or comb jelly	GUL, TRS
<i>Pleurobrachia</i> sp.	Ctenophore, common	STE

PLATYHELMINTHES

<i>Bdelloura candida</i>	Limulus flatworm	GUL
<i>Clinorchis sinensis</i>	Human liver fluke	LEM
<i>Dipylidium caninum</i>	Dog tapeworm	LEM, ROC, STE
<i>Dugesia dorotecephala</i>	Planaria, black	LEM, STE
<i>Dugesia tigrina</i>	Planaria, brown, northern variety	LEM, STE
<i>Dugesia</i> sp.	Planaria	STE
<i>Fasciola hepatica</i>	Fluke, liver	LEM, STE
<i>Moniezia expansa</i>	Tapeworm, sheep	LEM, STE
<i>Pneumoneces</i>	Frog lung flukes	STE
<i>Taenia pisiformis</i>	Tapeworm, serrated dog	ROC, STE
<i>Taenia saginata</i>	Tapeworm, beef	LEM
	Not designated:	
	Assorted flatworms	GUL

ASCHELMINTHES

Species	Common Name	Code
ROTIFERA		
Rotifer sp.		STE
NEMATODA		
Ascaris lumbricoides	Roundworm, common	LEM, ROC, STE
Ascaris sp.	Roundworm	ROC, STE
Necator americanus	Hookworm, American	LEM, ROC
Trichinella spiralis	Worm, trichina	STE
Turbatrix aceti	Eel, vinegar	STE
NEMATOMORPHA		
Gordius sp.	Horsehair snake; "horsehair worm"	LEM
BRYOZOA		
Bugula neritina	Bryozoa	GUL
Membranipora	Bryozoa	GUL
Pectinatella sp.	Bryozoa	LEM, STE
Plumatella sp.		STE
PHORONIDEA		
Phoronis architecta	Phoronida	GUL
BRACHIOPODA		
Glottidea pyramidata	Lamp shell	GUL
ECHINODERMATA		
Amphipolis gracillima	Brittle star	GUL
Arbacia punctulata	Sea urchin, common	LEM, STE
Asterias forbesi	Starfish, common	HML, LEM, STE
Asterias sp.	Starfish	STE

ENCHINODERMATA Continued

Species	Common Name	Code
<i>Astropecten articulatus</i>	Starfish, sand	GUL
<i>Cucumaria frondosa</i>	Sea cucumber	HML, STE
<i>Cucumaria</i> sp.	Sea cucumber	LEM, PBM
<i>Dendraster excentricus</i>	Sand dollar	PBM
<i>Echinarachnius parma</i>	Sand dollar	HML, STE
<i>Echinarachnius punctulata</i>	Sand dollar	LEM
<i>Leptosynapta crassipatina</i>	Sea cucumber, thin-skinned	GUL
<i>Luidia clathrata</i>	Starfish, long-armed	GUL
<i>Lytchinus pictus</i>	Panamanian urchin	PBM
<i>Mellita quinquesperforata</i>	Urchin, keyhole	GUL
<i>Mellita testudinata</i>	Urchin, keyhole	HML
<i>Ocypode quadrata</i>	Crab, ghost	GUL
<i>Ophioderma</i> sp.	Brittle starfish	LEM, STE
<i>Ophiolepis elegans</i>	Brittle star	GUL
<i>Pentacta pygmaea</i>	Sea cucumber, small red	GUL
<i>Pisaster</i> sp.	Starfish	PBM
<i>Strongylocentrotus drobachiensis</i>	Sea urchin, green	LEM, STE
<i>Strongylocentrotus purpuratus</i>	Sea urchin, purple	PBM
<i>Theelothuria princeps</i>	Sea cucumber, large speckled	GUL
<i>Thyone</i> sp.	Sea cucumber, large	GUL, LEM
<i>Thyonella gemmata</i>	Sea cucumber, blood	GUL

MOLLUSCA

AMPHINEURA

<i>Chaetopleura apiculata</i>	Chiton, sea cradle	GUL, STE
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SCAPHOPODA

<i>Dentalium pilsbryi</i>	Tooth shell	GUL
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GASTROPODA

<i>Acmaea testudinalis</i>	Limpet, common	LEM
<i>Acteocina canaliculata</i>		TRS
<i>Aeolis papillosa</i>	Nudibranch, common northern	LEM
<i>Agriolimax</i> sp.	Slug, large garden	LEM
<i>Amnicola limosa</i>		TRS
<i>Aplysia californica</i>	Hare, sea	GUL, PBM
<i>Baleis eberneus</i>	Snail, sea cucumber	GUL
<i>Bittium alternatum</i>	Hornshell, alternatum	HML, TRS
<i>Bittium varium</i>		TRS
<i>Bursatella leachii</i>	Hare, frilled sea	GUL
<i>Busycon canaliculatum</i>	Whelk, channeled	HML
<i>Busycon carica</i>	Whelk, knobbed	HML
<i>Busycon contrarium</i>	Whelk	GUL
<i>Busycon spiratum</i>	Whelk, small	GUL
<i>Campeloma</i> sp.	Snail, common	LEM, STE
<i>Cochlicopa parasitica</i>	Snail, scaleworm	GUL
<i>Crepidula fornicata</i>	Limpet, slipper	GUL

GASTROPODA Continued

Species	Common Name	Code
<i>Fasciolaria hunteria</i>	Tulip, banded	GUL
<i>Fasciolaria tulipa</i>	Tulip, shell	GUL
<i>Gillia altilis</i>		TRS
<i>Goniobasis</i> sp.	Snail, freshwater	LEM, STE
<i>Gryaulus</i> sp.		TRS
<i>Helix</i> sp.	Snail, large land	LEM, STE
<i>Limax</i> sp.	Slug, garden	LEM, STE
<i>Littoridinops</i> sp.	Snail	TRS
<i>Littorina irrorata</i>	Periwinkle, marsh	GUL, HML, TRS
<i>Megathura crennulata</i>	Limpet, giant keyhole	PBM
<i>Melampus bidentatus</i>	Snail	TRS
<i>Melongena corona</i>	Conch, crown	GUL
<i>Mitrella lunata</i>		TRS
<i>Murex florifer</i>	Murex	GUL
<i>Nassarius consensus</i>	Whelk, dog	GUL
<i>Nassarius</i> sp.	Whelk, dog	TRS
<i>Odostomia impressa</i>		TRS
<i>Oliva sayana</i>	Shell, olive	GUL
<i>Oxytrema virginica</i>		TRS
<i>Physa</i> sp.	Snail, pond	LEM, STE, TRS
<i>Planorbis</i> sp.	Snail, ramshorn	LEM, STE
<i>Pleuroploca gigantea</i>	Conch, queen	GUL
<i>Polinices heros</i>	Snail, moon	GUL
<i>Polygyra</i> sp.	Snail, large garden	LEM
<i>Sayella chesapeakea</i>		TRS
<i>Sinum perspectivum</i>	Shell, ear	GUL
<i>Stromba pugilis</i>	Conch	TRS
<i>Triphora perversa</i>		TRS
<i>Turbinellida busycon</i>	Conch	TRS
<i>Urosalpinx cinerea</i>	Drill, oyster	HML
<i>Valvata tricarinata</i>		TRS
	Nudibranches, not designated	GUL

PELECYPODA

<i>Aequipecten irradians</i>	Scallop, common bay	GUL
<i>Anodonta</i> sp.	Clams, freshwater	LEM, TRS, STE
<i>Arca umbonata</i>	Clam, blood	GUL
<i>Artica islandica</i>	Clam, ocean quahog	TRS
<i>Bankia gouldi</i>	Mollusk, teredo-type boring	GUL
<i>Barnea truncata</i>	Clam, angel wing	GUL
<i>Branchiodontes exustus</i>	Mussel, oyster	GUL
<i>Branchidontes recurvus</i>	Mussel, bent or hooked	TRS
<i>Chione cancellata</i>	Clam, sculptured venus	GUL
<i>Congeria leucopheata</i>	Mussel, platform	TRS
<i>Crassostrea virginica</i>	Oyster, eastern	GUL, HML, TRS
<i>Cyrenoida floridana</i>	Clam	TRS
<i>Dinocardium robustum vanhyningi</i>	Cockle, heart	GUL
<i>Elliptio complanatus</i>		TRS
<i>Ensis directus</i>	Clam, Atlantic razor	HML
<i>Ensis minor</i>	Clam, small razor	GUL
<i>Ensis</i> sp.	Clam, razor	LEM
<i>Gemma gemma</i>	Shell, gem	TRS
<i>Laevicardium mortoni</i>	Cockle, Morton's	TRS
<i>Lithophaga bisulcata</i>	Mussel, rock boring	GUL
<i>Macoma balthica</i>	Clam	TRS
<i>Macoma phanax</i>	Bivalore	TRS

PELECYPODA Continued

Species	Common Name	Code
<i>Macrocallista nimbosa</i>	Clam, sun ray	GUL
<i>Mercenaria campechiensis</i>	Quahog, southern	GUL
<i>Mercenaria mercenaria</i>	Quahog, cherrystone	PBM, TRS
<i>Mulinia lateralis</i>	Clam, little surf	TRS
<i>Mya arenaria</i>	Clam, long-neck, mud	HML, LEM, STE, TRS
<i>Mytilus californianus</i>	Mussel, California	PBM
<i>Mytilus edulis</i>	Mussel, edible	HML, LEM, PBM, TRS
<i>Mytilus recurvus</i>	Mussel, sea	STE
<i>Ostrea virginiana</i>	Oyster, common edible	HML, LEM, STE
<i>Pecten irradians</i>	Scallop, common	LEM, STE, TRS
<i>Petricola pholadiformis</i>	Clam, false angelwing	GUL
<i>Pisidium</i> sp.		TRS
<i>Placopecten magellanicus</i>	Scallop, sea	TPS
<i>Spisula solidissima</i>	Clam, Atlantic surf	HML, TRS
<i>Sphaerium</i> sp.		TRS
<i>Tagelus divisus</i>	Clam, razor	TRS
<i>Tagelus plebius</i>	Clam, stout razor	TRS
<i>Unio</i> sp.	Clam carrying gloecidia in gills	LEM
<i>Unio</i> sp.	Mussel, freshwater	STE
<i>Venus mercenaria</i>	Quahog, northern	HML, TRS
<i>Venus</i> sp.	Quahog; venus clam	LEM, STE
<i>Volvella demissa</i>	Mussel, Atlantic ribbed	HML, TRS

CEPHALOPODA

<i>Cioxa intestinalis</i>	Sea grapes	HML
<i>Loligo opalescens</i>	Squid, Pacific	PBM
<i>Loligo pealei</i>	Squid, common	HML, LEM, STE, TRS
<i>Loliguncula brevis</i>	Squid, gulf	GUL
<i>Octopus bimaculatus</i>	Octopus, Pacific	PBM
<i>Octopus</i> sp.	Octopus	GUL, LEM, STE

ANNELIDA

POLYCHAETA

<i>Aelosoma</i> sp.	Annelid, saltwater	TRS
<i>Amphitrite ornata</i>	Annelid, saltwater	LEM
<i>Chaetopterus pergamentceus</i>	Worm, parchment	HML
<i>Chaetopterus variopedatus</i>	Worm, parchment	GUL, PBM
<i>Glycera</i> sp.	Bloodworm	PBM
<i>Nereis virens</i>	Clamworm	HML, LEM, STE, TRS

OLIGOCHAETA

<i>Lumbricus terrestris</i>	Earthworm, common	LEM, ROC, STE
<i>Lumbricus</i> sp.	Earthworm	GUL, ROC, STE, ZOO
<i>Tubifex</i> sp.	Earthworm, giant	GUL, STE

HIRUDINEA

Species	Common Name	Code
<i>Haemopsis grandis</i>	Leech	LEM
<i>Haemopsis naramoratis</i>	Horseleech	LEM
<i>Hirudo medicinalis</i>	Leech, medicinal	STE
<i>Macrobdella decora</i>	Leech	LEM
<i>Placobdella</i> sp.	Leech, turtle	LEM

SIPUNCULOIDEA

<i>Dendrostoma alutaceum</i>	Worm, sausage	GUL
<i>Eendrostomum pyroides</i>	Worm, peanut	PBM

ARTHROPODA

MEROSTOMATA

<i>Limulus polyphemus</i>	Crab, king or horseshoe	GUL, HML, LEM, STE, TRS
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ARACHNIDA

<i>Aphonopelma</i> sp.	Tarantula, desert	PET, STE
<i>Argiope</i> sp.	Spider, garden	LEM, STE
<i>Centruroides</i> sp.	Scorpion, Florida	LEM, PET
<i>Dermocentor variabilis</i>	Tick, wood or dog	ROC
<i>Gramostola mallicoma</i>	Tarantula	LEM, STE, TAR
<i>Hadrurus arizonensis</i>	Scorpion, giant hairy	PET, STE
<i>Latrodectus mactans</i>	Spider, black widow	LEM, STE
<i>Lycosidae</i> sp.	Spider, wolf	LEM
<i>Palamnacus oatesii scoriomdia</i>	Scorpion, giant	ZOF
<i>Ranatra</i> sp.	Scorpion, water	LEM
<i>Tarantula</i> sp.	Scorpion	LEM, STE
	Not designated:	
	Spiders, large African	ZOO

CRUSTACEA

<i>Artemia</i> sp.	Shrimp, brine	STE
<i>Astacus flavatilis</i>	Crayfish, Oregon	LEM
<i>Balanus balanicipes</i>	Barnacle, rock	HML
<i>Balanus balanoides</i>	Barnacle, acorn	LEM, TRS
<i>Balanus eburneus</i>	Barnacle, ivory	GUL
<i>Balanus nubilis</i>	Barnacle, giant	PBM
<i>Balanus</i> sp.	Barnacle, small white	GUL
<i>Callinectes danae</i>	Crab, commercial blue	GUL
<i>Callinectes sapidus</i>	Crab, edible blue pincer	HML, LEM, TRS
<i>Cambarus bartoni</i>	Crayfish	TRS
<i>Cambarus clarkii</i>	Crayfish, southern	LEM
<i>Cambarus limosus</i>	Crayfish	TRS

CRUSTACEA Continued

Species	Common Name	Code
<i>Cambarus</i> sp.	Crayfish	LEM, STE
<i>Cancer antennarius</i>	Crab, cancer	PBM
<i>Cancer borealis</i>	Crab, Jonah	HML
<i>Cancer irroratus</i>	Crab, rock	TRS
<i>Caprella acutifrons</i>	Shrimp, skeleton	GUL
<i>Chelonibia patula</i>	Barnacle, turtle	GUL
<i>Chiridotea coeca</i>		TRS
<i>Clappa flamma</i>	Crab, box	GUL
<i>Clibanarius vittatus</i>	Crab, large hermit	GUL
<i>Crago septempinosus</i>	Shrimp, grass	HML, TRS
<i>Crago</i> sp.	Shrimp, edible	LEM
<i>Crangonyx</i> sp.		TRS
<i>Cyathura carinata</i>		TRS
<i>Cyclops</i> sp.		STE
<i>Daphnia pulex</i>	Flea, water	STE
<i>Daphnia magna</i>	Flea, water	STI
<i>Daphnia</i> sp.	Flea, water	LEM, STE, TRS
<i>Dualipes ocellatus</i>	Crab, lady	HML
<i>Emerita talpoda</i>	Shrimp, mole	GUL
<i>Eutranchipus vernalis</i>	Shrimp, fairy	STE
<i>Eurypanopeus depressus</i>	Crab, mud	TRS
<i>Gammarus locusta</i>	Flea, sand	HML
<i>Gammarus tigrinus</i>	Sand hopper	STE, TRS
<i>Heaptus epheliticus</i>	Crab, calico	GUL
<i>Hippolyte zostericola</i>	Shrimp, grass	HML
<i>Homarus americanus</i>	Loobster, northern	LEM, STE, TRS
<i>Lepas anatifera</i>	Barnacle, goose	LEM
<i>Leptochelia savignyi</i>		TRS
<i>Libinia dubia</i>	Crab, spider	GUL
<i>Libinia emarginata</i>	Crab, spider	HML
<i>Loxocephalus texanus</i>	Parasite crab	GUL
<i>Menippe mercenaria</i>	Crab, stone	GUL
<i>Mysis stenolepis</i>	Shrimp, opossum or schizopod	LEM
<i>Neopanopeus texanus sayi</i>	Crab, southern mud	HML
<i>Octolasmis lowei</i>	Barnacle, crab	GUL
<i>Pagurus floridanus</i>	Crab, flat-clawed hermit	GUL
<i>Pagurus pollicaris</i>	Crab, hermit	HML
<i>Pagurus</i> sp.	Crab, hermit	CHC, LEM, STE
<i>Palaemonetes intermedius</i>	Shrimp, grass	GUL
<i>Palaemonetes vulgaris</i>	Shrimp, common or prawn	TRS
<i>Penaeus aztecus</i>	Shrimp, commercial	GUL
<i>Penaeus duorarum</i>	Shrimp, commercial	GUL
<i>Penaeus setiferus</i>	Shrimp, commercial	GUL
<i>Petrolidius diogenes</i>	Crab, largest Atlantic hermit	GUL
<i>Pinnixa toptetana</i>	Crab, parchment worm	GUL
<i>Rithropanopeus harrisi</i>	Crab, mud	TRS
<i>Scyllaria americana</i>	Loobster, slipped	GUL
<i>Sesarma reticulatum</i>	Crab, march	TRS
<i>Squilla empusa</i>	Shrimp, mantis	GUL
<i>Synalpheus</i> sp.	Shrimp, pistol	GUL
<i>Uca pugnax</i>	Crab, fiddler	GUL, HML, LEM, TRS

INSECTA

<i>Aeshna</i> sp.	Fly, dragon	LEM
<i>Anasa tristis</i>	Bug, squash	LEM, STI
<i>Anasa</i> sp.	Bug, squash	LEM

INSECTA Continued

Species	Common Name	Code
<i>Apis mellifera</i>	Bee, honey	LEM, STE
<i>Asellus communis</i>	Bug, common sow	LEM
<i>Benacus griseus</i>	Bug, giant water or electric light	LEM
<i>Blaberus cranifer</i>	Cockroach, southern	GUW, LEM
<i>Blatta orientalis</i>	Cockroach, oriental	STE
<i>Blaberus</i> sp.	Cockroach, large brown	ZOO
<i>Blattella germanica</i>	Cockroach, European	LEM
<i>Bombyx mori</i>	Moth, silkworm	LEM
<i>Bombus</i> sp.	Bee, humble	LEM
<i>Calasoma scrutator</i>	Beetle, ground	STE
<i>Camponotus herculeanus</i>	Ant, large black	LEM, STE
<i>Camponotus</i> sp.	Ant, carpenter	STE
<i>Cantharidae</i> sp.	Beetle, soldier	LEM
<i>Cicindela</i> sp.	Beetle, tiger	STE
<i>Cimex lectularius</i>	Bedbug	STE
<i>Coccinellidae</i> sp.	Ladybug	LEM
<i>Culex</i> sp.	Mosquito	LEM, STE
<i>Danaus plexippus</i>	Butterfly, monarch	LEM
<i>Dermestidae</i> sp.	Beetle, dermestid	LEM
<i>Dermocentor variabilis</i>	Tick, American dog	LEM
<i>Diaperomera femorata</i>	Stick, walking	STE
<i>Drosophila melanogaster</i>	Fly, fruit	STE
<i>Dynastes hercules</i>	Beetle, giant Hercules	TAR
<i>Dystiscus verticalis</i>	Beetle, diving	LEM
<i>Ephemera</i> sp.	Mayfly	LEM
<i>Gryllus assimilis</i>	Cricket, field	STE
<i>Gryllus</i> sp.	Cricket	STE
<i>Gyrinus</i> sp.	Beetle, whirligig	LEM
<i>Harpalus</i> sp.	Beetle, ground	LEM
<i>Isoptera</i> sp.	Termite: "white ant"	LEM
<i>Lepisma</i> sp.	Silverfish	LEM
<i>Leptinotarsa decimlineata</i>	Beetle, Colorado potato	LEM
<i>Lethocerus</i> sp.	Bug, electric light	LEM, STE
<i>Lucanidae</i> sp.	Beetle, stag	LEM
<i>Magacicada septendecim</i>	Locust, seventeen-year	LEM, STE
<i>Mallophaga</i> sp.	Louse, chewing	LEM
<i>Megasoma gyas</i>	Beetle, elephant	TAR
<i>Melanoplus</i> sp.	Grasshopper	LEM, STE
<i>Menopon gallinae</i>	Louse, chicken	LEM
<i>Musca domestica</i>	Housefly	LEM, STE
<i>Passalus cornutus</i>	Beetle, horned	LEM
<i>Periplaneta americana</i>	Cockroach, American	STE
<i>Phyllophaga</i> sp.	Beetle, June	LEM, STE
<i>Pieris rapae</i>	Butterfly, cabbage	LEM, STE
<i>Plecoptera</i> sp.	Fly, stone	LEM
<i>Popillia japonica</i>	Beetle, Japanese	LEM
<i>Reticulitermes</i> sp.	Termite, subterranean	LEM
<i>Romelea microptera</i>	Grasshopper, lubber	LEM, STE
<i>Samia cecropia</i>	Moth, cecropia	LEM
<i>Sarcophaga bullata</i>	Grubworm, adult flies, pupae	DOB
<i>Salix infumata</i>	Alderfly, common eastern	LEM
<i>Silpha americana</i>	Beetle, carrion	LEM
<i>Simulium</i> sp.	Fly, black	LEM
<i>Sphinxidus</i> sp.	Moth, sphinx	LEM
<i>Stagemonantis carolina</i>	Mantis, praying	LEM, STE
<i>Staphylinidae</i> sp.	Beetle,rove	LEM
<i>Tabanus atratus</i>	Horsefly	LEM, STE

INSECTA Continued

Species	Common Name	Code
<i>Tenebrio molitor</i>	Mealworm	GUW, LEM, STE, TAR, WOD
<i>Tetraopes tetraophthalmus</i>	Beetle, red milkweed	LEM
<i>Tibicen</i> sp.	Cicada, dog, day, or dwarf	LEM
<i>Trichodectes</i> sp.	Louse, hog	LEM
<i>Trogidae</i> sp.	Beetle, skin	LEM
<i>Vespa</i> sp.	Hornet, yellow jacket	LEM
	Not designated	
	Ant, common	LEM

OTHER ARTHROPODA

<i>Chiridotea coeca</i>		TRS
<i>Erichsonella attenuata</i>		TRS
<i>Julus virgatus</i>	Millipede	STE
<i>Scolopendra heros</i>	Centipede, giant desert	PET, STE
<i>Scolopendra viridis</i>	Centipede, southern	LEM
<i>Scolopendra</i> sp.	Centipede	LEM, STE
<i>Spirobolus</i> sp.	Millipede	LEM, STE

CHORDATA

TUNICATA

<i>Amaroucium constellatum</i>	Sea pork	STE
<i>Amaroucium exile</i>	Sea pork	GUL
<i>Amaroucium pallidum</i>	Sponge, sand	GUL
<i>Amaroucium stellatum</i>	Sea pork	GUL
<i>Ciona intestinalis</i>	Tunicate	PBM
<i>Clavelina gigantea</i>	Squirt, clear sea	GUL
<i>Molgula manhattensis</i>	Squirt, sea	GUL, HML, STE, TRS
<i>Styelia plicata</i>	Squirt, leathery sea	GUL

CEPHALOCHORDATA

<i>Brachistom</i> sp.	Amphioxus	STE
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CYCLOSTOMATA

<i>Entosphenus lamottenii</i>	Lamprey, American brook	LEM
<i>Entosphenus tridentatus</i>	Lamprey, Pacific marine	LEM, STE
<i>Eptatretus stoutii</i>	Hagfish	PBM
<i>Ichthyomyzon castaneus</i>	Lamprey, chestnut	LEM
<i>Petromyzon marinus</i>	Lamprey, Atlantic sea	LEM, STE
	Not designated	
	Lamprey, brook	STE
	Lamprey, lake	STE

CONDRICHTHYES

Species	Common Name	Code
<i>Carcharhinus acronotus</i>	Shark, sand	GUL
<i>Cephaloscyllium uter</i>	Shark, swell	PBM
<i>Heterodontus francisci</i>	Shark, horn	PBM
<i>Myliobatus freminvillei</i>	Ray, eagle	GUL, HML
<i>Pteroplatea micrura</i>	Ray, butterfly	GUL, HML
<i>Pristis pectinatus</i>	Sawfish	GUL
<i>Raja</i> sp.	Skate	GUL, LEM
<i>Raja eglanteria</i>	Skate, clear-nosed	GUL, HML
<i>Rhinoptera quadrilosa</i>	Ray, cow-nosed	GUL, HML
<i>Squalus</i> sp.	Dogfish	STE
<i>Squalus acanthias</i>	Dogfish, spiny	HML, LEM, STE
<i>Torpedo californica</i>	Ray, electric	GUL, PBM
<i>Urolophus halleri</i>	Ray, sting, round	GUL, PAR, PBM

OSTEICHTHYES

<i>Acipenser oxyrinchus</i>	Sturgeon, common	HML
<i>Alosa aestivalis</i>	Herring, blueback	TRS
<i>Alosa pseudoharengus</i>	Alewife	HML, TRS
<i>Alosa sapidissima</i>	Shad, American	HML, TRS
<i>Alutera schoeffi</i>	Filefish, orange	HML
<i>Ameiurus melas</i>	Catfish	STE
<i>Ameiurus</i> sp.	Catfish or bullhead	LEM
<i>Amia calva</i>	Bowfin	LEM, ZOO
<i>Amia</i> sp.	Bowfin	STE
<i>Anguilla rostrata</i>	Eel, black, American	GUL, HML, TRS
<i>Anguilla</i> sp.	Eel, common	STE
<i>Apeltes quadrans</i>	Stickleback, four-spined	HML
<i>Astroscopus guttatus</i>	Starazer	GUL, HML
<i>Bagre marina</i>	Catfish, gaff-sail	GUL
<i>Bairdella chrysura</i>	Perch, silver	HML
<i>Brevoortia tyrannus</i>	Menhaden, Atlantic	HML, TRS
<i>Carassius auratus</i>	Goldfish	STE, TRS
<i>Centropomus striatus</i>	Bass, black sea	HML
<i>Centropomus striatus melans</i>	Bass, rock	GUL
<i>Cepiodonotus greeniens</i>	Sheephead	LEM
<i>Chaetodipterus faber</i>	Spadefish	GUL
<i>Chasmodes bosquianus</i>	Blinny, striped	HML
<i>Chilomycterus schoepfi</i>	Burrfish	GUL, HML
<i>Conger conger</i>	Conger eel	LEM
<i>Cynoscion nebulosa</i>	Squeteague, spotted	HML
<i>Cynoscion regalis</i>	Weakfish	HML
<i>Cyprinodon variegatus</i>	Killifish, broad	HML
<i>Cyprinus carpio</i>	Carp, common	LEM
<i>Cyprinus</i> sp.	Carp	STE, TRS
<i>Dasyatis centrura</i>	Stingray, northern	HML
<i>Dorosoma cepedianum</i>	Shad, gizzard	HML, TRS
<i>Epinephilus morio</i>	Grouper	GUL
<i>Etheostoma nigrum</i>	Darter, johnny	TRS
<i>Fundulus diaphanus</i>	Killifish, banded	HML, TRS
<i>Fundulus heteroclitus</i>	Killifish, common	HML, TRS
<i>Fundulus luciae</i>	Killifish, Lucy's	HML
<i>Fundulus majalis</i>	Killifish, striped	HML, TRS
<i>Gadus callarias</i>	Cod	HML
<i>Galeichthys feus</i>	Catfish, sea	GUL
<i>Gambusia</i> sp.	Fish, mosquito	STE
<i>Gasterosteus aculeatus</i>	Stickleback, three-spine	LEM

OSTEICHTHYES Continued

Species	Common Name	Code
<i>Gobiosoma boscii</i>	Goby, naked	HML
<i>Gobiesox stromosus</i>	Clingfish	HML
<i>Gymnotus electricus</i>	Eel, electric	TAR
<i>Hippocampus</i> sp.	Sea horse	CHC, GUL, HML, LEM, STE
<i>Hyperhamphus unifasciatus</i>	Halfback	HML
<i>Hypsoblennius hentz</i>	Blenny, Carolina	HML
<i>Ictalurus catus</i>	Catfish, white	PAR, TRS
<i>Ictalurus nebulosus</i>	Bullhead, brown	LEM, TRS
<i>Ictalurus punctatus</i>	Catfish, channel	TRS
<i>Lactophrys tricornis</i>	Cowfish	GUL
<i>Leiostomus xanthurus</i>	Spot	HML
<i>Lepiosteus</i> sp.	Garpike	LEM, STE
<i>Lepomis gibbosus</i>	Sunfish	LEM, TRS
<i>Lophius piscatorius</i>	Angler	HML
<i>Lophopsetta maculata</i>	Sundial	HML
<i>Lysisosteus osseus</i>	Garfish	GUL, LEM
Macrouridae	Rattail fishes	LEM
<i>Menidia menidia</i>	Silversides, Atlantic	TRS
<i>Merluccius silinearis</i>	Hake, silver	HML
<i>Menidia beryllina</i>	Silversides, tidewater	HML, TRS
<i>Menticirrhus americanus</i>	Whiting	GUL
<i>Micropogon undulatus</i>	Croaker, Atlantic	GUL, HML
<i>Monocanthus hispidus</i>	Filefish	GUL
<i>Morone americana</i>	Perch, white	HML
<i>Mugil cephalus</i>	Mullet, striped	HML
<i>Mugil eurema</i>	Mullet, white	HML
<i>Notropis hudsonius</i>	Shiner, spottail	TRS
<i>Ogocephalus nasutus</i>	Batfish	GUL
<i>Opisthonema oglinum</i>	Herring, thread	HML
<i>Opsanus tau</i>	Toadfish, oyster	GUL, HML, TRS
<i>Orthopristis chrysopterus</i>	Fish, pig	GUL, HML
<i>Osmerus mordax</i>	Smelt	LEM
<i>Paralichthys dentatis</i>	Fluke, northern	HML
<i>Pepisosteus</i> sp.	Garpike	ZOO
<i>Peprilus paru</i>	Fish, harvest	HML
<i>Perca flavescens</i>	Perch, freshwater	LEM, STE, TRS
<i>Phycis regius</i>	Ling, spotted	HML
<i>Pogonias cromis</i>	Drum, black	HML
<i>Pomatomus saltatrix</i>	Fish, blue	HML
<i>Pomolobus aestivalis</i>	Herring, glut	HML
<i>Poronotus triacanthus</i>	Butterfish	HML
<i>Porosoma cepedianum</i>	Snad, gizzard	HML
<i>Prionotus scitulus</i>	Sea robin	GUL, HML
<i>Pseudopleuronectes americanus</i>	Flounder, winter	HML, TRS
<i>Pungitius pungitius</i>	Stickleback, nine-spined	HML, LEM
<i>Rachycentron canadus</i>	Cobia	HML
<i>Rhinichthys atrialus</i>	Dace, eastern black-nosed	LEM
<i>Rissola marginata</i>	Shippery dick, northern	HML
<i>Roccus americanus</i>	Perch, white	TRS
<i>Roccus saxatilis</i>	Bass, striped	HML, TRS
<i>Scaphirhynchus platyrhynchus</i>	Sturgeon, shovelnose	LEM, STE
<i>Scomberomorus maculatus</i>	Mackerel, Spanish	HML
<i>Selene vomer</i>	Lookdown	HML
<i>Seriola zonata</i>	Fish, rudder (branded)	HML
<i>Spheroides maculatus</i>	Puffer	HML

OSTEICHTHYES Continued

Species	Common Name	Code
<i>Squatina squatina</i>	Monkfish	HML
<i>Stenostomus aculeatus</i>	Porgy, southern	HML
<i>Stenostomus chrysops</i>	Scup	HML
<i>Stephanolepis hispidus</i>	Filefish	HML
<i>Strongylura marinus</i>	Needlefish or billfish, Atlantic	HML, TRS
<i>Syngnathus fuscus</i>	Pipefish, northern	HML, TRS
<i>Syngnathus sp.</i>	Pipefish	CHC
<i>Tautoga onitio</i>	Tautog	HML
<i>Trichiurus lepturus</i>	Fish, cutlass	HML
<i>Trinectes maculatus</i>	Hog choker	HML, TRS
<i>Umbra limi</i>	Minnow, mud	LEM
<i>Vomer setapinnis</i>	Moonfish	HML
	Not designated:	
	South American Fish	PAR
	Tropical fish	GUW, STE

AMPHIBIA

URODELA

<i>Ambystoma maculatum</i>	Salamander, spotted	CON, STE, ZOO
<i>Ambystoma opacum</i>	Salamander, marbled	LEM
<i>Ambystoma tigrinum</i>	Salamander, tiger	LEM
<i>Ambystoma tigrinum</i>	Salamander, tiger	LEM, PFI, STE, ZOO
<i>Amphiuma means</i>	Eel, Congo	STE, RID, ZOO
<i>Amphiuma tridactylum</i>	Eel, Congo	LEM, STE
<i>Batrachoseps attenuatus</i>	Salamander, California slender	SHR
<i>Diemictylus viridescens</i>	Newt, red-spotted	LEM, STE, ZOO
<i>Dismognathus fuscus</i>	Salamander, dusky	LEM
<i>Eurycea taylori</i>	Salamander, Texas	LEM
<i>Necturus maculosus</i>	Mudpuppy	LEM, STE, ZOO
<i>Salamandra atra</i>	Salamander, fire (European)	ZOO
<i>Siren lacertina</i>	"Mud eel"	RID, STE
<i>Triturus cristatus</i>	Newt, giant	LEM
<i>Triturus viridescens</i>	Newt, water	LEM, STE, ZOO
<i>Triturus sp.</i>	Newt	CON, STE, ZOO
	Not designated	ZOO

ANURA

<i>Acris gryllus</i>	Frog, cricket	LEM
<i>Acris gryllus crepitans</i>	Frog, cricket	EXO
<i>Atelopus varius</i>	Frog, golden	RID
<i>Atelopus sp.</i>	Frog, poison arrow	RID, ZOO
<i>Bombina orientalis</i>	Toad, fire-bellied (European)	ZOO
<i>Bufo alvarius</i>	Toad, Colorado River	PFI, ZOO
<i>Bufo americanus</i>	Toad, garden	LEM, ROC, STE, ZOO
<i>Bufo blandingi</i>	Toad, Blomberg's	CHC, PFI
<i>Bufo boreas</i>	Toad, western	SHR
<i>Bufo cognatus</i>	Toad, Great Plains	PFI
<i>Bufo fowleri</i>	Toad, Fowler's	STE
<i>Bufo marinus</i>	Toad, marine	CHC, LEM, PFI, RID, STE, PAR, ZOO
<i>Bufo punctatus</i>	Toad, red-spotted	PFI
<i>Bufo retiformis</i>	Toad, little green	PFI

ANURA Continued

Species	Common Name	Code
<i>Bufo siamensis</i>	Toad	EXO
<i>Bufo terrestris</i>	Toad, common	GUW, LEM, RID, STE
<i>Bufo woodhousii</i>	Toad	STE
<i>Ceratophrys calcarata</i>	Frog, Colombian: horned	PFI
<i>Ceratophrys varia</i>	Toad, horned	EXO
<i>Ceratophrys</i> sp.	Frog, horned	CHC, RID
<i>Dendrobates</i> sp.	Frog, poison arrow	RID
<i>Gigantorana goliath</i>	Frog, goliath	RID
<i>Hyla arenicolor</i>	Frog, canyon tree	PET, SHR
<i>Hyla cinerea</i>	Frog, green tree	EXO, LEM, STE, TAR
<i>Hyla crucifer</i>	Spring peeper	LEM, STE
<i>Hyla gratiosa</i>	Frog, barking tree	RID
<i>Hyla regilla</i>	Frog, Pacific tree	SHR
<i>Hyla septentrionalis</i>	Frog, Cuban tree	RID
<i>Hyla squirella</i>	Frog, squirrel tree	TAR
<i>Hyla versicolor</i>	Frog, northern green tree	STE
<i>Hyla</i> sp.	Frog, tree	ZOO
<i>Kaloula pulchra</i>	Frog, bull Malayan	EXO
<i>Leptodactylus pentadactylus</i>	Frog, giant leptodactylid	RID, TAR
<i>Megalophrys carinense</i>	Arcifera	EXO
<i>Phrynosoma cornutum</i>	Toad, horned	LEM
<i>Phrynosoma spilomma</i>	Frog, poisonous tree	RID
<i>Phyllomedusa bi-color</i>	Frog, giant emerald tree	TAR
<i>Phyllomedusa</i> sp.	Frog, red-eyed tree	RID
<i>Pipa pipa</i>	Toad, Surinam	CHC, STE, TAR
<i>Pseudobranchius striatus</i>	Siren, lesser	RID
<i>Rana catesbeiana</i>	Bullfrog	CON, LEM, RID, ROC, STE, ZOO
<i>Rana clamitans</i>	Frog, green	LEM, ROC, STE, ZOO
<i>Rana grilio</i>	Bullfrog, southern	RID
<i>Rana heckscheri</i>	Frog, river	RID
<i>Rana palustris</i>	Frog, pickerel	LEM, STE
<i>Rana pipiens</i>	Frog, leopard	CON, LEM, ROC, STE, WBS, ZOO
<i>Rana septentrionalis</i>	Frog, mink	LEM
<i>Rana sphenoccephala</i>	Frog, southern leopard	LEM
<i>Rana sylvatica</i>	Frog, wood	LEM, STE
<i>Rhacophorus reinwardti</i>	Frog, Javan gliding	EXO
<i>Scaphiopus couchi</i>	Toad, Couch's spadefoot	PET
<i>Scaphiopus hammondi</i>	Toad, western spadefoot	PET
<i>Scaphiopus holbrookii</i>	Toad, spadefoot	LEM
<i>Smilisca baudini</i>	Frog, Mexican tree	RID
<i>Xenopus laevis</i>	Frog, South African clawed	STE
	Not designated	ZOO

REPTILIA

Species	Common Name	* Code
TESTUDINATA		
<i>Amyda ferox</i>	Turtle, soft-shelled	LEM, STE, TAR, ZOO
<i>Amyda sp.</i>	Turtle, soft-shelled	ZOO
<i>Batrachemys nasuta</i>	Turtle, broad head side necked	TAR
<i>Butagar baska</i>	Tortoise, Ka-ant	EXO
<i>Caretta caretta</i>	Turtle, loggerhead sea	EXO, GUL, RID
<i>Casqued terrapin</i>	Snapper, Asiatic	EXO
<i>Chelonia mydas</i>	Turtle, green sea	RID
<i>Chelus fimbriata</i>	Turtle, mata mata	CHC, TAR
<i>Chelydra osceola</i>	Turtle, Florida snapping	TAR
<i>Chelydra serpentina</i>	Turtle, common snapping	GOK, LEM, RID, STE, TRS, ZOO
<i>Chrysemys picta</i>	Turtle, painted	LEM, STE, ZOO
<i>Chrysemys sp.</i>	Turtle	CON, STE
<i>Clemmys guttata</i>	Turtle, common spotted	LEM
<i>Clemmys insculpa</i>	Turtle, wood	LEM, STE, ZOO
<i>Cuora amboinensis</i>	Turtle, Malayan box	PFI
<i>Cuora sp.</i>	Turtle, Asiatic box	ZOO
<i>Cyclemys amboinensis</i>	Tortoise, box	EXO
<i>Dermatemys mawei</i>	Turtle, Central American river	RID
<i>Dermochelys coriacea</i>	Turtle, leatherback	EXO
<i>Emys blandingii</i>	Turtle, Blanding's	LEM, STE, ZOO
<i>Eretmochelys imbricata</i>	Turtle, hawksbill sea	RID
<i>Geoclemys hamiltoni</i>	Turtle, spotted pond	STE
<i>Geomyda aureolata</i>	Turtle, black-bellied	RID
<i>Geomyda spinosa</i>	Terrapin, spiny	EXO, ZOO
<i>Gopherus berlandieri</i>	Tortoise, Texas gopher	RID
<i>Gopherus polyphemus</i>	Tortoise, gopher	CHC, RID, TAR, ZOO
<i>Graptemys pseudogeographica</i>	Terrapin, crescent	LEM, STE
<i>Kinixys sp.</i>	Tortoise, African hinged-back	PET, RID
<i>Kinosternon baurii</i>	Turtle, Bauer's mud	TAR
<i>Kinosternon flavescens</i>	Turtle, yellow-necked mud	STE
<i>Kinosternon leucostomum</i>	Turtle, white-faced mud	RID
<i>Kinosternon scorpiodes</i>	Turtle, common mud	LEM, TAR
<i>Kinosternon sonoriense</i>	Turtle, Sonoran mud	PET
<i>Kinosternon sp.</i>	Turtle, mud	CHC, STF
<i>Lepidochelys kempii</i>	Turtle, Ridley, Atlantic	RID
<i>Lutinos terrapin</i>	Tortoise, yellow	EXO
<i>Macrochelys temminckii</i>	Turtle, alligator snapping	LEM, RID, STE, ZOO
<i>Malaclemys sp.</i>	Turtle, diamondback	CHC, GUL, STE
<i>Malaclemys concentrica</i>	Terrapin, diamondback	HML, TAR
<i>Malaclemys subtrijuga</i>	Turtle, snail-eating	PFI
<i>Malaclemys terrapin</i>	Terrapin, northern diamondback	GUL, LEM, TRS
<i>Malacochersus tornieri</i>	Tortoise, pancake	PET
<i>Platemys platycephala</i>	Turtle, brown side neck	RID, TAR
<i>Platysternon megacephalum</i>	Turtle, Asiatic big-headed	EXO, PFI, RID, ZOO
<i>Podocnemis expansa</i>	Turtle, yellow-spotted side neck	TAR
<i>Podocnemis sextuberculata</i>	Turtle, white spotted side neck	TAR
<i>Podocnemis sp.</i>	Turtle, side neck	RID
<i>Pseudemys elegans</i>	Terrapin, mobile	LEM, STE
<i>Pseudemys floridiana</i>	Terrapin, Florida	CHC
<i>Pseudemys ornata</i>	Turtle, red eared	CHC, TAR
<i>Pseudemys scripta</i>	Terrapin, yellow bellied	CHC, STE, TAR
<i>Pseudemys suanmontensis</i>	Sliders and cooters, Florida	TAR
<i>Pseudemys sp.</i>		STE

Species	Common Name	Code
<i>Staurotypus salveni</i>	Turtle, giant musk	RID
<i>Sternotherus minor</i>	Turtle, southern musk	CHC, TAR
<i>Sternotherus odoratus</i>	Turtle, stinkpot musk	LEM, TAR
<i>Terrapene carolina</i>	Turtle, common box	LEM, STE, TAR
<i>Terrapene major</i>	Tortoise, southern box	CHC, STE
<i>Terrapene ornata</i>	Turtle, painted box	LEM, PET
<i>Terrapene</i> sp.	Turtle, box	ZOO
<i>Testudo denticulata</i>	Tortoise, South American	CHC, PFI, RID, TAR,
<i>Testudo elegans</i>	Tortoise, star	RID
<i>Testudo emys</i>	Tortoise, giant Asiatic	EXO
<i>Testudo gigantea</i>	Tortoise, giant aldabra	RID
<i>Trionyx cartilagineus</i>	Turtle, Asiatic soft-shelled	PFI
<i>Trionyx ferox</i>	Turtle, southern soft-shelled	CHC, LEM
<i>Trionyx</i> sp.	Turtle, soft-shelled	RID
	Not designated:	
	Turtle, green-headed	GOK

SAURIA

<i>Agama</i> sp.	Lizard, Agama	PET
<i>Amphisbaena alba</i>	Lizard, white-bellied worm	TAR
<i>Amphisbaena fuliginosa</i>	Lizard, worm	TAR
<i>Anniella pulchra</i>	Lizard, California legless	SHR
<i>Anolis carolinensis</i>	Chameleon	CHC, LEM, TAR, ZOO
<i>Anolis equestris</i>	Chameleon, Cuban	CHC, PFI, RID
<i>Anolis jamaicensis</i>	Anole, Jamaican giant	RID
<i>Basiliscus basiliscus</i>	Lizard, basilisk	CHC, PFI, TAR
<i>Basiliscus plumbifrons</i>	Basilisk, giant green	RID
<i>Basiliscus vittatus</i>	Basilisk, striped	RID
<i>Callisaurus ventralis</i>	Lizard, zebra-striped	PET, SHR
<i>Calotes versicolor</i>	Bloodsucker, Indian	ZOF
<i>Chamaeleon</i> sp.	Chameleon, true	RID, ZOO
<i>Cnemidophorus</i> sp.	Lizard, whip-tailed	SHR
<i>Cnemidophorus sexlineatus</i>	Racerunner, six-lined	LEM
<i>Cnemidophorus tigris</i>	Whiptail, western	PET
<i>Coleonyx bogerti</i>	Gekko, western banded	SHR
<i>Coleonyx variegatus</i>	Gekko, desert	CHC, PET, SHR
<i>Crotaphytus collaris</i>	Lizard, collared	CHC, LEM, PET, SHR
<i>Crotaphytus wislizeni</i>	Lizard, leopard	PET, SHR
<i>Ctenosaura l. hemilopha</i>	Iguana, Mexican false	PET
<i>Cyclura baelopha</i>	Iguana, Bahama	RID
<i>Cyclura caimanensis</i>	Iguana, caiman	RID
<i>Cyclura cornutus</i>	Iguana, rhinoceros	CHC, PFI, RID
<i>Cyclura lewisi</i>	Iguana, blue	RID
<i>Cyclura ricordi</i>	Iguana, Ricord's	CHC, RID
<i>Cyclura rileyi</i>	Iguana, San Salvador Island	CHC
<i>Dipsosaurus dorsalis</i>	Iguana, keel-backed desert	PET, SHR
<i>Dracaena guianensis</i>	Lizard, caiman	PFI, RID, TAR
<i>Draco volans</i>	Lizard, flying	RID, ZOO
<i>Eublepharis macularius</i>	Gekko, leopard	PFI, ZOO
<i>Eumeces egregius</i>	Skink, Florida, red-tailed	CHC
<i>Eumeces schneideri</i>	Skink, Schneider's giant	RID
<i>Eumeces skiltonianus</i>	Skink, western	SHR
<i>Furomastix</i> sp.	Lizard, Asiatic spiny-tailed	ZOO
<i>Gekko gekko</i>	Gekko, tokay	CHC, PFI, RID, ZOF,
		ZOO
<i>Gekkodidae verticillatus</i>	Gekko, or tokay	EXO

Species	Common Name	Code
<i>Gerrhonotus kingi</i>	Lizard, Sonoran alligator	PET
<i>Gerrhonotus multicarinatus</i>	Lizard, alligator	CHC, PET, SHR
<i>Gerrhosaurus</i> sp.	Lizard, African plated	PET
<i>Heloderma horridum</i>	Lizard, beaded	CHC, ZOO
<i>Heloderma suspectum</i>	Gila monster	CHC, RID, ZCO
<i>Hemidactylus echinus</i>	Gekko, African fat-tailed	PET
<i>Hemidactylus mabouia</i>	Gekko	TAR
<i>Holbrookia approximans</i>	Lizard, lesser earless	PET
<i>Holbrookia texana</i> sp.	Lizard, greater earless	PET
<i>Hydrosaurus amboinensis</i>	Lizard, East Indian water	RID
<i>Iguana iguana</i>	Iguana, green	CHC, PFI, TAR, ZOO
<i>Iguana rhinolopha</i>	Iguana, giant Central American	RID
<i>Lacerta viridis</i>	Lizard, European green	ZOO
<i>Ophisaurus ventralis</i>	"Snake", glass	CHC, TAR
<i>Pachydactylus bibroni</i>	Gekko, African flap-footed	ZOO
<i>Phrynosoma cornutum</i>	"Horned toad"	SHR
<i>Phrynosoma m'calli</i>	Lizard, bleached horned	SHR
<i>Phrynosoma platyrhinos</i>	Lizard, desert horned	SHR
<i>Phyllodactylus tuberculosus</i>	Gekko, leaf-toed	SHR
<i>Physignathus cocincinus</i>	Dragon, green-crested water	PFI
<i>Physignathus dragonosdes</i>	Dragon, giant water	EXO
<i>Physignathus lesueurii</i>	Dragon, Australian water	PFI
<i>Polychrous marmoratus</i>	Lizard, marbled	TAR
<i>Sauromalus obesus</i>	Chuckawalla	CHC, PET, SHR
<i>Sceloporus c. clarki</i>	Lizard, Clark's spiny	PET
<i>Sceloporus consubrinus</i>	Lizard, eastern fence	PET
<i>Sceloporus cyanogenys</i>	Swift, blue scaly	LEM
<i>Sceloporus graciosus</i>	Lizard, sagebrush	SHR
<i>Sceloporus j. jarrovi</i>	Lizard, Yarrow's spiny	PET
<i>Sceloporus m. magister</i>	Lizard, desert spiny	PET, SHR
<i>Sceloporus occidentalis</i>	Lizard, western fence	SHR
<i>Sceloporus orcutti</i>	Lizard, granite spiny	SHR
<i>Sceloporus undulatus</i>	Fence swift	LEM
<i>Sceloporus virgatus</i>	Lizard, striped plateau	PET
<i>Teratoscincus scincus</i>	Gekko, Asiatic frog-eyed	ZOO
<i>Tiliqua cunninghami</i>	Skink, Cunningham's	PFI
<i>Tiliqua rugosa</i>	Lizard, stump-tail	PFI
<i>Tiliqua scincoides</i>	Skink, blue-tongue	PFI
<i>Tupinambis nigropunctatus</i>	Lizard, golden tegu	CHC, PFI, RID, TAR
<i>Tupinambis rufescens</i>	Tegu, red	PFI
<i>Tupinambis texuigia</i>	Lizard, tegu	CHC, PFI, RID, TAR
<i>Tupinambis</i> sp.	Lizard, tegu	ZOO
<i>Uma notata cowlesi</i>	Lizard, Colorado desert sands	PET
<i>Urocentron castor</i>	Lizard, black flat-tailed	TAR
<i>Uromastix</i> sp.	Lizard, spiny-tailed	RID
<i>Uta grasilosa</i>	Lizard, long-tailed brush	SHR
<i>Uta mearnsi</i>	Lizard, California rock	SHR
<i>Uta ornata symmetrica</i>	Lizard, tree	PET
<i>Uta stansburiana stegneri</i>	Lizard, side-blotched	PET, SHR
<i>Varanus bengalensis</i>	Monitor, Indian	PFI, RID
<i>Varanus exanthematicus</i>	Monitor, Savanna	RID
<i>Varanus flavescens</i>	Lizard, yellow monitor	CHC
<i>Varanus griseus</i>	Monitor, desert	RID
<i>Varanus nebulosus</i>	Monitor, long-tailed	EXO
<i>Varanus niloticus</i>	Lizard, Nile monitor	PFI, RID
<i>Varanus salvator</i>	Monitor, water	CHC, EXO, RID
<i>Varanus</i> sp.	Lizard, monitor	PFI

SAURIA Continued

Species	Common Name	Code
<i>Varanus</i> sp.	Monitor, Asian	ZOO
<i>Xantusia henshawi</i>	Lizard, granite night	SHR
<i>Xantusia vigilis</i>	Lizard, Yucca night	SHR
	Lizards, not designated	SHR
OPHIDIA		
<i>Acrochordus javanicus</i>	Snake, elephant trunk	CHC, EXO, PFI, RID, ZOF
<i>Agkistrodon bilineatus</i>	Cantil	RID
<i>Agkistrodon contortrix</i>	Snake, copperhead	LEM, RID, ZOO
<i>Agkistrodon mokasen</i>	Copperhead, northern	STE, ZOO
<i>Agkistrodon piscivorus</i>	Cottonmouth	CHC, LEM, TAR, ZOO
<i>Agkistrodon piscivorus leucostoma</i>	Water moccasin, northern	ZOO
<i>Anilius scytale</i>	Snake, coral	CHC, TAR
<i>Arizona elegans</i> sp.	Snake, glossy	PET, SHR
<i>Atractaspis</i> sp.	Viper, mole	RID
<i>Bitis arietans</i>	Adder, puff	PET, RID
<i>Bitis gabonica</i>	Viper, gaboon	CHC, PET, RID
<i>Bitis nasicornis</i>	Viper, rhinoceros	CHC, PET, RID
<i>Bitis</i> sp.	Viper, African, large species	ZOO
<i>Boa anulata</i>	Boa, annulated	CHC
<i>Boa canina</i>	Boa, emerald tree	CHC, PFI, RID, TAR
<i>Boa constrictor</i>	Boa, yellow tree	CHC, PFI, RID, TAR
<i>Boa hortulana</i>	Boa, garden tree	CHC, TAR
<i>Boa</i> sp.	Boa, tree (South and Central American)	ZOO
<i>Boiga dendrophila</i>	Snake, mangrove	EXO
<i>Bothrops atrox</i>	Fer-de-lance	CHC, RID, TAR
<i>Bothrops hyoprora</i>	Viper, hog-nosed	TAR
<i>Bothrops jararaca</i>	Jararaca	CHC
<i>Bothrops nigrovirides</i>	Viper, black and green	TAR
<i>Bothrops numifera</i>	Tommygooff, jumping	RID
<i>Bothrops</i> sp.	Viper, tropical American	ZOO
<i>Bungarus fasciatus</i>	Krait, banded	CHC, EXO, ZOF
<i>Bungarus</i> sp.	Krait, Asiatic	ZOO
<i>Cemophora coccinea</i>	Snake, scarlet	TAR
<i>Cerberus rhynchops</i>	Snake, dog-faced water	RID
<i>Chersydrus granulatus</i>	Snake, wart	RID
<i>Chilomeniscus cinctus</i>	Snake, banded sand	PET
<i>Chionactis occipitalis</i>	Snake, shovel-nosed	SHR
<i>Chironius fuscus</i>	Snake, red whip	TAR
<i>Chironius verde</i>	Snake, green whip	TAR
<i>Chironius</i> sp.	Snake, green whip	PET
<i>Chrysopelea ornata</i>	Snake, flying	RID
<i>Clelia clelia</i>	Mussaena	CHC, TAR
<i>Coluber constrictor</i>	Racer, black	CHC, TAR
<i>Coluber flagellum</i>	Coachwhip	CHC, TAR
<i>Coluber foxi</i>	Snake, blue racer	LEM
<i>Coluber paludicola</i>	Snake, everglades racer	CHC
<i>Conopsis lineatus</i>	Guarda camino	TAR
<i>Constrictor c. constrictor</i>	Constrictor, red-tailed boa	PET
<i>Constrictor constrictor</i>	Boa, common	CHC, EXO, RID, TAR
<i>Constrictor c. unicolor</i>	Constrictor, Mexican boa	PET
<i>Constrictor c. rubicauda</i>	Boa, Brazilian red-tailed	CHC, TAR
<i>Constrictor</i> sp.	Boa, common tropical	ZOO
<i>Crotalus adamanteus</i>	Rattlesnake, diamondback	CHC, PFI, RID, TAR

Species	Common Name	Code
<i>Crotalus atrox</i>	Rattlesnake, Texas	CHC, RID
<i>Crotalus ceraster</i>	Sidewinder	PET, SHR
<i>Crotalus durissus</i>	Rattlesnake, tropical	RID, TAR
<i>Crotalus h. atricaudatus</i>	Rattlesnake, canebrake	RID
<i>Crotalus h. horridus</i>	Rattlesnake, timber	RID
<i>Crotalus l. klauberi</i>	Rattlesnake, green rock	PET
<i>Crotalus m. molossus</i>	Rattlesnake, black-tailed	PET
<i>Crotalus mitchelli pyrrhus</i>	Rattlesnake, S.W. speckled	SHR
<i>Crotalus scutulatus</i>	Rattlesnake, Mojave	PET, SHR
<i>Crotalus tigris</i>	Rattlesnake, tiger	PET
<i>Crotalus viridis helleri</i>	Rattlesnake, South Pacific	SHR
<i>Crotalus sp.</i>	Rattlesnake	LEM, ZOO
<i>Cyclagras gigas</i>	Cobra, false water	CHC, TAR
<i>Cylindrophis sp.</i>	Snake, cylinder	RID
<i>Dendraspis viridia</i>	Mamba, green	CHC, RID
<i>Dipsas catesbeii</i>	Snake, snail-eating	TAR
<i>Dispiloides typus</i>	Boomsland	RID
<i>Drymarchon corais</i>	Snake, indigo	CHC, RID
<i>Drymarchon c. corais</i>	Cribo, yellow-tailed	CHC, PFI, TAR
<i>Drymarchon c. couperi</i>	Snake, Florida indigo	PET, TAR
<i>Drymarchon c. melanurus</i>	Cribo, grey	TAR
<i>Dryophis nasuta</i>	Snake, vine (Asiatic)	ZOO
<i>Elaphe guttata</i>	Snake, corn	CHC, TAR
<i>Elaphe o. c. adrivittata</i>	Snake, yellow rat	PFI, TAR
<i>Elaphe quadrivittata</i>	Snake, chicken	CHC
<i>Elaphe spiloides</i>	Snake, gray rat	CHC
<i>Elaphe taeniurus cope</i>	Snake, Taiwan beauty	ZOF
<i>Elaphe sp.</i>	Snake, rat	PET, RID, ZOO
<i>Epicrates cenchris</i>	Boa, rainbow	CHC, PFI
<i>Epicrates c. cenchris</i>	Boa, Brazilian rainbow	CHC, TAR
<i>Epicrates c. maurus</i>	Boa, Colombian rainbow	CHC, TAR
<i>Epicrates fordi</i>	Boa, Haitian ground	CHC
<i>Epicrates striatus</i>	Boa, Bahaman	CHC, PFI, RID
<i>Epicrates subflavus</i>	Boa, Jamaican	RID
<i>Eryx johnii</i>	Boa, sand	CHC, RID
<i>Eryx sp.</i>	Boa, sand (Asiatic)	ZOO
<i>Eunectes murinus</i>	Anaconda	CHC, PFI, RID, TAR
<i>Eunectes notaeus</i>	Anaconda, yellow	RID
<i>Faenicia abacura</i>	Snake, red bellied	TAR
<i>Gongylophis conicus</i>	Boa, rough sand	RID
<i>Herpeton tentaculatum</i>	Snake, tentacle	RID
<i>Heterodon contortix</i>	Snake, hognose	CHC, TAR
<i>Heterodon nasicus</i>	Snake, hognose western	ZOO
<i>Heterodon simus</i>	Snake, southern hognose	CHC
<i>Heterodon sp.</i>	Snake, hognose	PET, RID
<i>Hypsiglena torquata</i>	Snake, spotted night	PET, SHR
<i>Hypsirinchus ferox</i>	Snake, Haitian white	CHC
<i>Imantodes cenchoa</i>	Snake, blunt-head tree	TAR
<i>Lachesis muta</i>	Bushmaster	CHC, RID, TAR
<i>Lampropeltis elapsoides</i>	Snake, scarlet king	CHC, TAR
<i>Lampropeltis getulus</i>	Snake, king	CHC, RID
<i>Lampropeltis g. brooksi</i>	Snake, South Florida king	CHC, PET
<i>Lampropeltis g. californiae</i>	Snake, California king	PET, SHR
<i>Lampropeltis g. floridana</i>	Snake, Florida king	CHC, PFI, PET, TAR
<i>Lampropeltis g. holbrooki</i>	Snake, speckled king	CHC
<i>Lampropeltis g. splendida</i>	Snake, Arizona king	PET
<i>Lampropeltis g. yuconensis</i>	Snake, Yuma king	PET
<i>Lampropeltis goina</i>	Snake, blotched king	CHC

OPHIDIA Continued

Species	Common Name	Code
<i>Lampropeltis p. woodini</i>	Snake, Arizona mountain king	PET
<i>Lampropeltis triangulum</i> sp.	Snake, scarlet king	PET
<i>Lampropeltis zonata</i>	Snake, California mountain king	PET, SHR
<i>Lampropeltis</i> sp.	Snakes, king	ZOO
<i>Leptophis ahaetulla</i>	Snake, green tree	TAR
<i>Leptophis r. nigromarginatus</i>	Snake, paradise green tree	TAR
<i>Leptotyphlops humilis</i>	Snake, blind	SHR
<i>Liasis amethystinus</i>	Python, amethystine	PFI
<i>Liasis childreni</i>	Python, children's	PFI
<i>Lichanura r. gracia</i>	Boa, desert rosy	SHR
<i>Lichanura r. roseofusca</i>	Boa, California rosy	SHR
<i>Macropisthodon thodoneus</i>	Snake, keelback	EXO
<i>Masticophis bilineatus</i>	Racer, Sonoran	PET
<i>Masticophis f. piceus</i>	Racer, red or black	PET, SHR
<i>Masticophis lateralis</i>	Racer, California striped	SHR
<i>Micruroides euryxanthus</i>	Snake, Arizona coral	PET
<i>Micrurus flavus</i>	Snake, coral	CHC, LEM, TAR
<i>Micrurus spixi</i>	Snake, coral	TAR
<i>Micrurus</i> sp.	Snake, coral	TAR
<i>Morelia argus</i>	Python, carpet	PFI
<i>Morelia spilotes</i>	Python, diamond	PFI
<i>Naja hannah</i>	Cobra, king	EXO, ZOF
<i>Naja naja kaoutnia</i>	Cobra	EXO, ZOF
<i>Naja melanoleuca</i>	Cobra, African black	RID
<i>Naja naja</i>	Cobra, spectacled	CHC
<i>Naja nigricollis</i>	Cobra, black-necked	RID
<i>Naja</i> sp.	Cobra	PET, ZOO
<i>Natrix cyclopion</i>	Snake, green water	CHC, LEM, TAR
<i>Natrix fasciata</i>	Snake, banded water	CHC, TAR
<i>Natrix floridana</i>	Snake, Florida green water	CHC
<i>Natrix sipedon</i>	Snake, water	CHC
<i>Natrix taxipilota</i>	Snake, brown water	CHC
<i>Natrix</i> sp.	Snake, water (various)	RID, ZOO
<i>Ophedrys aestivus</i>	Snake, rough-keeled green	CHC, LEM, TAR
<i>Ophisaurus ventralis</i>	Snake, glass	TAR
<i>Ophiophagus hannah</i>	Cobra, king	RID
<i>Oxybelis acuminatus</i>	Snake, pike-headed	TAR
<i>Oxybelis fulgidus</i>	Snake, long-nosed tree	TAR
<i>Oxybelis</i> sp.	Snake, American vine	RID
<i>Oxyrhopis petola</i>	Coral, false	TAR
<i>Peiromys platyrus</i>	Snake, yellow-bellied sea	RID
<i>Phyllorhynchus b. browni</i>	Snake, saddled leaf-nosed	PET
<i>Phyllorhynchus decurtatus</i>	Snake, spotted leaf-nosed	PET, SHR
<i>Pituophis c. affinis</i>	Snake, gopher	PET, SHR
<i>Pituophis c. annectens</i>	Snake, San Diegan gopher	SHR
<i>Pituophis c. deserticola</i>	Snake, great basin gopher	SHR
<i>Pituophis m. mugitis</i>	Snake, pine	TAR
<i>Pituophis ruthveni</i>	Snake, Florida pine	CHC
<i>Pituophis</i> sp. (various)	Snakes, bull and pine	RID
<i>Pseudoeryx plicatella</i>	Snake, mud	TAR
<i>Pseustes poecilonotus</i>	Cobra, false	TAR
<i>Python curtus</i>	Python, blood	PFI, RID
<i>Python molurus</i>	Python, Indian rock	CHC, EXO, RID
<i>Python regius</i>	Python, ball	CHC, PFI, RID
<i>Python reticulatus</i>	Python, reticulated	CHC, EXO, PFI, RID ZOF, ZOO
<i>Python sabae</i>	Python, African rock	CHC, PFI, RID

OPHIDIA Continued

Species	Common Name	Code
Python sp.	Pythons	PET, ZOO
Ptyas korros (schlegel)	Snake, delicate design	ZOF
Rhinocheilus lecontei	Snake, western long-nosed	PET, SHR
Rhinocheilus lecontei clarus	Snake, desert long-nosed	SHR
Salvadora grahamaei	Snake, mountain patch-nosed	PET
Salvadora hexalepis sp.	Snake, western patch-nosed	PET, SHR
Sistrurus miliarius	Rattlesnake, pygmy	CHC, RID, TAR
Spilote pullatus	Snake, tiger rat	PFI
Spilotes pullatus	Snake, South American rat	TAR
Storeria occipitomaculata	Snake, red-bellied	LEM
Tantilla eiseni	Snake, black-headed	SHR
Thalerophis richardi	Snake, green tree	CHC
Thamnophis sackeri	Snake, southern ribbon	CHC, TAR
Thamnophis sirtalis	Snake, garter	CHC, STE, TAR
Thamnophis sp.	Snakes, garter	LEM, PET, STE, ZOO
Thelotornis kirtlandi	Snake, African bird	RID
Trimerisurus sp. (various)	Viper, Asiatic pit	RID
Trimorphodon lambda	Snake, Arizona lyre	PET
Trimorphodon vandenburghi	Snake, California lyre	SHK
Vipera ammodytes	Viper, sand	RID
Vipera berus	Viper, European	RID
Vipera lebanica	Viper, Lebanese	RID
Vipera russellii	Viper, Russell's	EXO, RID
Vipera sp.	Vipers, Old World	ZOO
Xenopeltis unicolor	Snake, sunbeam	RID
	Snake, not designated:	
	Sea	RID
	Python (Pakistani origin)	ALI
	Reptiles	ALI, TOT
	Snakes	GOK, STE
LORICATA		
Alligator mississippiensis	Alligator, American	GUL, LEM, RID, TAR, ZOO
Alligator sinensis	Alligator, Chinese	RID
Caiman fuscus	Caiman, brown	RID
Caiman jacare	Caiman, jacare	RID
Caiman latirostris	Caiman, broad-fronted	RID
Caiman sclerops	Caiman, spectacled	CHC, PFI, RID, TAR
Caiman sp.	Caiman	LEM, ZOO
Chaetopeltis sapiculata	Chiton, small Atlantic	LEM
Crocodylus acutus	Crocodile, American	CHC, RID, TAR, ZOO
Crocodylus cataphractus	Crocodile, slender-snouted	RID
Crocodylus johnstonei	Crocodile, Johnstone's	RID
Crocodylus mindorensis	Crocodile, mindoro	RID
Crocodylus moreletii	Crocodile, Morelet's	RID
Crocodylus niloticus	Crocodile, Nile	PFI, RID
Crocodylus palustris	Crocodile, marsh	EXO, RID
Crocodylus porosus	Crocodile, saltwater	EXO, RID
Crocodylus siamensis	Crocodile, Siamese	EXO, RID
Gavialis gangeticus	Gavial, Indian	EXO, RID
Melanosuchus niger	Caiman, black	RID, TAR
Osteolaemus osborni	Crocodile, Congo dwarf	RID
Osteolaemus tetraspis	Crocodile, broad-nosed	PFI, RID
Palaeosuchus palpebrosus	Caiman, dwarf	RID
Palaeosuchus trigonatus	Caiman, smooth-fronted	CHC, RID, TAR
Tomistoma schlegelii	Gharial, Malayan	EXO, PFI
	Crocodile (East Pakistan, Khulna)	ALI

AVES

Species	Common Name	Code
SPHENISCIFORMES		
<i>Eudyptes crestatus</i>	Penguin, rock-hopper	RID
<i>Pygoscelis adeliae</i>	Penguin, Adelle	RID
<i>Spheniscus Jemersus</i>	Penguin, jackass	RID
<i>Spheniscus humboldti</i>	Penguin, Humboldt	BRP, CHC, PFI, RID
<i>Spheniscus magellanicus</i>	Penguin, magellanic	BRP, PFI
<i>Spheniscus mendiculus</i>	Penguin, Galapagos	FRE
STRUTHIONIFORMES		
<i>Struthio camelus australis</i>	Ostrich, Southern race	PFI
<i>Struthio camelus</i>	Ostrich	BRP, CHC, RFB, RID
<i>Struthio sp.</i>	Ostrich	FRE, TOT
RHEIFORMES		
<i>Rhea americana</i>	Rhea, common	BRP, PFI, RFB
<i>Rhea sp.</i>	Rhea	CHC, RID, TOT, ZOO
PELECANIFORMES		
<i>Fregata magnificens</i>	Frigate bird, magnificent	BRP, RID
<i>Pelecanus erythrorhynchos</i>	Pelican, American white	RID
<i>Pelecanus occidentalis</i>	Pelican, brown	BRP, CHC, PFI, RID
<i>Pelecanus onocrotalus</i>	Pelican, African white	BRP
<i>Phalacrocorax bougainvillii</i>	Cormorant, Guanay	BRP
<i>Sula leucogaster</i>	Booby, brown	BRP
<i>Sula variegata</i>	Booby, Peruvian	BRP
	Not designated:	
	Cormorant	TOT
CICONIIFORMES		
<i>Ajaia ajaia</i>	Spoonbill, roseate	BRP, CHC, FRE, PFI, RID, TAR
<i>Anastomus oscitans</i>	Stork, open-billed	PFI, RID
<i>Ardeola ibis</i>	Egret, cattle	RID
<i>Botaurus sp.</i>	Bittern, tiger	CHC, RID, TAR
<i>Casmerodius albus</i>	Egret, common	BRP
<i>Ciconia ciconia</i>	Stork, European white	BRP, CHC, PFI
<i>Ciconia nigra</i>	Stork, European black	BRP
<i>Cochlearius cochlearius</i>	Heron, boat-billed	CHC, FRE, PFI, RID, TAR
<i>Dissoura episcopus</i>	Stork, white-necked	PFI
<i>Endocimus alba</i>	Ibis, white	BRP, CHC, PFI, RID
<i>Endocimus rubra</i>	Ibis, scarlet	BRP, CHC, PFI, RID
<i>Ibis leucocephalus</i>	Stork, painted	PFI
<i>Ixobrychus exilis</i>	Bittern, least	TOT
<i>Jabiru mycteria</i>	Jabiru	BRP, CHC, FRE, PFI, TAR
<i>Leptoptilus crumeniferus</i>	Stork, marabou	FRE, PFI, TOT
<i>Mycteria americana</i>	Ibis, American wood	CHC, FRE, PFI, RID, TOT
<i>Nycticorax nycticorax</i>	Heron, black-crowned night	RID
<i>Nycticorax violacea</i>	Heron, yellow-crowned night	BRP

CICONIIFORMES Continued

Species	Common Name	Code
<i>Pilherodius pileatus</i>	Heron, capped	BRP
<i>Platalea leucorodia</i>	Spoonbill, European	PFI
<i>Plegadis chihi</i>	Ibis, white-faced	PFI
<i>Plegadis falcinellus</i>	Ibis, glossy	BRP, CHC, FRE
<i>Pseudibis papillosa</i>	Ibis, black	PFI, RID
<i>Theristicus caudatus</i>	Ibis, buff-necked	PFI
<i>Threskiornis aethiopica</i>	Ibis, sacred	BRP, CHC, PFI, RED
<i>Tigrisoma lineatum</i>	Heron, banded tiger	BRP, CHC, PFI, TAR

PHOENICOPTERIFORMES

<i>Phoeniconaias minor</i>	Flamingo, lesser	RID
<i>Phoenicoparrus andinus</i>	Flamingo, Andean	RID
<i>Phoenicopterus chilensis</i>	Flamingo, Chilean	BRP, CHC, PFI
<i>Phoenicopterus ruber</i>	Flamingo, American	BRP, CHC, FRE, PFI, RID, TAR

ANSERIFORMES

<i>Aix galericulata</i>	Duck, Mandarin	BRP
<i>Aix sponsa</i>	Duck, North American wood	BRP
<i>Alopochen aegyptiacus</i>	Goose, Egyptian	BRP
<i>Anas acuta</i>	Duck, pintail	BRP
<i>Anas clypeata</i>	Duck, shoveler	BRP
<i>Anas cyanoptera</i>	Teal, cinnamon	BRP
<i>Anas platyrhynchos</i>	Duck, mallard	ADV, BRP, TOT, TRS
<i>Anhima cornuta</i>	Screamer, horned	BRP, CHC, FRE, PFI, RID
<i>Anser albifrons</i>	Goose, white-fronted	BRP, TOT
<i>Anser anas</i>	Goose, white Embden (and embryos)	ADV, THR, TRS, TRS
<i>Anser anas</i>	Goose, Chinese white	ADV, THR, TRS
<i>Branta canadensis</i>	Goose, Canadian	ADV, BRP, TOT, TRS
<i>Branta leucopsis</i>	Goose, barnacle	BRP
<i>Cairina moschata</i>	Duck, muscovy (and embryos)	THR, TRS, TRS
<i>Casarca ferruginea</i>	Sheldrake, ruddy	BRP
<i>Chauna chavaria</i>	Screamer, black-necked	BRP, CHC, PFI, RID, TAR
<i>Chauna torquata</i>	Screamer, crested	CHC, RID
<i>Chen caerulescens</i>	Goose, snow	BRP
<i>Coscoroba coscoroba</i>	Coscoroba	BRP
<i>Cygnus atratus</i>	Swan, black	BRP, PFI
<i>Cygnus columbianus</i>	Swan, white	FRE
<i>Cygnus c. cygnus</i>	Whooper	BRP
<i>Cygnus melanocoryphus</i>	Swan, black-necked	BRP, CHC
<i>Cygnus olor</i>	Swan, white mute	BRP, CHC
<i>Dendrocygna bicolor</i>	Duck, fulvous tree	PFI
<i>Plectropterus gambensis</i>	Goose, African spur-winged	ADV, THR
<i>Psophia viridis</i>	Trumpeter, green-winged (and embryos)	GOK, THR, TRS, TRS
	Not designated:	
	Ducks, pygmy call	TOT
	Duck, white Pekin	TOT
	Goose	BRK
	Goose, gray toulouse	THR
	Goose, pilgrim	ADV
	Swan	ALI

FALCONIFORMES

Species	Common Name	Code
<i>Accipiter cooperii</i>	Hawk, Cooper's	BRP
<i>Accipiter superciliosus</i>	Hawk, tiny	BRP
<i>Accipiter trivirgatus</i>	Goshawk, crested	PFI
<i>Aquila rapax</i>	Eagle, tawny	CHC
<i>Aviceda leuphotes</i>	Hawk, black-crested lizard	PFI
<i>Buteo brachyurus</i>	Hawk, short-tailed	BRP
<i>Buteo jamaicensis</i>	Hawk, red-tailed	BRP
<i>Buteogallus anthracinus</i>	Hawk, common black	BRP
<i>Buteo magnirostris</i>	Hawk, roadside	BRP, CHC, PFI, TOT
<i>Busarellus nigricollis</i>	Hawk, black-collared	BRP, PFI
<i>Buteogallus urubitinga</i>	Hawk, great black	BRP
<i>Caracara cheriway</i>	Caracara, crested	BRP, PFI, TOT
<i>Caracara sp.</i>	Caracara	CHC, RID, TAR
<i>Cathartes aura</i>	Vulture, turkey	BRP
<i>Coragyps atratus</i>	Vulture, black	BRP, TOT
<i>Daptrius americanus</i>	Caracara, red-throated	TOT
<i>Geranospiza nigra</i>	Hawk, crane or frog	TOT
<i>Herpia harpyja</i>	Eagle, harpy	BRP, PFI, TAR
<i>Herpetotheres cachinnans</i>	Falcon, laughing	BRP
<i>Heterospizias meridionalis</i>	Hawk, Savannah	BRP
<i>Leucopternis princeps</i>	Hawk, barred	BRP
<i>Micrastur gilvicollis</i>	Falcon, lined forest	PFI
<i>Micrastur ruficollis</i>	Falcon, barred forest	BRP
<i>Micrastur semitorquatus</i>	Falcon, collared forest	BRP
<i>Microhierax caerulescens</i>	Falconet, red-thighed	BRP, FRE
<i>Microhierax sp.</i>	Falconet, pygmy	CHC
<i>Milvus migrans</i>	Kite, pariah	CHC, PFI
<i>Morphnus guianensis</i>	Eagle, crested	PFI
<i>Sagittarius serpentarius</i>	Secretary bird	FRE, PFI, RID
<i>Sarcorhamphus papa</i>	Vulture, king	BRP, CHC, TAR
<i>Spilornis cheela</i>	Eagle, crested serpent	PFI, TOT
<i>Spizaetus ornatus</i>	Eagle, ornate hawk	BRP, PFI
<i>Spizaetus tyrannus</i>	Eagle, black	BRP
<i>Terathopus ecaudatus</i>	Eagle, bateleur	BRP, CHC, FRE, PFI
<i>Vultur gryphus</i>	Condor, Andean	BRP, CHC, PFI, RID
	Not designated:	
	Eagle	ALI
	Falcon, South American	CHC
	Hawk, South American	CHC
	Kite, slender bill	TOT

GALLIFORMES

<i>Acryllium vulturinum</i>	Fowl, vulturine guinea (and embryos)	RID, TRS TRS
<i>Agriocharis ocellata</i>	Turkey, trio ocellated	FRE
<i>Alectoris graeca</i>	Chukar	BRP
<i>Alectoris rufa</i>	Partridge, red-legged	BRP
<i>Bambusicola thoracica</i>	Partridge, Chinese bamboo	BRP
<i>Chamaepetes goudotii</i>	Guan, sickle-winged	TOT
<i>Chrysolophus amherstiae</i>	Pheasant, Lady Amherst	BRP, CHC, RED, TOT
<i>Chrysolophus pictus</i>	Pheasant, golden	BRP, CHC, RED
<i>Colinus virginianus</i>	Quail, bobwhite	BRP, PAR, TRS
<i>Coturnix coturnix</i>	Coturnix	BRP, CRO, RED, TRS
<i>Crax sp.</i>	Currasow	TAR
<i>Gennaues nyctemerus</i>	Pheasant, silver	BRP
<i>Guttera sp.</i>	Guinea, crested	RID

GALLIFORMES Continued

Species	Common Name	Code
<i>Lophophorus impejanus</i>	Pheasant, impeyan	BRP, RED
<i>Lophortyx gambelii</i>	Quail, Gambel's	BRP
<i>Lophortyx californicus</i>	Quail, California	BRP
<i>Lophura diardi</i>	Pheasant, Siamese crested fireback	BRP
<i>Lophura nycthemera</i>	Pheasant, silver	RED, TOT
<i>Mitu mitu</i>	Curassow, great razor-billed	TAR
<i>Numida meleagris</i>	Guinea hen, common	RED, RID, THR
<i>Ortalis vetula</i>	Chachalaca, plain	TOT
<i>Ortalis wagleri</i>	Chachalaca, rufous-bellied	BRP
<i>Pavo cristatus</i>	Peafowl	BRP, CHC, RED, TOT, TRS
<i>Penelope purpurascens</i>	Guan, white-crested	BRP, RID, TAR, TOT
<i>Phasianus colchicus</i>	Pheasant, ring-necked	ADV, BRP, RED, TRS
<i>Phasianus perdix</i>	Quail, chukar	RED, TRS
<i>Phasianus sp.</i>	Pheasant	STE
<i>Syrnaticus ellioti</i>	Pheasant, Elliot's	RED
<i>Syrnaticus reevesi</i>	Pheasant, Reeves'	BRP, RED
	Not designated:	
	Partridges	BRP
	Pheasants, white	TOT

GRUIFORMES

<i>Anthropoides paradisea</i>	Crane, Stanley	CHC, FRE, PFI, RID
<i>Anthropoides virgo</i>	Crane, demoiselle	BRP, FRE, PFI
<i>Aramides cajanea</i>	Rail, Cayenne wood	BRP, CHC, PFI
<i>Aramides ypecaha</i>	Rail, ypecaha wood	BRP
<i>Ardeotis kori</i>	Bustard, kori	PFI
<i>Balearica pavonia</i>	Crane, crowned	BRP, CHC, FRE, PFI, RID
<i>Balearica pavonina gibbericeps</i>	Crane, East African crowned	BRP
<i>Cariama cristata</i>	Cariama, crested	BRP, PFI
<i>Chunga burmeisteri</i>	Cariama, Burmeister's	BRP
<i>Eupodotis senegalensis</i>	Bustard, senegal	PFI
<i>Eurypyga helias</i>	Sun-bittern	CHC, PFI, TAR
<i>Grus antigone</i>	Crane, Sarus	BRP, FRE, PFI, RID
<i>Grus grus</i>	Crane, European	RID
<i>Laterallus leucopyrrhus</i>	Crane, red-and-white pygmy	PFI
<i>Lissotis melanogaster</i>	Bustard, black-bellied	PFI
<i>Psophia crepitans</i>	Trumpeter, common	CHC, FRE, PFI, TAR
<i>Psophia leucoptera</i>	Trumpeter, white-winged	BRP, CHC, PFI, RID, TAR
<i>Psophia viridis</i>	Trumpeter, green-winged	BRP, CHC

CHARADRIIFORMES

<i>Actophilornis africanus</i>	Jacana, African	RID
<i>Belonopterus chilensis</i>	Lapwing, southern	CHC, FRE, PFI
<i>Burhinus bistriatus</i>	Thick-knee, double-striped	FRE, PFI
<i>Burhinus superciliosus</i>	Thick-knee, South American	CHC
<i>Eudromia elegans</i>	Tinamou, crested	BRP
<i>Himantopus himantopus</i>	Stilt, South American black-necked	PFI
<i>Himantopus himantopus melanurus</i>	Stilt, Brazilian	BRP
<i>Hydrophasianus chirurgus</i>	Jacana, Indian pheasant-tailed	BRP
<i>Jacana jacana</i>	Jacana, wattled	BRP, PFI

CHARADRIIFORMES Continued

Species	Common Name	Code
<i>Jacana spinosa</i>	Jacana, American black	BRP, CHC, RID
<i>Larosterna inca</i>	Tern, Inca	CHC, FRE, PFI, RID
<i>Larus modestus</i>	Gull, grey	BRP
<i>Nothura maculosa</i>	Tinamou, spotted	BRP

COLUMBIFORMES

<i>Columba livia</i>	Pigeon, domestic	BRK, CZE, LEM, PAL, RID, ROC, STE, THR, TRS
<i>Goura scheepmakeri</i>	Pigeon, Scheepmaker's crowned	STE
<i>Peristerid luzonica</i>	Dove, bleeding heart	CHC, TOT
<i>Streptopelia sp.</i>	Dove, ring-necked	CHC, FRE, RID, THR, TOT
	Not designated:	
	Dove, green wing	TOT
	Dove, pearl-necked	TOT
	Dove, South American ground	TOT
	Dove, white sacred	TOT
	Dove, zebra	TOT
	Dove	BRP, RID, STE, THR
	Pigeon, Brazilian forest	TOT
	Pigeon, English carrier	BRP
	Pigeon, fan tail	BRP, TOT
	Pigeon, homing	BRP, CZE, THR
	Pigeon, Hungarian	BRP
	Pigeon, Jacobin	TOT
	Pigeon, king	BRP, PAL
	Pigeon, king, carneau	THR
	Pigeon, racing	BRP
	Pigeon, Rogers	MBF
	Pigeon, yellow-bellied fruit	CHC, FRE
	Pigeons, pouter, English, pygmy, Dutch, German	BRP
	Pigeon	CON, GOK, GUW, PAR, THR

PSITTACIFORMES

<i>Agapornis personata</i>	Lovebird, African black-masked	BRP
<i>Agapornis roseicollis</i>	Lovebird, African peach-faced	BRP, CHC
<i>Amazona aestiva</i>	Amazon, blue-fronted	BRP
<i>Amazona ochrocephala</i>	Parrot, yellow-headed	BRP, CHC, RID, TAR, TOT
<i>Anodorhynchus hyacinthomis</i>	Macaw, hyacinth	CHC
<i>Ara ambigu</i>	Macaw, greater green-winged	BRP
<i>Ara ararauna</i>	Macaw, blue and gold	BRP, CHC, RID, TAR
<i>Ara chloroptera</i>	Macaw, red and green	CHC, TAR
<i>Ara macao</i>	Macaw, scarlet	BRP, CHC, RID, TAR
<i>Ara militaris</i>	Macaw, military	BRP, RID
<i>Ara sp.</i>	Macaw	TOT
<i>Aratinga guarouba</i>	Conure, golden	BRP
<i>Aratinga jandaya</i>	Conure, yellow-headed	BRP
<i>Cacatua galerita</i>	Cockatoo, sulfur-crested	BRP

PSITTACIFORMES Continued

Species	Common Name	Code
<i>Cacatua leadbeateri</i>	Cockatoo, Leadbeater's	BRP
<i>Cacatua moluccensis</i>	Cockatoo, rose-crested	BRP
<i>Cacatua roseicapilla</i>	Cockatoo, rose-breasted or Galah	BRP
<i>Cacatua sanguinea</i>	Cockatoo, bare-eyed	BRP
<i>Cyanoliseus patagonus</i>	Conure, Patagonian	BRP
<i>Eupsittula canicularis</i>	Parrot, half moon	CHC
<i>Forpus vividus</i>	Parrotlet, blue-winged	BRP
<i>Leptolophus hollandicus</i>	Cockatiel	CHC, TOT
<i>Loriculus sp.</i>	Parakeet, hanging	TOT
<i>Lorius domicella</i>	Lory, black-capped	BRP
<i>Melopsittacus undulatus</i>	Budgerigar	BRP, ZOO
<i>Nymphicus hollandicus</i>	Cockatiel	BRP
<i>Pionopsitta barrabandi</i>	Parrot, orange-cheeked	BRP
<i>Poicephalus gulielmi</i>	Parrot, red-headed	RID, TAR, TOT
<i>Psittacula cyanocephala</i>	Parakeet, blossom-headed	BRP
<i>Psittacula krameri</i>	Parakeet, ring-necked	BRP
<i>Psittacus erithacus</i>	Parrot, African gray	BRP, RID
<i>Probosciger aterrimus</i>	Cockatoo, great black palm	BRP
<i>Trichoglossus haematodus moluccanus</i>	Lorikeet, blue mountain	BRP
	Not designated:	
	Bee Bee, yellow-fronted	TOT
	Conure, green	TOT
	Parakeet	BBC, NEA
	Parakeet, Swanson's	TOT
	Parrot	ALI, TAR, ZOO
	Parrot, slaty-headed	TOT

CUCULIFORMES

<i>Corythaixoides leucogaster</i>	Go-away bird	PFI
<i>Crinifer zonurus</i>	Plaintain eater, gray	CHC
<i>Gallirex porphyreolaphus</i>	Turaco, violet-crested	PFI
<i>Musophagidae</i>	Turaco or touracou	FRE
<i>Tauraco corythaix</i>	Turaco, Knysna	PFI
<i>Tauraco erythrolophus</i>	Turaco, Angola red-crested	PFI
<i>Tauraco hartlaubi</i>	Plaintain-eater, blue-crested	RID
<i>Tauraco leucephus</i>	Turaco, white-crested	CHC, PFI, RID
<i>Tauraco sp.</i>	Turaco	RID
<i>Turacus leucotis donaldsoni</i>	Turaco, Donaldson's	BRP

STRIGIFORMES

<i>Aegolius acadicus</i>	Owl, saw-whet	WHI
<i>Asio clamator</i>	Owl, striped	BRP
<i>Bubo virginianus</i>	Owl, great horned	BRP, STE, TOT, WHI
<i>Cicciba virgata</i>	Owl, mottled	BRP
<i>Ketupa sp.</i>	Owl, Oriental fish	TOT
<i>Nyctea scandiaca</i>	Owl, snowy	WHI
<i>Otus asio</i>	Owl, screech	BRP, WHI
<i>Otus guatemalae</i>	Owl, vermiculated screech	BRP
<i>Pulsatrix perspicillata</i>	Owl, spectacled	BRP, CHC
<i>Scotopelia sp.</i>	Owl, African fish	TOT
<i>Speotyto cunicularia</i>	Owl, burrowing	BRP
<i>Strix varia</i>	Owl, barn hoot	BRP, WHI
<i>Tyto alba</i>	Owl, common barn	BRP, CHC

APODIFORMES

Species	Common Name	Code
<i>Agelaiocercus coelestis</i>	Hummingbird, Gould's heavenly sylph	CHC
<i>Colibri coruscans</i>	Hummingbird, Gould's violet-eared	CHC
<i>Patagona gigas</i>	Hummingbird, giant	CHC

TROGONIFORMES

<i>Pharomachrus mocino</i>	Quetzal	BRP, CHC, RID
<i>Pharomachrus pavonius</i>	Quetzal, Pavonine	PFI
<i>Pharomachrus pavonius auriceps</i>	Quetzal, Pavonine East Andean	BRP
<i>Trogon collaris</i>	Trogon, collared	BRP
<i>Trogon comptus</i>	Trogon, blue-tailed	BRP
<i>Trogon curucui</i>	Trogon, blue-crowned	BRP
<i>Trogon violaceus</i>	Trogon, violaceous	BRP

CORACIIFORMES

<i>Aceros undulatus</i>	Hornbill, Malayan wreathed	BRP, PFI
<i>Anorrhinus galeritus</i>	Hornbill, bushy-crested	PFI
<i>Anthracoscerus coronata</i>	Hornbill, Malabar pied	BRP, PFI
<i>Baryphthengus ruficapillus</i>	Motmot, rufous	BRP, PFI
<i>Berenicornis comatus</i>	Hornbill, white-crested	BRP, PFI
<i>Buceros bicornis</i>	Hornbill, concave-casqued	BRP, PFI
<i>Bucorvus abyssinicus</i>	Hornbill, Abyssinian ground	BRP, PFI
<i>Bucorvus leadbeateri</i>	Hornbill, ground	CHC, FRE
<i>Bycanistes subcylindricus</i>	Hornbill, casqued	CHC, FRE
<i>Chloroceryle amazona</i>	Kingfisher, Amazon	BRP
<i>Chloroceryle americana</i>	Kingfisher, green	RID
<i>Coracias benghalensis</i>	Roller, Indian blue	PFI
<i>Dacelo gigas</i>	Kookaburra, laughing	BRP
<i>Euomota superciliosa</i>	Motmot, turquoise	BRP
<i>Halcyon chloris</i>	Kingfisher, white-collared	PFI
<i>Halcyon pileata</i>	Kingfisher, black-capped	PFI
<i>Halcyon smyrnensis</i>	Kingfisher, white-breasted	PFI
<i>Momotus momota</i>	Motmot, blue-crowned	BRP, CHC, FRE, PFI, RID
<i>Pelargopsis capensis</i>	Kingfisher, Indian stork-billed	CHC, PFI
<i>Penelopides panini</i>	Hornbill, Tarrictic	PFI
<i>Tockus erythrorhynchus</i>	Hornbill, red-billed	PFI
<i>Tockus flavirostris</i>	Hornbill, yellow-billed	PFI
<i>Tockus nasutus</i>	Hornbill, grey	PFI
<i>Upupa epops</i>	Hoopoe	BRP, PFI

PICIFORMES

<i>Andigena hypoglauca</i>	Toucan, gray-breasted mountain	PFI
<i>Andigena laminirostris</i>	Toucan, laminated-billed	BRP
<i>Aulacorhynchus haematopygius</i>	Toucanette, green, red-rumped	BRP, CHC
<i>Aulacorhynchus prasinus</i>	Toucan, emerald	BRP, CHC, FRE, PFI, RID
<i>Capito aurovirens</i>	Barbet, crimson crowned	PFI

PICIFORMES Continued

Species	Common Name	Code
Capitonidae sp.	Barbet	FRE
Chrysomitris punctigula	Woodpecker, spot-breasted	BRP
Eubucco bourieii	Barbet, red-headed	PFI
Lybius leucocephalus	Barbet, white-headed	RID
Megalaima asiatica	Barbet, blue-throated	CHC, PFI
Megalaima haemacephala	Barbet, crimson-breasted	PFI
Megalaima virens	Barbet, great Himalayan	PFI
Megalaima zeylanica	Barbet, lineated	PFI
Piculus leucolaemus	Woodpecker, white-throated	BRP
Piculus rivolii	Woodpecker, crimson-backed	BRP
Piculus rubiginosus	Woodpecker, golden-olive	BRP
Pteroglossus beauharnaesii	Aracari, curly-headed	CHC, FRE, PFI, RID, TAR
Pteroglossus bitorquatus	Aracari, double-collared	BRP
Pteroglossus castanotis	Aracari, chestnut-eared	BRP, PFI
Pteroglossus flavirostris	Aracari, ivory-billed	BRP, PFI
Pteroglossus inscriptus	Aracari, lettered	BRP, PFI
Pteroglossus torquatus	Aracari, collared	BRP, CHC, PFI, TAR
Pteroglossus viridis	Aracari, green	BRP
Ramphastos ariel	Toucan, Ariel	PFI
Ramphastos cuvieri	Toucan, Cuvier's	BRP, CHC, TAR
Ramphastos dicolorus	Toucan, red-breasted, "green-billed"	PFI
Ramphastos sulfuratus	Toucan, keel-billed	BRP, CHC, FRE, PFI, RID, TAR
Ramphastos swainsoni	Toucan, Swainson's	BRP, CHC, PFI
Ramphastos toco	Toucan, toco	BRP, CHC, FRE, PFI, RID, TAR, ZOF
Ramphastos vitellinus	Toucan, white-breasted	BRP, CHC, PFI, RID, TAR
Ramphastos vitellinus ariel	Ariel	BRP
Ramphastos tucanus	Toucan, white-throated	BRP, PFI
Selenidera sp.	Toucanette	RID
Semnornis ramphastinus	Barbet, toucan	CHC, PFI
Tricholaema diadematum	Barbet, red-fronted	RID

PASSERIFORMES

Acridotheres tristis	Mynah bird	CHC
Agelaius icterocephalus	Marsh bird, yellow-headed	CHC
Amaurina sp.	Finch, red	CHC
Batlinda ruficauda	Finch, star	ZOF
Calyptomena viridis	Broadbill, lesser green	PFI
Carduelis spinus	Siskin, European	BRP
Cephalopterus ornatus	Bird, ornate umbrella	BRP, PFI, RID
Chlorophanes spiza	Honeycreeper, green	BRP
Chlorophonia occipitalis	Chlorophonia, blue-crowned	BRP, CHC
Chlorophonia pyrrhophrys	Chlorophonia, chestnut-bellied	PFI
Chloropsis aurifrons	Oriole, black-headed	PFI
Coccothraupis nigrogularis	Cardinal, black-throated	PFI
Contopus rufus	Honeycreeper, rufous- browed conebill	BRP
Corvus brachyrhynchos	Crow, common	BRP
Corvus corax	Raven	BRP
Cyanerpes cyaneus	Honeycreeper, yellow-legged	BRP, CHC
Cyanerpes cyaneus	Honeycreeper, blue	BRP, CHC, PFI
Cyanocitta cristata	Bluejay, American	TOI
Cyanocorax yncas	Jay, California black-chested	PFI

PASSERIFORMES Continued

Species	Common Name	Code
<i>Cyanocorax chrysops</i>	Jay, Urraca	PFI
<i>Cyanocorax violaceus</i>	Jay, violaceous	BRP, PFI
<i>Cyanocorax yncas</i>	Jay, green	BRP, PFI
<i>Cyanolyca turcosa</i>	Jay, turquoise	BRP
<i>Cyanolyca viridicyana</i>	Jay, collared	BRP
<i>Dacnis lineata</i>	Honeycreeper, black-faced dacnis	BRP
<i>Erythrura tithys</i>	Finch, blue-faced parrot	BRP
<i>Estrilda melodia</i>	Waxbill, orange-cheeked	CHC
<i>Estrilda subla</i>	Waxbill, gold-breasted	CHC
<i>Exanthous yncas</i>	Jay, Colombian green	CHC, TAR
<i>Garrulax leucolophus</i>	Thrush, white-crested laughing	PFI
<i>Gracula religiosa</i>	Mynah, greater Indian hill	BRP, CHC, PFI
<i>Gracula religiosa robusta</i>	Myna, Sumatran hill	ZOF
<i>Guarrulax leucolophus</i>	Thrush, white-crested	BRP
<i>Gymnostinops montezuma</i>	Oropendola, Montezuma	BRP, CHC, FRE, TAR
<i>Icteridae</i> sp.	Blackbird, South American	TOT
<i>Icterus icterus</i>	Troupial	CHC, PFI, TAR
<i>Irena puella</i>	Bluebird, fairy	BRP, CHC, PFI
<i>Kittacincta malabarica</i>	Thrush, white-rumped shama	BRP
<i>Lipaugus vociferans</i>	Cotinga, common gray	RID
<i>Minos coronatus</i>	Mynah, golden-crested	BRP, PFI
<i>Oriolus tenuirostris</i>	Oriole, slender-billed	PFI
<i>Oriolus xanthornus</i>	Oriole, black-headed	PFI
<i>Padda oryzivora</i>	Sparrow, Java	ZOF
<i>Paroaria cucullata</i>	Cardinal, Brazilian	BRP
<i>Paroaria dominicana</i>	Cardinal, Pope	BRP
<i>Passer domesticus</i>	Sparrow, English	LEM, STE
<i>Pitta moluccensis</i>	Pitta, blue-winged	PFI
<i>Poephila cincta</i>	Finch, parson	ZOF
<i>Poephila gouldiae</i>	Finch, Gouldian	BRP
<i>Poephila mirabilis</i>	Finch, Lady Gouldian	ZOF
<i>Procnias nudicollis</i>	Bell bird, bare-throated	BRP, CHC, PFI
<i>Psarocolius decumanus</i>	Oropendola, crested	PFI
<i>Pycnonotus aurigaster</i>	Bulbul, golden-vented	BRP
<i>Pycnonotus cafer</i>	Bulbul, red-vented	BRP
<i>Pycnonotus goiavier</i>	Bulbul, yellow-vented	BRP
<i>Pyroderus scutatus</i>	Crow, red-ruffed fruit	PFI
<i>Zyromelana orix</i>	Finch, red bishop	BRP
<i>Ramphocelus brasiliensis</i>	Scarlet, Brazilian	BRP
<i>Ramphocelus carbo</i>	Tanager, silver-beaked	CHC, PFI
<i>Ramphocelus icteronotus</i>	Tanager, yellow-rumped	CHC, RID
<i>Ramphocelus nigrogularis</i>	Tanager, masked crimson	PFI
<i>Ramphocelus passerini</i>	Tanager, scarlet-rumped	CHC, RID
<i>Rupicola peruviana</i>	Cock-of-the-rock, scarlet	BRP, CHC, PFI, RID
<i>Rupicola peruviana aequatorialis</i>	Cock-of-the-rock, apricot	BRP
<i>Rupicola rupicola</i>	Cock-of-the-rock	BRP, CHC, FRE
<i>Sarcops calvus</i>	Mynah, Coletc	PFI
<i>Serinus canarius</i>	Canary, domestic	NEA, TRE, ZOF
<i>Sicalis flaveola</i>	Finch, saffron	CHC
<i>Spinus cucullatus</i>	Siskin, hooded	BRP
<i>Spinus tristis</i>	Goldfinch, American	BRP
<i>Sturnella militaris</i>	Starling, military	CHC
<i>Tanagra elegantissima</i>	Tanager, blue-hooded	BRP
<i>Turdus nudigenis</i>	Robin, bare-eyed	FRE
<i>Uraeginthus bengalensis</i>	Finch, Cordon blue	BRP

PASSERIFORMES Continued

Species	Common Name	Code
<i>Urocissa erythrorhyncha</i>	Maggie, red-billed blue	CHC, PFI
<i>Zarhynchus wagleri</i>	Oropendola, chestnut-headed	BRP
	Wagler's	
	Not designated:	
	Jay, Inca	FRE, TAR
	Jay, pega	CHC, FRE
	Jay, South American	TOT
	Tanager	FRE
	Finch	TRE
	Bulbul	TRE
	Thrush, shama	TRE
	Robin, Pekin	TRE
	Jay, laughing	TRE
	Barbet	TRE
	Not designated	ZOO

MAMMALIA

MARSUPIALIA

<i>Caluromys lanatus</i>	Opossum, woolly	BRP, CHC, PFI, RID, TAR
<i>Didelphis marsupialis</i>	Opossum, American	BRK, CHC, GOK, HAI, PFI, RID, ROC, TAR, TOT, ZOO
<i>Didelphis virginiana</i>	Opossum, large American	BRP
<i>Distoechurus pennatus</i>	Phalanger, pen-tailed	TOT
<i>Lagostrophus fasciatus</i>	Wallaby, banded hare	ZOF
<i>Lutreolina carssicaudata</i>	Opossum, little water	BRP
<i>Macropus</i> sp.	Kangaroo	ZOO
<i>Marmosa cinerea</i>	Opossum, murine	CHC, FRE, RID, TAR
<i>Marmosa mitis</i>	Opossum, mouse	PFI
<i>Marmosa</i> sp.	Opossum, South American mouse	BRP, CHC, RID, TOT, ZOO
<i>Metachirus nudicaudatus</i>	Opossum, four-eyed	CHC, FRE, RID, TAR, ZOO
<i>Monodelphis brevicaudata</i>	Opossum, short bare-tailed	BRP
<i>Philander opossum</i>	Opossum, gray "four-eyed"	BRP, PFI
<i>Protemnodon agilis</i>	Wallaby	BRP
<i>Protemnodon eugeni</i>	Wallaby, Parma	ZOF
<i>Thylogale stigmatica</i>	Wallaby, red-legged scrub	BRP
<i>Trichosurus vulpecula</i>	Phalanger, vulpine	PFI, ZOF
<i>Wallabia bicolor</i>	Wallaby, swamp	PFI
<i>Wallabia eugenia</i>	Wallaby, tamar	PFI

NOTE: Asterisks indicate animals designated as rare and endangered species in the Survival Service Commission's Red Data Book published by the International Union for the Conservation of Nature and Natural Resources (Volume I, Mammalia, 1966, with additions to January, 1968); or in "Endangered Species of Native Fish and Wildlife" published by the U. S. Department of the Interior, February 24, 1967.

INSECTIVORA

Species	Common Name	Cod.
<i>Erinaceus europaeus</i>	Hedgehog, Eurasian	CHC, FRE, INT, RID, ZEE, ZOO
<i>Erinaceus hindei</i>	Hedgehog, East African	RID
<i>Erinaceus pruneri hindei</i>	Hedgehog, African	INT
<i>Hemiechinus auritus collaris</i>	Hedgehog, Pakistan	INT
<i>Hemiechinus</i> sp.	Hedgehog, Pakistan	CHC, PFI, ZOO
<i>Paraechinus</i> sp.	Hedgehog, Asiatic	PFI
* <i>Solenodon paradoxus</i>	Solenodon	ZEE
<i>Suncus</i> sp.	Shrew, musk	ZOO
<i>Talpiae klossi</i>	Mole	EXO
	Not designated:	
	Shrews, North American	ZOO

DERMOPTERA

<i>Cynocephalus</i> sp.	Lemur, flying	ZOO
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CHIROPTERA

<i>Artibeus</i> sp.	Bat, Mexican fruit	ZOO
<i>Desmodus rotunda</i>	Bat, vampire	ZOO
<i>Eptesicus fuscus</i>	Bat, big brown	ZOO
<i>Myotis lucifugus</i>	Bat, little brown	STE, ZOO
<i>Pteropus vampyrus</i>	"Fox", flying, or fruit bat	ZOF

PRIMATES

Species	Common Name	Country of Origin	Code
<i>Tupauidae</i>			
<i>Anathana ellioti</i>	Tree shrew, Indian		BRP
<i>Tupaia glis</i>	Tree shrew	Bangkok, Thailand	PFI, WAC, ZOF
<i>Tupaia glis</i>	Tree shrew	Isthmus of Kra, Thailand	PRM
<i>Tupaia glis</i>	Tree shrew	Southeast Asia	EXO, RID, WAC, ZOO
<i>Tupaia glis</i>	Tree shrew	Thailand	CHC, HAT, HTE, INT
<i>Lemuridae</i>			
<i>Lemur catta</i>	Lemur, ring-tailed	Madagascar	BRP, INT, RID
<i>Lemur fulvus</i>	Lemur, brown	Madagascar	INT
* <i>Lemur macaco</i>	Lemur, cooimba (black)	Madagascar	BRP, INT
* <i>Lemur mongoz</i>	Lemur, mongoose	Madagascar	RID
	Lemur, not designated	Madagascar	ZEE

Lorisidae

Species	Common Name	Country of Origin	Code
<i>Arctocebus calabarensis</i>	Angwantibo		RID
<i>Galago crassicaudatus</i>	Galago, greater or thick-tailed	Kenya; East Africa	CHC, INT
<i>Galago crassicaudatus</i>	Galago, greater or thick-tailed	Zanzibar, Tanzania	PRM
<i>Galago crassicaudatus</i>	Galago, greater or thick-tailed		FRE
<i>Galago demidovii</i>	Galago, dwarf	Dahomey; West Africa	CHC
<i>Galago demidovii</i>	Galago, dwarf	West Africa	INT
<i>Galago senegalensis</i>	Galago, lesser (also bushbaby)	Kenya; East Africa	CHC
<i>Galago senegalensis</i>	Galago, lesser (also bushbaby)	Northeast Africa	INT
<i>Galago senegalensis</i>	Galago, lesser (also bushbaby)	Sierra Leone or Liberia	PFI
<i>Galago senegalensis</i>	Galago, lesser (also bushbaby)	Africa	TOT, ZOO
<i>Galago sp.</i>	Galago, bushbaby		RID
<i>Loris tardigradus</i>	Loris, slender	Asia	INT, ZOO
<i>Nycticebus coucang</i>	Loris, slow	Asia	BRP, FRE, RID, TOT, WAC, ZOF, ZOO
<i>Nycticebus coucang</i>	Loris, slow	Bangkok, Thailand	PFI
<i>Nycticebus coucang</i>	Loris, slow	Isthmus of Kra, Thailand	PRM
<i>Nycticebus coucang</i>	Loris, slow	Thailand; Malay Peninsula; Sumatra	INT
<i>Nycticebus coucang</i>	Loris, slow	Thailand	CHC
<i>Perodicticus potto</i>	Potto	Sierra Leone or Liberia	PFI
<i>Perodicticus potto</i>	Potto	West Africa	CHC, INT, RID, ZOO

Callitrichidae

<i>Callimico goeldii</i>	Marmoset, Goeldi's	Iquitos, Peru	CHC, PFI, RID
<i>Callithrix argentata</i>	Marmoset, black-tailed silvery	Brazil	CHC, RID, TAR
<i>Callithrix aurita</i>	Marmoset, white-eared	Brazil	CHC, TAR
<i>Callithrix chrysouleuca</i>	Marmoset, silky	Brazil	RID, TAR
<i>Callithrix jacchus</i>	Marmoset, common	Brazil	EXO, TRE, RID, WAC
<i>Callithrix penicillata</i>	Marmoset, black-plumed	Brazil	FRE, RID
<i>Callithrix sp.</i>	Marmoset	Brazil	FRE, SHA, TRE
<i>Cebuella pygmaea</i>	Marmoset, pygmy	Colombia	INT
<i>Cebuella pygmaea</i>	Marmoset, pygmy	Leticia, Colombia	TAR
<i>Cebuella pygmaea</i>	Marmoset, pygmy	Iquitos, Peru	CHC, PFI
<i>Cebuella pygmaea</i>	Marmoset, pygmy	South America	BRP, HAT, HTE, RID, ZOO
<i>Saguinus fuscicollis</i>	Tamarin, saddle-backed	Iquitos, Peru	CHC, PFI
<i>Saguinus fuscicollis</i> (S. illigeri)	Tamarin, saddle-backed	Leticia, Colombia	TAR
<i>Saguinus leucopus</i>	Tamarin, white-footed	Leticia, Colombia	TAR
<i>Saguinus mystax</i>	Tamarin, white-moustached	Iquitos, Peru	PFI
<i>Saguinus mystax</i>	Tamarin, white-moustached	Leticia, Colombia	TAR

Callitrichidae Continued

Species	Common Name	Country of Origin	Code
<i>Saguinus mystax</i>	Tamarin, white-moustached		WAC
<i>Saguinus nigricollis</i>	Tamarin, moustached	Leticia, Colombia	TAR
<i>Saguinus nigricollis</i>	Tamarin, moustached	Peru	CHC, INT
<i>Saguinus nigricollis</i>	Tamarin, moustached	South America	BRP, HAT, HTE, WAC
<i>Saguinus oedipus</i>	Pinche, cottontop	Northern Colombia	BRP, CHC, HAT, HTE, INT, PFI, RID, SHA, TAR, ZOO
<i>Cebidae</i>			
<i>Alouatta seniculus</i>	Monkey, red howler	Colombia	CHC
<i>Alouatta seniculus</i>	Monkey, red howler	Peru or Colombia	PFI
<i>Alouatta seniculus</i>	Monkey, red howler	South America	INT
<i>Alouatta seniculus</i>	Monkey, red howler	Leticia, Colombia	TAR
<i>Alouatta villosa</i> (=A. palliata)	Monkey, mantled howler	Honduras	CHC
<i>Alouatta villosa</i>	Monkey, mantled howler	Managua, Nicaragua	PFI
<i>Alouatta sp.</i>	Monkey, howler		BRP, RID, ZOO
<i>Aotus trivirgatus</i>	Douroucouli, night monkey	Barranquilla and Leticia, Colombia	TAR
<i>Aotus trivirgatus</i>	Douroucouli, night monkey	Barranquilla, Colombia or Iquitos, Peru	PFI
<i>Aotus trivirgatus</i>	Douroucouli, night monkey	Peru	CHC
<i>Aotus trivirgatus</i>	Douroucouli, night monkey	South America	BRP, FRE, HAT, HTE, INT, SHA, TRE, WAC, ZOO
<i>Ateles b.belzebuth</i>	Monkey, white-bellied spider	Iquitos, Peru	PFI
<i>Ateles b.belzebuth</i>	Monkey, black variegated spider	Colombia	CHC
<i>Ateles b.belzebuth</i>	Monkey, black variegated spider	Leticia and Barranquilla, Colombia	TAR
<i>Ateles b. hybridus</i>	Monkey, brown spider	Barranquilla, Colombia	PFI
<i>Ateles fusciceps</i>	Monkey, grey spider	Barranquilla, Colombia	TAR
<i>Ateles fusciceps</i>	Monkey, grey spider	Colombia	CHC, RID, TOT, WAC
<i>Ateles geoffroyi</i>	Monkey, golden spider	Managua, Nicaragua	PFI
<i>Ateles paniscus</i>	Monkey, black spider	Leticia, Colombia	TAR
<i>Ateles paniscus</i>	Monkey, black spider	Iquitos, Peru	CHC, PFI, RID, WAC
<i>Ateles sp.</i>	Monkey, spider	Central and South America	BRP, CHC, FRE, HAT, HTE, INT, RID, SHA, TOT, TRE, WAC, ZOO
* <i>Cacajao rubicundus</i>	Uakari, red	Leticia, Colombia	TAR
* <i>Cacajao rubicundus</i>	Uakari, red	Iquitos, Peru	CHC, PFI
* <i>Cacajao rubicundus</i>	Uakari, red	South America	BRP, FRE, INT, ZOO

Cebidae Continued

Species	Common Name	Country of Origin	Code
<i>Callicebus moloch</i>	Monkey, dusky titi	Iquitos, Peru	PFI
<i>Callicebus moloch</i>	Monkey, dusky titi	South America	BRP, INT
<i>Callicebus sp.</i>	Monkey, titi	Leticia, Colombia	TAR
<i>Callicebus sp.</i>	Monkey, titi	Peru	CHC
<i>Cebus albifrons</i>	Monkey, cinnamon ringtail	Barranquilla and Leticia, Colombia	TAR
<i>Cebus albifrons</i>	Monkey, cinnamon ringtail	Barranquilla, Colombia	PFI
<i>Cebus albifrons</i>	Monkey, cinnamon ringtail	Peru, Colombia	CHC, WAC
<i>Cebus albifrons</i>	Monkey, cinnamon ringtail	South America	BRP, FRE, INT, RID, SHA, TOT, WAC
<i>Cebus apella</i>	Monkey, brown-tufted capuchin	Brazil	CHC
<i>Cebus apella</i>	Monkey, brown-tufted capuchin	Leticia, Colombia	TAR
<i>Cebus apella</i>	Monkey, brown-tufted capuchin	Paraguay	CHC
<i>Cebus apella</i>	Monkey, brown-tufted capuchin	Peru	CHC
<i>Cebus apella</i>	Monkey, brown-tufted capuchin	Peru, Colombia	WAC
<i>Cebus apella</i>	Monkey, brown-tufted capuchin	Iquitos, Peru	PFI
<i>Cebus apella</i>	Monkey, brown-tufted capuchin	South America	BRP, INT, SHA, TRE, WAC
<i>Cebus capucinus</i>	Monkey, white-throated capuchin	Honduras and Colombia	CHC
<i>Cebus capucinus</i>	Monkey, white-throated capuchin	Leticia, Colombia	TAR
<i>Cebus capucinus</i>	Monkey, white-throated capuchin	Managua, Nicaragua	PFI
<i>Cebus capucinus</i>	Monkey, white-throated capuchin	South America	BRP, INT, SHA, TRE, TOT, WAC, ZOF
<i>Cebus capucinus</i>	Monkey, white-throated capuchin	Guayaquil, Ecuador	EXO
<i>Cebus nigrivittatus</i> (= <i>C. griseus</i>)	Monkey, capuchin (weeper)		WAC
<i>Cebus sp.</i>	Monkey, capuchin (weeper)	South America	FRE, HAT, HTE, RID, TRE, ZOO
<i>Chiropotes satanas</i>	Saki, red-backed	South America	INT
<i>Lagothrix lagothricha</i>	Monkey, woolly	Leticia, Colombia	TAR
<i>Lagothrix lagothricha</i>	Monkey, woolly	Iquitos, Peru	CHC, PFI
<i>Lagothrix lagothricha</i>	Monkey, woolly	South America	BRP, FRE, SHA, TRE, WAC, ZOO
<i>Pithecia monachus</i>	Monkey, silver saki	Leticia, Colombia	TAR
<i>Pithecia monachus</i>	Monkey, silver saki	Iquitos, Peru	CHC, PFI
<i>Pithecia monachus</i>	Monkey, silver saki	South America	BRP, INT
<i>Pithecia sp.</i>	Saki		FRE, ZOO
<i>Saimiri sciureus</i>	Monkey, squirrel	Leticia, Colombia	TAR
<i>Saimiri sciureus</i>	Monkey, squirrel	Peru, Colombia	WAC

Cebidae Continued

Species	Common Name	Country of Origin	Code
<i>Saimiri sciureus</i>	Monkey, squirrel	Peru; Colombia; Brazil	CHC
<i>Saimiri sciureus</i>	Monkey, squirrel	Iquitos, Peru	PFI
<i>Saimiri sciureus</i>	Monkey, squirrel	South America	BEI, BRP, INT, RID, SHA, TRE, WAC, ZOO
<i>Saimiri sciureus</i>	Monkey, squirrel	Surinam; Brazil; Colombia; Ecuador	HAT, HTE
<i>Cercopithecidae</i>			
<i>Cercocebus albigena</i>	Mangabey, gray-cheeked		RID
<i>Cercocebus atys</i>	Mangabey, sooty	Liberia or Nigeria	PFI
<i>Cercocebus atys</i>	Mangabey, sooty	West Africa	CHC
<i>Cercocebus atys</i>	Mangabey, sooty		FRE, RID, SHA
<i>Cercocebus torquatus</i>	Mangabey, red-capped	West Africa	CHC
<i>Cercocebus torquatus</i>	Mangabey, red-capped		RID
<i>Cercocebus</i> sp.	Mangabey	Freetown, Sierra Leone	PRM
<i>Cercocebus</i> sp.	Mangabey	West Africa	HAT, HTE
<i>Cercocebus</i> sp.	Mangabey		SHA
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Africa	BRP, BUC, EXO, RID, SHA, TOT, WAC, ZEE
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Asmara, Ethiopia	PRM
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Cameroons	RFB
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Dakar, Senegal	PRM
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	East and West Africa	CHC
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Ethiopia	INT, JEJ
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Kenya	INT
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Kenya, or Highlands of Ethiopia	VAN
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Musoma, Tanzania	PRM
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Lagos, Nigeria	PFI
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	Somalia; Ethiopia, Kenya; Tanganyika	HAT, HTE
<i>Cercopithecus aethiops</i>	Guenon, Vervet, Grivet, Green	West Africa	INT
<i>Cercopithecus albogularis</i>	Guenon, Syke's monkey	East Africa	CHC
<i>Cercopithecus albogularis</i>	Guenon, Syke's monkey	Kenya	INT
<i>Cercopithecus albogularis</i>	Guenon, Syke's monkey	Somalia	HAT, HTE
<i>Cercopithecus albogularis</i>	Guenon, Syke's monkey		RID, SHA
<i>Cercopithecus ascanius</i>	Guenon, red-tail	Uganda	INT
<i>Cercopithecus ascanius</i>	Guenon, red-tail		RID
<i>Cercopithecus cephus</i>	Guenon, moustached	Cameroons	RFB
<i>Cercopithecus cephus</i>	Guenon, moustached		RID
<i>Cercopithecus diana</i>	Guenon, diana	Monrovia, Liberia, or Lagos, Nigeria	PFI
<i>Cercopithecus diana</i>	Guenon, diana	West Africa	BRP, CHC, RID

Cercopithecidae Continued

Species	Common Name	Country of Origin	Code
<i>Cercopithecus diana roloway</i>	Guenon, roloway		RID
<i>Cercopithecus hamlyni</i>	Guenon, Hamlyn's		RID
<i>Cercopithecus mitis stuhlmanni</i>	Guenon, Stuhlmann's blue	Northeast Africa	INT
<i>Cercopithecus mona</i>	Guenon, mona	Cameroons	RFB
<i>Cercopithecus mona</i>	Guenon, mona	Dahomey or Nigeria	PFI
<i>Cercopithecus mona</i>	Guenon, mona	West Africa	CHC
<i>Cercopithecus mona</i>	Guenon, mona		RID
<i>Cercopithecus neglectus</i>	Guenon, DeBrazza	Gabon	RFB
<i>Cercopithecus neglectus</i>	Guenon, DeBrazza	Northeast Africa	INT
<i>Cercopithecus nictitans</i>	Guenon, spot-nosed	East and West Africa	CHC
<i>Cercopithecus nictitans</i>	Guenon, spot-nosed		RID
<i>Cercopithecus petaurista</i>	Guenon, lesser spot-nosed		RID
<i>Cercopithecus erythrotis sclateri</i>	Guenon, Sclater's		RID
<i>Cercopithecus talapoin</i>	Guenon, talapoin	Spanish Guinea	PFI
<i>Cercopithecus talapoin</i>	Talapoin	Cameroons	JEJ
<i>Cercopithecus talapoin</i>	Talapoin	West Africa	BRP, CHC, RID
<i>Colobus guereza</i> (=C. abyssinicus)	Guereza, Mt. Elgon	Kenya	INT
* <i>Colobus badius</i>	Colobus, black and red	West Africa	INT
* <i>Colobus badius</i>	Colobus, black and red		RID
<i>Colobus polykomos</i>	Colobus, black and white	Africa	INT
<i>Colobus polykomos</i>	Colobus, black and white		RID
<i>Erythrocebus patas</i>	Monkey, patas	Dakar, Senegal	PRM
<i>Erythrocebus patas</i>	Monkey, patas	East Africa	INT
<i>Erythrocebus patas</i>	Monkey, patas	Lagos, Nigeria	PFI
<i>Erythrocebus patas</i>	Monkey, patas	Republic of Chad	VAN
<i>Erythrocebus patas</i>	Monkey, patas	West Africa	HAT, HTE, INT
<i>Erythrocebus patas</i>	Monkey, patas		BRP, FRE, RID, SHA, TOT, TRE
<i>Macaca arctoides</i> (=M. speciosa)	Macaque, stump-tailed	Isthmus of Kra, Thailand	PRM
<i>Macaca arctoides</i> (=M. speciosa)	Macaque, stump-tailed	Thailand	CHC, HAT, HTE, JEJ, VAN
<i>Macaca arctoides</i> (=M. speciosa)	Macaque, stump-tailed	Bangkok, Thailand	PFI, WAC
<i>Macaca arctoides</i> (=M. speciosa)	Macaque, stump-tailed	Thailand and India	INT
<i>Macaca arctoides</i> (=M. speciosa)	Macaque, stump-tailed		BRP, EXO, FRE, RID, SHA, TOT, WAC
<i>Macaca fascicularis</i> (=M. irus)	Macaque, crab-eating, cynamolgus, Java	East Indies	INT
<i>Macaca fascicularis</i> (=M. irus)	Macaque, crab-eating, cynamolgus, Java	Malaya	VAN
<i>Macaca fascicularis</i> (=M. irus)	Macaque, crab-eating, cynamolgus, Java	Northern Malaya and Mindanao, Philippines	PRM
<i>Macaca fascicularis</i> (=M. irus)	Macaque, crab-eating, cynamolgus, Java	Philippines	IRE
<i>Macaca fascicularis</i> (=M. irus)	Macaque, crab-eating, cynamolgus, Java	Manila, Philippines, Bangkok, Thailand	WAC
<i>Macaca fascicularis</i> (=M. irus)	Macaque, crab-eating, cynamolgus, Java	Thailand	CHC, JEJ

Cercopithecidae Continued

Species	Common Name	Country of Origin	Code
<i>Macaca fascicularis</i> (=M. irus)	Macaque, crab-eating, cynamolgus, Java	Bangkok, Thailand	PFI
<i>Macaca fascicularis</i> (=M. irus)	Macaque, crab-eating, cynamolgus, Java	Thailand; Malaysia; Philippines	HAT, HTE
<i>Macaca fascicularis</i> (=M. irus)	Macaque, crab-eating, cynamolgus, Java		BEI, BRP, SHA, WAC
<i>Macaca fuscata</i>	Macaque, Japanese		BRP
<i>Macaca maura</i>	Macaque, Moor	Malaysia; Celebes Island	CHC, RID, TOT
<i>Macaca mulatta</i>	Macaque, rhesus	Delhi, India	JEJ
<i>Macaca mulatta</i>	Macaque, rhesus	India	INT, PRM, VAN, VIT
<i>Macaca mulatta</i>	Macaque, rhesus	India, or Chittagong, East Pakistan	WWA
<i>Macaca mulatta</i>	Macaque, rhesus	New Delhi, India	WAC
<i>Macaca mulatta</i>	Macaque, rhesus	India and West Pakistan	HAT, HTE
<i>Macaca mulatta</i>	Macaque, rhesus	Pakistan and India	TRE
<i>Macaca mulatta</i>	Macaque, rhesus	Thailand	CHC
<i>Macaca mulatta</i>	Macaque, rhesus	Bangkok, Thailand	PFI
<i>Macaca mulatta</i>	Macaque, rhesus		BEI, BRP, EXO, FRE, RID, SHA, TOT, TRE, WAC, ZEE
<i>Macaca nemestrina</i>	Macaque, pig-tailed	Malaya	VAN
<i>Macaca nemestrina</i>	Macaque, pig-tailed	Southern Malaya	PRM
<i>Macaca nemestrina</i>	Macaque, pig-tailed	Thailand	CHC, JEJ
<i>Macaca nemestrina</i>	Macaque, pig-tailed	Bangkok, Thailand	PFI
<i>Macaca nemestrina</i>	Macaque, pig-tailed	Bangkok, Thailand; Kuala Lumpur, Malaysia	WAC
<i>Macaca nemestrina</i>	Macaque, pig-tailed	Thailand and Malaysia	HAT, HTE, BRP, FRE, RID, WAC, ZEE
<i>Macaca nemestrina</i>	Macaque, pig-tailed		
<i>Macaca radiata</i>	Macaque, bonneted	India	HAT, HTE, INT, JEJ, PRM, RID, SHA, VIT, WAC, ZEE RID
<i>Macaca silenus</i>	Macaque, lion-tailed, or Wanderoo		
<i>Macaca sylvanus</i>	Macaque, Barbary Ape	Algiers, Algeria	RFB
<i>Macaca sp.</i>	Monkey, macaque		EXO
<i>Mandrillus leucophaeus</i>	Drill		BRP, RID, RFB
<i>Mandrillus sphinx</i>	Mandrill	West Africa	BRP, CHC, FRE, RFB, RID
<i>Papio anubis</i> (=P. doguera)	Baboon, anubis or olive	Kenya and Tanzania	HAT, HTE, WAC
<i>Papio anubis</i> (=P. doguera)	Baboon, anubis or olive	Arusha and Musoma, Tanzania	PRM
<i>Papio anubis</i> (=P. doguera)	Baboon, anubis or olive	Cameroons	RFB
<i>Papio anubis</i> (=P. doguera)	Baboon, anubis or olive	East Africa	CHC, INT
<i>Papio anubis</i> (=P. doguera)	Baboon, anubis or olive	West Africa	CHC, INT
<i>Papio anubis</i> (=P. doguera)	Baboon, anubis or olive		RID, SHA, TRE, VAN, WAC, ZEE
<i>Papio cynocephalus</i>	Baboon, yellow	Africa	RID, SHA, VAN

Cercopithecidae Continued

Species	Common Name	Country of Origin	Code
<i>Papio hamadryas</i>	Baboon, hamadryas	Africa	BRP, BUC, FRE, INT, RID, SHA, TOT, TRE, VAN
<i>Papio hamadryas</i>	Baboon, hamadryas	Asmara, Ethiopia	PRM
<i>Papio hamadryas</i>	Baboon, hamadryas	Addis Ababa, Ethiopia	PFI
<i>Papio papio</i>	Baboon, Guinea	Dakar, Senegal	PRM
<i>Papio ursinus</i> (= <i>P. comatus</i>)	Baboon, Chacma		RID
<i>Papio</i> sp.	Baboon	Africa	BUC, JEJ
<i>Papio</i> sp.	Baboon	Somalia	HAT, HTE
<i>Presbytis cristata</i>	Langur, silver		INT
<i>Presbytis obscura</i>	Langur, spectacled		BRP, INT
<i>Presbytis</i> sp. (incl. <i>Semnopithecus</i>)	Langur	Thailand	CHC, PFI
<i>Presbytis</i> sp. (incl. <i>Semnopithecus</i>)	Langur		EXO, FRE, RID, ZOF
* <i>Pygathrix nemaeus</i>	Langur, Douc		BRP
<i>Theropithecus gelada</i>	Baboon, gelada	Ethiopia	CHC, HAT, HTE, INT, PFI, PRM, RID, SHA
	Monkeys, not designated	Khulna, East Pakistan	ALI
	Monkeys, not designated		BUC
<i>Pongidae</i>			
* <i>Gorilla gorilla</i>	Gorilla, lowland and mountain	Africa	EXO, FRE, TRE, VAN, ZEE
* <i>Gorilla gorilla</i>	Gorilla, lowland and mountain	Gabon	RFB
<i>Hylobates agilis</i>	Gibbon, agile or dark-handed	Bangkok, Thailand	WAC
<i>Hylobates hoolock</i>	Gibbon, hoolock		EXO
<i>Hylobates lar</i>	Gibbon, white-handed	Thailand	INT, JEJ
<i>Hylobates lar</i>	Gibbon, white-handed		RRP, PFI, RID, WAC
<i>Hylobates moloch</i>	Gibbon, silvery or wow-wow	Indonesia and Malaysia	INT
<i>Hylobates</i> sp.	Gibbon	Southern Malaya	PRM
<i>Hylobates</i> sp.	Gibbon	Thailand	CHC
<i>Hylobates</i> sp.	Gibbon		BRP, RID, TRE, ZEE
<i>Pan troglodytes</i>	Chimpanzee	Africa	TRE, VAN
<i>Pan troglodytes</i>	Chimpanzee	Dakar, Senegal; Freetown, Sierra Leone; Monrovia, Liberia	PRM
<i>Pan troglodytes</i>	Chimpanzee	Gabon	RFB
<i>Pan troglodytes</i>	Chimpanzee	Liberia or Nigeria	PFI
<i>Pan troglodytes</i>	Chimpanzee	Freetown, Sierra Leone	WAC
<i>Pan troglodytes</i>	Chimpanzee	West Africa	BRP, CHC, EXO, INT, JEJ, TRE, WAC, ZEE
* <i>Pongo pygmaeus</i>	Orangutan	Borneo and Sumatra	EXO, INT, TRE
<i>Symphalangus syndactylus</i>	Siamang	Malaysia	CHC, PFI
<i>Symphalangus syndactylus</i>	Siamang	Southeast Asia	BRP, INT, RID, TRE

EDENTATA

Species	Common Name	Code
<i>Bradypus</i> sp.	Sloth, three-toed	CHC, PFI
<i>Cabassous centralis</i>	Armadillo, naked-tailed	BRP
<i>Chaetophractus villosus</i>	Armadillo, hairy	BRP, CHC
<i>Chaetophractus</i> sp.	Armadillo, hairy	PFI
<i>Choloepus didactylus</i>	Sloth, two-toed	CHC, TAR
<i>Choloepus hoffmanni</i>	Sloth, skull or two-toed	PFI
<i>Cyclopes didactylus</i>	Anteater, silky or two-toed	PFI
<i>Dasypus novemcinctus</i>	Armadillo	BRP, CHC, PFI, RID, TAR, ZOO
<i>Echidna aculeata</i>	Anteater, spiny	ZEE
<i>Myrmecophaga tridactyla</i>	Anteater, giant	BRP, CHC, FRE, PFI, RID, TAR, ZOO
* <i>Priodontes giganteus</i>	Armadillo, giant	BRP
<i>Tamandua tetradactyla</i>	Anteater, lesser	BRP, CHC, PFI, TAR, ZOO
<i>Tolypeutes tricinctus</i>	Armadillo, three-banded	PFI

PHOLIDOTA

<i>Manis javanica</i>	Pangolin, Malayan	PFI, ZOF
<i>Manis tetradactyla</i>	Pangolin	CHC, TRE, ZEE
<i>Manis</i> sp.	Pangolin, Asian	RID, ZOO

LAGOMORPHA

<i>Lepus californicus</i>	Jack "rabbit"	RID
<i>Oryctolagus cuniculus</i>	Rabbit, see pages 5-8	
<i>Sylvilagus idahoensis</i>	Rabbit, little Idaho	BRP
<i>Sylvilagus</i> sp.	Rabbit, cottontail	RID

RODENTIA

<i>Allactaga</i> sp.	Jerboa, five-toed	PFI
<i>Ammospermophilus harrisi</i>	Squirrel, antelope ground	BRP
<i>Apodonta rufa</i>	Beaver, mountain or Sewellel	ZOO
<i>Atherurus africanus</i>	Porcupine, brush-tailed	RID
<i>Atherurus macrourus</i>	Porcupine, Asiatic brush-tailed	PFI
<i>Callospermophilus lateralis</i>	Squirrel, golden-mantled ground	ZOO
<i>Castor canadensis</i>	Beaver	RID, ZOO
<i>Cavia porcellus</i>	Guinea pigs, see pages 25-27	
<i>Chaetomys subspinosus</i>	Porcupine, thin-spined	BRP
* <i>Chinchilla lanigera</i>	Chinchilla, South American	RID, ZOO
<i>Citellus harrisi</i>	Squirrel, antelope ground	CHC, PET, RID
<i>Citellus lateralis</i>	Squirrel, golden-mantled ground	RID
<i>Citellus tereticaudus</i>	Squirrel, roundtail ground	CHC, PET, RID
<i>Citellus tridecelineatus</i>	Squirrel, 13-lined ground	BRP, CHC, RID
<i>Citellus variegatus</i>	Squirrel, rock	PET, RID
<i>Citellus</i> sp.	Squirrel, ground	WHI
<i>Coendou prehensilis</i>	Porcupine, prehensile-tailed	BRP, CHC, TAR, TOT, ZOO
<i>Coendou</i> sp.	Porcupine, South American tree	PFI
<i>Crateromys schadenbergi</i>	Rat, bush-tailed cloud	ZOO
<i>Cricetus cricetus</i>	Hamster, black-beilled	TOT

Species	Common Name	Code
<i>Cricetulus griseus</i>	Hamster, Chinese	CHI, SIN
<i>Cuniculus paca</i>	Paca	CHC, FRE, PFI, RID, TAR
<i>Cuniculus paca virgata</i>	Paca	BRP
<i>Cynomys ludovicianus</i>	Prairie dog, plains	BRP, RID, TOT
<i>Cynomys</i> sp.	Prairie dog	CHC, PFI, ZOO
<i>Dasyprocta aguti</i>	Agouti, golden	CHC, TAR, TOT
<i>Dasyprocta fuliginosa</i>	Agouti, common	CHC, RID, TAR, TOT
<i>Dasyprocta</i> sp.	Agouti	BRP, FRE, PFI, ZOO
<i>Dinomys branickii</i>	Paca, false, or pacarana	BRP
<i>Dipodomys merriami</i>	Rat, Merriam's kangaroo	PET, RID
<i>Dipodomys spectabilis</i>	Rat, bannertail kangaroo	PET, RID
<i>Dipodomys</i> sp.	Rat, kangaroo	PFI, RID, ZOO
<i>Dipus</i> sp.	Jerboa	RID, ZOO
<i>Dolichotis patagona</i>	Cavy, Patagonian	BRP, CHC, RID
<i>Erethizon dorsatum</i>	Porcupine, North American	BRP, RID, ZOO
<i>Funambulus tristriatus</i>	Squirrel, Asiatic striped palm	BRP
<i>Gerbillus gerbillus</i>	Gerbil	BRP, RID
<i>Gerbillus gleadowi</i>	Gerbil, red Afghan	PFI
<i>Glaucomys volans</i>	Squirrel, eastern flying	BRP, CHC, PFI, TAR, ZOO
<i>Glis glis</i>	Dormouse, common	ZOO
<i>Golunda ellioti</i>	Rat, Indian bush	CHC
<i>Hydrochoerus capybara</i>	Capybara	BRP, CHC, RID, TAR
<i>Hydrochoerus hydrochaeris</i>	Capybara, water hog	BRP, PFI, ZOO
<i>Hystrix cristata</i>	Porcupine, African crested	PFI
<i>Hystrix galeata</i>	Porcupine, African	BRP, TOT
<i>Hystrix indica</i>	Porcupine, Asiatic crested	PFI
<i>Hystrix</i> sp.	Porcupine, African crested	CHC, RID, ZOO
<i>Jaculus</i> sp.	Jerboa	PFI
<i>Kerodon rupestris</i>	Moco, rock cavy	BRP
<i>Lagidium viscaccia</i>	Viscacha, mountain	BRP
<i>Lagostomus maximus</i>	Viscacha, plains	BRP
<i>Lariscus insignis</i>	Squirrel, Malayan black-striped	TOT
<i>Marmota monax</i>	Woodchuck or marmot	BRP, RID, WHI, ZOO
<i>Menetes berdmorei</i>	Squirrel, Berdmore's palm	BRP
<i>Meriones</i> sp.	Jird	RID
<i>Mesocricetus auratus</i>	Hamster, see pages 23-24	
<i>Mus musculus</i>	Laboratory mouse, see pages 9-19	
<i>Myocastor coypus</i>	Nutria	BRP, CHC, RID
<i>Myoprocta acouchy</i>	Acushi	PFI
<i>Myoprocta</i> sp.	Agouti, tailed	BRP, CHC, TAR
<i>Neotama albigula</i>	Rat, white-throated pack	PET
<i>Ondatra zibethica</i>	Muskrat	LEM, RID
<i>Onychomys torridus</i>	Mouse, grasshopper	PET
<i>Perognathus amplus</i>	Pocket mouse, Arizona	PET
<i>Perognathus beileyi</i>	Pocket mouse, Bailey's	PET
<i>Perognathus penicillatus</i>	Pocket mouse, desert	PET
<i>Peromyscus boylei</i>	Mouse, brush	PET
<i>Peromyscus eremicus</i>	Mouse, cactus	PET
<i>Peromyscus maniculatus</i>	Mouse, deer	PET
<i>Peromyscus</i> sp.	Mouse, deer	ZOO
<i>Ratufa indica</i>	Squirrel, Indian giant	BRP, EXO, ZOO
<i>Rattus norvegicus</i>	Laboratory rat, see pages 19-22	
<i>Reithrodontomys megalotis</i>	Mouse, western harvest	PET
<i>Sciurus carolinensis</i>	Squirrel, eastern gray	TAR, TOT, ZOO
<i>Sciurus granaeensis</i>	Squirrel, red flame	PFI
<i>Sciurus niger</i>	Squirrel, fox	ZOO

RODENTIA Continued

Species	Common Name	Code
<i>Sciurus variegatoides</i>	Squirrel, Central American silver and brown	PFI
<i>Sigmodon hispidus</i>	Rat, cotton	PET, RID
<i>Tamias striatus</i>	Chipmunk, eastern American	WHI, ZOO
<i>Tamias sp.</i>	Chipmunk, wild	RID
<i>Tamiasciurus hudsonicus</i>	Squirrel, eastern red	BRP, ZOO
	Mouse, not designated:	
	Wild	WHI
	Rat, not designated:	
	Wild	GOK, WHI
CETACEA		
<i>Coryphaena hippurus</i>	Dolphin	HML
<i>Stenelle plagiodon</i>	Porpoise	GUL
<i>Tursiops truncatus</i>	Porpoise	GUL
CARNIVORA		
<i>Acinonyx jubatus</i>	Cheetah	BRP, CHC, RID
<i>Ailurus fulgens</i>	Panda, lesser	FRE
<i>Alopex lagopus</i>	Fox, Arctic	RID
<i>Amblonyx cinerea</i>	Otter, Oriental small-clawed	ZOO
<i>Aonyx capensis</i>	Otter, African clawless	BRP
<i>Aonyx cinerea</i>	Otter, small-clawed	PFI
<i>Arctictis binturong</i>	Binturong	FRE, PFI, RID, ZOF, ZOO
<i>Arctonyx collaris</i>	Hog-badger	PFI, RID
<i>Bassariscus astutus</i>	"Cat", ring-tailed, or cacomistle	BRP, TOT, ZOO
<i>Bassaricyon alleni</i>	Olingo	PFI
<i>Bassaricyon gabbii</i>	Olingo	BRP
<i>Bassaricyon sp.</i>	Olingo	CHC, TAR
<i>Canis adustus</i>	Jackal, side-striped	RID
<i>Canis aureus</i>	Jackal, Asiatic	RID
<i>Canis dingo</i>	Dingo	BRP, RID
<i>Canis latrans</i>	Coyote	BRP, RID, TOT
<i>Canis lupus</i>	Wolf, grey or timber	BRP, RID, TOT
<i>Civettictis civetta</i>	Civet, African	TOT
* <i>Chrysocyon brachyurus</i>	Wolf, maned	BRP, CHC, PFI, RID
<i>Conepatus mesoleucus</i>	Skunk, hog-nosed	TOT
<i>Crocuta crocuta</i>	Hyena, spotted	BRP, CHC, PFI, RID
<i>Euarctos americanus</i>	Bear, American black	BRP, RID, TOT
<i>Felis aurata</i>	Cat, golden	TOT
<i>Felis bengalensis</i>	Cat, leopard	BRP, EXO, PFI, RID, ZOO
<i>Felis bieti</i>	Cat, desert	RID
<i>Felis chaus</i>	Cat, jungle	BRP
<i>Felis concolor</i>	Cougar; mountain lion; puma	BRP, CHC, FRE, PFI, RFB, RID, TAR
<i>Felis geoffroyi</i>	Cat, Geoffroy's	BRP, CHC, RID
<i>Felis libyca</i>	Cat, African wild	RID
<i>Felis marmorata</i>	Cat, marbled	EXO
<i>Felis nebulosa</i>	Leopard, clouded	BRP, EXO
<i>Felis nigripes</i>	Cat, African black-footed	RID
<i>Felis pajeros</i>	Cat, pampas	RID

Species	Common Name	Code
<i>Felis pardalis</i>	Ocelot	BRP, CHC, PFI, RFB, RID, TAR
<i>Felis serval</i>	Serval	BRP, RID
<i>Felis siamensis</i>	Cat, Siamese wild	EXO
<i>Felis silvestris</i>	Wildcat	CHC, TOT
<i>Felis temmincki</i>	Cat, golden	BRP, EXO, PFI, RID
<i>Felis tigrina</i>	Cat, little spotted	BRP
<i>Felis viverrina</i>	Cat, fishing	BRP, CHC, EXO, PFI, RID
<i>Felis wiedii</i>	Cat, margay	BRP, CHC, PFI, RID, TAR
<i>Felis yagouaroundi</i>	Jaguaroundi	BRP, PFI, ZOO
<i>Fennecus zerda</i>	Fox, fennec	BRP, RID
<i>Genetta sp.</i>	Genets	PFI
<i>Grison vittatus</i>	Hurone or grison	BRP, PFI, ZOO
<i>Grison sp.</i>	Grison	CHC, FRE, TAR
<i>Gulo gulo</i>	Wolverine	FRE, RID
<i>Helarctos malayanus</i>	Bear, Malayan sun	BRP, PFI, RID, TOT
<i>Hemigalus derbyanus</i>	Civet, banded palm	BRP, PFI
<i>Herpailurus yagouaroundi</i>	Jaguaroundi	CHC, RID, TAR
<i>Hyaena brunnea</i>	Hyena, brown	RID
<i>Hyaena hyaena</i>	Hyena, striped	BRP, PFI, RID
<i>Lutra annectens</i>	Otter, South American	PFI
<i>Lutra canadensis</i>	Otter, Canadian	BRP, PFI
<i>Lutra perspicillata</i>	Otter, smooth-coated Indian	BRP, PFI
<i>Lutra sp.</i>	Otter	CHC
<i>Lycaon pictus</i>	Hunting dog, African or Cape	CHC, FRE, RID
<i>Lynx caracal</i>	Lynx, caracal	RID
<i>Lynx lynx</i>	Lynx, Siberian	FRE
<i>Lynx rufus</i>	Bobcat	BRP, PFI, RID
<i>Meles meles</i>	Badger, Old World	RID
<i>Mellivora capensis</i>	Ratel, or honey badger	FRE, RID
<i>Melogale personata</i>	Badger, ferret	PFI
<i>Melursus ursinus</i>	Bear, sloth	BRP, RID
<i>Mephitis mephitis</i>	Skunk	BRP, CHC, HAI, PFI, RID, TAR, ZOO
<i>Mustelo furo</i>	Ferret	HAI, MRA, RID
<i>Nasua harica</i>	Coatimundi, gray	CHC, TAR, TOT
<i>Nasua nasua</i>	Coatimundi, red	CHC, FRE, PFI, RID, TAR, ZOO
<i>Neofelis nebulosa</i>	Leopard, clouded	BRP, RID
<i>Noctifelis sp.</i>	Margay	TAR
<i>Nyctereutes procyonoides</i>	Dog, Japanese raccoon	RID
<i>Odobenus rosmarus divergens</i>	Walrus	FRE
<i>Otario byronia</i>	Sea lion, South American maned	CHC, RID
<i>Otocyon megalotis</i>	Fox, African big-eared	BRP, RID
<i>Paguma larvata</i>	Civet, masked palm	PFI, TOT
<i>Panthera leo</i>	Lion	BRP, CHC, FRE, RFB
<i>Panthera pardus</i>	Leopard	BRP, EXO, FRE, PFI, RFB, RID, TOT
<i>Panthera onca</i>	Jaguar	BRP, CHC, PFI, RFB, RID, TAR
<i>Panthera tigris</i>	Tiger	BRP, CHC, EXO, FRE, RFB, RID
<i>Panthera tigris longipilis</i>	Tiger, Siberian	BRP, FRE
<i>Panthera sp.</i>	Leopard	CHC, RID
<i>Paradoxurus hermaphroditus</i>	Civet, palm	EXO, PFI

CARNIVORA Continued

Species	Common Name	Code
<i>Phoca vitulina</i>	Seal, harbor or hair	ZOO
<i>Potos flavus</i>	Kinkajou	CHC, BRP, EXO, FRE, PFI, TAR, TOT, ZOO
<i>Prionodon linsang</i>	Linsang, banded	PFI
<i>Proteles cristatus</i>	Aardwolf	RID
* <i>Pteronura brasiliensis</i>	Otter, giant	FRE, TAR
* <i>Pteronura b. brasiliensis</i>	Otter, giant or flat-tailed	BRP
<i>Procyon lotor</i>	Raccoon	BRP, CHC, GOK, HAI, LEM, PFI, RID, TAR, TOT, ZOO
<i>Selenarctos thibetanus</i>	Bear, Asiatic black	BRP, PFI, RID
* <i>Speothos venaticus</i>	Bush dog	BRP, CHC, TAR
<i>Spilogale putorius</i>	Skunk, spotted	CHC, RID, TOT, ZOO
<i>Taxidea sp.</i>	Badger, American	FRE, RID
<i>Tayra barbara</i>	Tayra	CHC, PFI, RID, TAR, ZOO
* <i>Thalarcos maritimus</i>	Bear, polar	RID
* <i>Tremarctos ornatus</i>	Bear, spectacled	BRP, CHC, RID
<i>Uncia uncia</i>	Leopard, snow	BRP, RID
<i>Urocyon cinereoargenteus</i>	Fox, eastern gray	TOT, ZOO
<i>Urocyon megalotis</i>	Fox, gray	BRP
<i>Urocyon sp.</i>	Fox, gray	CHC, RID, TAR
<i>Ursus arctos</i>	Bear, Alaskan brown	BRP, RID
* <i>Ursus horribilis</i>	Bear, grizzly	BRP
<i>Viverra zibetha</i>	Civet, large Indian	ZOO
<i>Viverra zibetha</i>	Civet, large Indian	PFI
<i>Viverricula indica</i>	Civet, small Indian	PFI
<i>Viverrinae sp.</i>	Civet	EXO
<i>Vulpes fulva</i>	Fox, red	BRP, CHC, HAI, RID, TAR
<i>Vulpes pallidus</i>	Fox, pale	CHC, FRE
<i>Zalophus californianus</i>	Sea lion, California	CHC, FRE, RID, ZOO
	Not designated:	
	Otter, giant South American river	PAR
TUBULIDENTATA		
<i>Orycteropus afer</i>	Aardvark	CHC, FRE, RID
PROBOSCIDEA		
<i>Elephas maximus</i>	Elephant, Indian	BRP, CHC, FRE, PFI, ZOO
<i>Loxodonta africana</i>	Elephant, African	FRE, TOT
<i>Loxodonta a. africana</i>	Elephant, South African bush	BRP
<i>Loxodonta a. knochenhaueri</i>	Elephant, East African bush	BRP
HYRACOIDEA		
<i>Heterohyrax syriacus</i>	Hyrax, rock	BRP, CHC, RID
<i>Hyrax capensis</i>	Hyrax, Cape	CHC, ZOO

PERISSODACTYLA

Species	Common Name	Code
<i>Ceratotherium simum</i>	Rhinoceros, white or square-lipped	FRE
* <i>Diceros bicornis</i>	Rhinoceros, African black	FRE
<i>Equus asinus</i>	Ass, domestic	BRP, TOT
<i>Equus burchelli</i>	Zebra, Grant's	FRE, TOT
<i>Equus caballus</i>	Ponies (POA), small, bred for size	OAC
<i>Equus grevyi</i>	Zebra, Grevy's	FRE
<i>Equus zebra</i>	Zebra, mountain	FRE
* <i>Tapirus bairdii</i>	Tapir, Baird's	BRP, PFI, RID
<i>Tapirus indicus</i>	Tapir, Malayan	BRP, RID, ZOF
<i>Tapirus roulini</i>	Tapir, woolly	BRP, RID
<i>Tapirus terrestris</i>	Tapir, Brazilian	BRP, CHC, PFI, RID, TAR
<i>Tapirus</i> sp.	Tapir	FRE
	Donkey, pygmy, not designated	FRE
	Zebras, Damara, not designated	FRE

ARTIODACTYLA

<i>Ammotragus levia</i>	Sheep, aoudad	BRP, RID
<i>Antilocapra americana</i>	Antelope, pronghorn	RID, TOT
<i>Antelope cervicapra</i>	Blackbuck	CHC, RID
<i>Auchenia glama</i>	Llama, South American	RID
<i>Axis axis</i>	Deer, axis	RID
<i>Bison bison</i>	Bison, American	BRP, RID
<i>Bos grunniens</i>	Yak	BRP, FRE, RID, TOT
* <i>Bubalus bubalis</i>	Buffalo, Asiatic water	BRP
<i>Camelus dromedarius</i>	Camel	BRP, FRE, RID
<i>C. pra aegagrus</i>	Goat, western Asia	TOT
<i>Cervus canadensis</i>	Elk, American	RID
<i>Cervus nippon</i>	Deer, sika (spotted form)	BRP
* <i>Choeropsis liberiensis</i>	Hippopotamus, pygmy	BRP, RID
<i>Dama dama</i>	Deer, fallow	BRP, FRE, TOT
<i>Dama</i> sp.	Deer, fallow	RID
<i>Hippopotamus amphibius</i>	Hippopotamus	BRP, TOT
<i>Lama glama</i>	Llama	BRP, CHC, TOT
<i>Lama huanca</i>	Guanaco	CHC, FRE, RID, TOT
<i>Lama glama huanachus</i>	Guanaco	BRP
<i>Maxama americana</i>	Deer, brocket	RID
<i>Odocoileus hemionus</i>	Deer, mule	RID
<i>Odocoileus virginianus</i>	Deer, white-tailed, or Virginia	BRP
<i>Ovis canadensis</i>	Sheep, bighorn	BRP
<i>Ovis musimon</i>	Sheep, mouflon	BRP, RID, TOT
<i>Sika</i> sp.	Deer, sika	RID
<i>Syncerus caffer</i>	Buffalo, African	BRP
<i>Tayassu</i> sp.	Peccary	RID, ZOO
<i>Tragulus javanicus</i>	Deer, mouse	FXO
	Not designated:	
	Buffalo, Congo	FRE
	Deer, Costa Rican	FRE
	Goat, pygmy	CHC
	Goats	BRK

III

FLUIDS, TISSUES, ORGANS

FLUIDS, TISSUES, ORGANS

	Serum	Blood	Tissue	Organs
Avian Species	TRS	TRS		
Bovine	COL, GRA, LAA, PBA, PEN, POC, SCH	GRA, LAA, PBA, PEN, POC, SCH	GRA, PBA, PEN, POC	GRA, LEM, STE
Cats	COL, GRA, PBA, PEN, ROC	COL, GRA, PBA, PEN, ROC	PBA, PEN	ROC
Cattle	AZO, CER, GRA	GRA	AZO, CER, GRA	CER, GRA
Chickens	COL, GRA, LAA, PBA, POC, RED, ROC, TRS	COL, GRA, LAA, PBA, PEN, POC, RED, ROC, TRS	GRA, LAA, PBA, PEN, POC, RED, TRS	GRA, LAA, ROC, TRS
Dogs	AZO, CER, COL, GRA, PBA, PEN, POC, ROC	COL, GRA, PBA, PEN, POC, ROC	AZO, CER, GRA, PBA, PEN, POC	CER, GRA, ROC
Ducks	COL, GRA, LAA	COL, GRA, LAA, PEN	GRA, PEN	GRA
Ferrets	COL, GRA, PEN	COL, GRA, PEN	GRA, PEN	GRA
Fish		GUL	HML	GUL, HML
Frogs	PBA, RED	PBA, RED	PBA, RED	
Game Birds	RED	RED	RED	
Geese	COL, GRA, LAA	COL, GRA, LAA, PEN	GRA, PEN	GRA
Goats	COL, GRA, LAA, PEN, RED	COL, GRA, LAA, PEN, POC, RED	GRA, PEN, POC, RED	GRA
Guinea Pigs	AZO, CER, COL, GRA, LAA, PBA, PEN, RED, ROC, SCH	COL, GRA, LAA, PBA, PEN, POC, RED, ROC, SCH	AZO, CER, GRA, LAA, PBA, PEN, POC, RED	CER, GRA, LAA, ROC
Hamsters	COL, GRA, PBA, PEN, RED, ROC	COL, GRA, PBA, PEN, RED, ROC	PBA, PEN, RED	ROC
Horses	AZO, CER, COL, GRA, LAA, PBA, PEN, SCH	COL, GRA, LAA, PBA, PEN, SCH	AZO, CER, GRA, PBA, PEN	CER, GRA

FLUIDS, TISSUES, ORGANS Continued

	Serum	Blood	Tissue	Organs
Invertebrates		GUL		GUL
Mice - Hybrid (6 strains)	JAX	JAX		JAX
Mice - Inbred (21 strains)	JAX	JAX		JAX
Mice (Random)	AZO, CER, GRA, LAA, PBA, POC, RED, ROC, SCH	GRA, LAA, POC, RED, ROC, SCH	AZO, CER, GRA, LAA, PBA, POC, RED	CER, GRA, LAA, ROC
Peafowl	RED	RED	RED	
Pigeons	COL, GRA, LAA	COL, GRA, LAA, PEN	GRA, PEN	GRA
Primates	AZO, CER, GRA, PBA, RED	GRA, PBA, RED	AZO, CER, GRA, PBA, RED	CER, GRA, INT
Rabbits	ARF, AZO, CER, COL, GRA, LAA, LEW, PBA, PEN, POC, RED, ROC, SCH	COL, GRA, LAA, LEW, PBA, PEN, POC, RED, ROC, SCH	ARF, AZO, CER, GRA, LAA, PBA, PEN, POC, RED	CER, GRA, LAA, LEW, ROC
Rats	AZO, CER, GRA, LAA, PBA, POC, RED, ROC, SCH	GRA, LAA, PBA, RED, ROC, SCH, ZML	AZO, CER, GRA, LAA, PBA, POC, RED, ZML	CER, GRA, LAA, ROC, ZML
Sharks, dog				LEM
Sheep	AZO, CER, COL, GRA, LAA, PBA, PEN	COL, GRA, LAA, PBA, PEN, POC, RED, SCH	AZO, CER, GRA, PBA, PEN, POC, RED	CER, GRA, LEM, STE
Swine	COL, GRA, LAA, PBA, PEN, SCH	COL, GRA, LAA, PBA, PEN, SCH	GRA, PBA, PEN	GRA, STE
Turkeys	COL, GRA, PEN	COL, GRA, PEN	GRA, PEN	GRA
Turtles	PBA, RED	PBA, RED	PBA, RED	

IV
LABORATORY ANIMAL
EQUIPMENT
AND
MATERIALS

MANUFACTURERS OF LABORATORY ANIMAL FEED

Mice	13, 81, 93, 105, 141, 145, 153, 157, 159, 187, 251, 287, 290, 309, 317, 337, 345, 361, 372, 373, 395, 399
Rats	13, 81, 93, 105, 141, 145, 153, 157, 159, 187, 251, 287, 290, 309, 317, 337, 345, 361, 372, 373, 395, 399
Guinea Pigs	13, 81, 93, 105, 141, 145, 153, 157, 159, 187, 251, 287, 290, 309, 317, 345, 372, 373, 399
Hamsters	13, 93, 141, 145, 153, 157, 159, 187, 287, 290, 317, 372, 373, 395, 399
Rabbits	13, 81, 93, 105, 137, 141, 145, 153, 157, 159, 181, 187, 251, 287, 290, 309, 317, 337, 345, 372, 373, 399
Dogs	13, 67, 93, 105, 115, 137, 141, 145, 153, 155, 157, 159, 181, 187, 217, 237, 251, 273, 287, 290, 309, 317, 337, 361, 372, 373, 399, 403
Cats	13, 93, 105, 115, 141, 145, 153, 157, 159, 187, 217, 251, 287, 290, 317, 361, 372, 373, 385, 399, 403
Primates	13, 93, 105, 141, 145, 153, 157, 159, 187, 217, 251, 287, 290, 309, 317, 361, 372, 373, 405
Poultry	13, 93, 137, 141, 153, 157, 159, 181, 273, 287, 290, 317, 337, 345, 399
Other:	Beef, 273; Carnivores, 187; Cattle, 399, 317; Dairy, 273; Domestic (all), 317; Gerbils, 153; Hogs, 273; Minipigs, 153; Pigeons, 153; Omnivores, 187; Quails, 153; Ruminants, 187; Sheep, 317, 153; Zoo animals, 317
Special Diets:	Mixes to customers' specifications — Brewers' dried yeast, feed ingredients — 141. SPF-lac — sterile milk, ready-to-feed — patterned after sows' milk — 67.

MANUFACTURERS OF LABORATORY ANIMAL EQUIPMENT — WASHING MACHINES

ANIMAL CAGE	Rotary	17, 169, 215, 251, 259, 319, 323, 409
	Tunnel	17, 28, 55, 65, 169, 215, 251, 259, 319, 323, 353, 409
	Cabinet	17, 28, 55, 65, 169, 199, 215, 251, 259, 319, 323, 353, 409
	Other	Ultrasonic Cleaning Equipment, Standard and Custom — 107; Pressure — 149; Oscillating — 169; Custom-built conveyor — high production units — 323; Brush, power driven — 353.
RACK	Rotary	17, 169, 215, 251, 319, 323, 409
	Tunnel	17, 28, 55, 65, 169, 215, 251, 319, 323, 353, 409
	Cabinet	17, 28, 55, 65, 169, 215, 251, 259, 319, 323, 353, 409
	Other	Ultrasonic Cleaning Equipment, Standard and Custom — 107; Booth and pass-through type — 169; Custom-built conveyor — high production units — 323; Floor type — 353; Bottle Washer, bottle washer filling station — 28.
WATER BOTTLE	Rotary	215, 251, 259, 323, 409
	Tunnel	28, 55, 65, 169, 215, 251, 259, 323, 353
	Cabinet	28, 55, 65, 169, 215, 251, 323, 353, 409
	Other	Ultrasonic Cleaning Equipment, Standard and Custom — 107; Combination bottle washer and filler — 215; Manual filler and sipper tube vats — 323; Brush, power-driven — 353

MANUFACTURERS OF LABORATORY ANIMAL CAGES

Animal	Stainless Steel	Galvanized Metal	Plastic
Mice	3, 5, 15, 19, 21, 27, 29, 35, 77, 86, 87, 123, 125, 135, 143, 147, 149, 181, 193, 201, 203, 219, 229, 243, 247, 251, 281, 307, 331, 335, 341, 347, 371, 381, 382, 391, 393, 395, 401	3, 5, 15, 19, 21, 30, 35, 77, 87, 123, 125, 143, 147, 149, 181, 193, 201, 203, 219, 221, 247, 251, 281, 307, 331, 335, 347, 371, 381, 382, 393, 401	3, 19, 29, 81, 83, 87, 125, 148, 149, 207, 229, 241, 243, 251, 341, 381, 382, 401
Rats	3, 5, 15, 19, 21, 29, 35, 77, 86, 87, 123, 125, 135, 143, 147, 149, 156, 177, 181, 193, 201, 203, 219, 229, 243, 247, 251, 281, 285, 307, 327, 331, 335, 341, 347, 371, 381, 382, 391, 393, 401	3, 5, 15, 19, 21, 30, 35, 77, 87, 123, 125, 143, 147, 149, 181, 193, 201, 203, 219, 221, 243, 247, 251, 281, 307, 331, 335, 347, 371, 381, 382, 393, 401	3, 19, 29, 81, 83, 87, 125, 148, 149, 156, 207, 229, 251, 285, 341, 381, 382, 401
Guinea Pigs	3, 5, 15, 19, 21, 29, 35, 77, 86, 87, 123, 125, 135, 143, 147, 149, 156, 177, 181, 193, 201, 203, 219, 229, 247, 251, 281, 285, 307, 327, 331, 335, 347, 371, 381, 382, 391, 393, 401	3, 5, 15, 19, 21, 30, 35, 77, 87, 123, 125, 143, 147, 149, 181, 193, 201, 203, 219, 221, 247, 251, 281, 307, 331, 335, 347, 371, 381, 382, 393, 401	3, 19, 29, 61, 83, 87, 125, 148, 149, 156, 207, 229, 251, 285, 372, 381, 382, 401
Hamsters	3, 5, 15, 19, 21, 29, 35, 77, 87, 125, 135, 143, 147, 149, 156, 181, 193, 201, 203, 229, 247, 251, 281, 285, 307, 331, 335, 347, 371, 381, 382, 391, 393, 401	3, 5, 15, 19, 21, 30, 35, 77, 87, 125, 143, 147, 149, 181, 193, 201, 203, 221, 247, 251, 281, 307, 331, 335, 347, 371, 381, 382, 393, 401	3, 19, 29, 81, 83, 87, 125, 148, 149, 156, 207, 229, 251, 285, 381, 382, 401
Rabbits	3, 5, 15, 19, 21, 29, 35, 77, 86, 87, 123, 125, 143, 147, 149, 156, 181, 193, 201, 203, 219, 247, 251, 281, 285, 297, 307, 327, 331, 335, 347, 371, 381, 382, 391, 393, 401	3, 5, 15, 19, 21, 30, 35, 77, 87, 123, 125, 143, 147, 149, 181, 193, 201, 203, 219, 221, 247, 251, 281, 297, 307, 331, 335, 347, 371, 381, 382, 393, 401	3, 19, 29, 87, 125, 149, 156, 251, 285, 381, 382, 401

Aluminum	Glass	Magnesium	Other Material
19, 35, 123, 125, 135, 149, 181, 193, 203, 247, 251, 331, 341, 371, 382, 393	119	247, 382	Cold-rolled steel 3 Fiberglass 193, 382 Steel, zinc-plated 395
19, 35, 123, 125, 135, 149, 181, 193, 203, 247, 251, 327, 331, 341, 371, 382, 393	119, 156, 285	247, 382	Cold-rolled steel 3 Fiberglass 193, 382
19, 35, 123, 125, 135, 149, 181, 193, 203, 247, 251, 327, 331, 371, 382, 393	119, 156, 285	247, 382	Cold-rolled steel 3 Fiberglass 193, 382
19, 35, 125, 135, 149, 181, 193, 203, 247, 251, 331, 371, 382, 393	156, 285,	247, 382	Cold-rolled steel 3 Fiberglass 193, 382
19, 35, 123, 125, 149, 181, 193, 203, 247, 251, 327, 331, 371, 382, 393	156, 285	247, 382	Cold-rolled steel 3 Fiberglass 193, 382

MANUFACTURERS OF LABORATORY ANIMAL CAGES Continued

Animal	Stainless Steel	Galvanized Metal	Plastic
Dogs	3, 5, 19, 35, 77, 86, 87, 123, 125, 143, 147, 149, 181, 193, 201, 203, 219, 247, 251, 281, 297, 307, 329, 333, 335, 347, 371, 381, 382, 391, 393	3, 5, 19, 30, 35, 71, 77, 87, 123, 125, 143, 147, 149, 181, 193, 201, 203, 219, 247, 251, 281, 297, 307, 335, 347, 371, 381, 382, 393	3, 19, 61, 87, 125, 149, 231, 251, 359, 381, 382
Cats	3, 5, 19, 35, 77, 87, 123, 125, 143, 147, 149, 193, 201, 203, 247, 251, 281, 297, 307, 331, 333, 335, 347, 371, 381, 382, 391, 393	3, 5, 19, 30, 35, 71, 77, 87, 123, 125, 143, 147, 149, 193, 201, 203, 247, 251, 281, 297, 307, 331, 335, 347, 371, 381, 382, 393	3, 19, 61, 87, 125, 149, 231, 251, 359, 381, 382
Primates	3, 5, 35, 77, 87, 123, 125, 143, 147, 149, 193, 203, 219, 247, 251, 281, 307, 327, 335, 371, 381, 382, 391, 393	3, 5, 35, 71, 77, 87, 123, 125, 143, 147, 149, 193, 203, 219, 247, 251, 281, 307, 335, 371, 381, 382, 393	3, 61, 87, 125, 149, 231, 251, 359, 381, 382
Poultry	3, 5, 21, 35, 77, 87, 123, 125, 147, 149, 181, 193, 247, 251, 281, 331, 371, 391, 393	3, 5, 21, 30, 35, 77, 87, 123, 125, 147, 149, 181, 193, 247, 251, 281, 331, 371, 393	3, 61, 87, 125, 149, 251, 359

Aluminum	Glass	Magnesium	Other Metal
19, 35, 123, 125, 149, 181, 193, 203, 247, 251, 371, 382, 393	333	247, 382	Cold-rolled steel 3 Fiberglass 193, 359, 382, 392 Formica-lined 351
19, 35, 123, 125, 149, 193, 203, 247, 251, 331, 371, 382, 393	333	247, 382	Cold-rolled steel 3 Fiberglass 193, 359, 382 Formica-lined 351
35, 123, 125, 149, 193, 203, 247, 251, 327, 371, 382, 393		247, 382	Cold-rolled steel 3 Fiberglass 193, 359, 382
35, 123, 125, 149, 181, 193, 247, 251, 331, 371, 393		247	Cold-rolled steel 3 Fiberglass 193, 359
Other	Animals: stainless steel, galvanized metal, aluminum -- 371 Aquatic tanks (housing frogs, turtles, and alligators): stainless steel, galvanized metal, aluminum -- 35 Birds: stainless steel, galvanized metal, aluminum -- 147, 371; plastic -- 147 Calves: stainless steel, galvanized metal -- 281 Cattle: stainless steel, galvanized metal -- 335 Chimpanzees: stainless steel, galvanized metal, aluminum -- 35 Ferrets: stainless steel, galvanized metal, aluminum -- 203 Frogs: stainless steel, galvanized metal -- 281 Gerbils: stainless steel, galvanized metal -- 15, 203; aluminum -- 203 Insects: stainless steel, galvanized metal, aluminum, magnesium -- 247 Lions: stainless steel, galvanized metal -- 147 Mink: stainless steel, galvanized metal, aluminum -- 331 Opossums: stainless steel, galvanized metal -- 231 Pigs: stainless steel, galvanized metal -- 281 Pigeons: stainless steel -- 307, 341, 393; galvanized metal -- 397, 393; plastic -- 341; aluminum -- 341, 393 Reptiles: stainless steel, galvanized metal, plastic, aluminum -- 125 Sheep: stainless steel -- 203, 335; galvanized metal -- 203, 335; aluminum -- 203 Swine: stainless steel, galvanized metal, aluminum -- 203 Tigers: stainless steel, galvanized metal -- 147 Woodchucks: stainless steel, galvanized metal -- 281 Special cage equipment upon request, stainless steel, galvanized metal -- 297		

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 - stainless steel, 234
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1	Abbeon Incorporated 179-15 Jamaica Ave. Jamaica, N.Y. 11432 (212) AX 7-1200	25	Ames Company, Division Miles Laboratories, Inc. Elkhart, Ind. 46514 (219) CO 4-8650
3	ABCO Wire & Metal Products, Inc. P.O. Box 3185, Harder Annex Hayward, Calif. 94544 (415) 782-6121	27	Amesbury Metal Products Company, Inc. 39 Oakland St. Amesbury, Mass. 01913 (617) 388-0900
5	Acme Metal Products, Inc. 7757 S. South Chicago Ave. Chicago, Ill. 60619 (312) 731-8080	28	AMSCO Industrial Company, Div. American Sterilizer Company 2424 W. 23rd St. Erie, Pa. 16512 (814) 456-2021
7	Airwick Industries, Inc. P.O. Box 203, Commerce Rd. Carlstadt, N.J. 07072 (201) 933-8200	29	Ancare Corp., 47 Manhasset Ave. Manhasset, N.Y. 11030 (516) 627-9292
9	Alconox, Inc. 215 Park Ave. S. New York, N.Y. 10003 (212) 473-1300	30	Animatic Animal Care Products, Inc. P.O. Box 6254 New Orleans, La. 70114 (504) 524-0452
11	Alfred Chemical Corporation 171 Lombardy St. Brooklyn, N.Y. 11222 (212) EV 8-2056	31	Arista Surgical Co. 67 Lexington Ave., Dept. L New York, N.Y. 10010 (212) 679-3604
13	Allied Mills, Incorporated 110 N. Wacker Dr. Chicago, Ill. 60606 (312) FI 6-5060 Ext. 328	33	ATCO Manufacturing Company 461 Walnut St., P.O. Box 2580 Napa, Calif. 94558 (707) 226-6716
15	Aloe Scientific-Health & Science Div., Brunswick Corp. 1831 Olive St. St. Louis, Mo. 63103 (314) CH 1-5700	35	Atlantic Metal Products, Inc. 21 Fadem Rd. Springfield, N.J. 07081 (201) 379-6200
17	Alvey-Ferguson Operations, Hewitt-Robins, Inc. 3131 Disney St. Cincinnati, Ohio 45209 (513) 731-7000	37	Atlantic Ultraviolet Corporation 24-10 40th Ave. Long Island City, N.Y. 11101 (212) ST 4-6106
18	American Custom Plastics P.O. Box 1006 Frederick, Md. 21701 (301) 473-8278	39	Avionics Research Products Corporation 6901 W. Imperial Hwy. Los Angeles, Calif. 90045 (213) 674-1334
19	American Laboratory Equipment Co. 941 Ocean Ave. San Francisco, Calif. 94112 (415) 587-2500	41	Bally Case and Cooler, Inc. Bally, Pa. 19503 (215) 845-2311
21	American Lincoln Incubator Co. P.O. Box 667 New Brunswick, N.J. 08903 (201) 545-3970	43	Bard-Parker Company Rutherford, N.J. 07070 (201) 939-9000
23	American Ultraviolet Co. 50 Commerce St. Chatham, N.J. 07928 (201) 635-8355		

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Code	Name and Address of Firm	Code	Name and Address of Firm
45	Barnstead Company, Division Ritter Pfaudler Corporation 225 Rivermoor St. Boston, Mass. 02132 (617) 327-1600	69	Breeders Equipment Co. Flourtown, Pa. 19031 (215) AD 3-0799
47	Barrett Chemical Sales, Inc. P.O. Box 53 Dedham, Mass. 02026 (617) 326-8665	71	Brinkman Mfg. & Fence Co. Rte. 8, Huntoon & Auburn Rd. Topeka, Kans. 66604 (913) 478-4662
49	Becton, Dickinson and Company Rutherford, N.J. 07070 (201) 939-9000	73	Brookline Surgical Specialties One Acton Rd. Westford, Mass. 01886
51	The Bethlehem Corporation 225 W. Second St. Bethlehem, Pa. 18016 (215) 867-4605	75	Burton Division, Cavitron Corporation 7922 Haskell Ave. Van Nuys, Calif. 91406 (213) 989-4700
53	Better Built Machinery Corp., Subsidiary of Ogden Corp. 161 E. 42d St. New York, N.Y. 10017 (212) 986-1511	77	Bussey Products Co. 2700 W. 35th St. Chicago, Ill. 60632 (312) 847-5035
55	Biological Specialties Corporation 7819 Airport Rd. Middleton, Wis. 53562 (608) 836-7611	79	California Pellet Mill Company 1800 Folsom St. San Francisco, Calif. 94103 (415) 431-3800
57	Bio-Medical Electronics Inc. 653 Lofstrand La. Rockville, Md. 20850 (301) 424-8285	81	Camm Research Institute, Inc. 414 Black Oak Ridge Rd. Wayne, N.J. 07470 (201) 694-0703
59	BioQuest: BBL and Falcon Plastics Divisions P.O. Box 243 Cockeysville, Md. 21030 (301) 666-0100	83	Capital Plastics Co. 4215 Howard Ave. Kensington, Md. 20795 (301) 949-2911
61	Bio-Science Industries 400 Wharburton St. Long Branch, N.J. 07740 (201) 229-3100	85	Carbothanasia, Inc. P.O. Box 304, Radio City Station New York, N.Y. 10019 (202) 872-1602
63	Blackstone Ultrasonics, Inc. Center & Horton Sts. Sheffield, Pa. 16347 (814) 968-3221 or 968-3222	86	Carr Corporation 1101 Colorado Ave. Santa Monica, Calif. 90404 (213) UP 0-9237
65	G. S. Blakeslee & Co. 1844 S. Laramie Ave. Chicago, Ill. 60650 (312) BL 2-2710	87	Carworth-Lab Cages, Division Becton, Dickinson & Company 216 Congers Rd. New City, N.Y. 10956 (914) NE 4-8931
67	Borden Chemical Co. Animal Feed Supplement & Product Dept. P.O. Box 419 Norfolk, Va. 23501 (703) 855-4711	89	Center Chemical Company P.O. Box 80503 Atlanta, Ga. 30005 (404) 451-4311
		91	Charleston Rubber Company Stark Industrial Park Charleston, S.C. 29405 (803) 744-7434

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93	Chesapeake Feed Co., Inc. P.O. Box 23 Beltsville, Md. 20705 (301) 776-7907	115	Deep Run Packing Co. Inc. P.O. Box 27 (Deep Run Rd.) Dublin, Pa. 18917 (215) 249-3543
94	Childs Surgical Supply, Inc. P.O. Box 5235 Pasadena, Calif. 91107	117	Deer Park Spring Water Company Inc. 11 E. 44th St. New York, N.Y. 10017 (516) 997-8300
95	Clay-Adams Inc. Webro Rd. Parsippany, N.J. 07054 (212) 686-4920	119	Delmar Scientific Glass Products of Coleman Instruments 42 Madison St. Maywood, Ill. 60153 (312) 345-7500
97	Colab Laboratories, Inc. P.O. Box 66 Chicago Heights, Ill. 60411 (312) 755-2933	121	Detjen Corporation Insectocutor Division Pleasant Valley, N.Y. 12569 (914) 635-2850
99	Warren E. Collins, Inc. 220 Wood Rd. Braintree, Mass. 02184 (617) 843-0610	123	Dixie Cage 111 Gordon Rd. Falls Church, Va. 22046 (703) 533-1111
101	Consolidated Molded Products Warner & Greenwood Aves. Scranton, Pa. 18501 (212) 346-6521	125	Doubarn Sheet Metal, Inc. 8631 Avalon Blvd. Los Angeles, Calif. 90003 (213) 758-1184
103	Corning Glass Works Laboratory Products Dept. Corning, N.Y. 14830 (607) 962-4444	127	Eberbach Corporation P.O. Box 1024 Ann Arbor, Mich. 48106 (313) 665-8877
105	Country Best - Agway Inc. P.O. Box 1333 Syracuse, N.Y. 13201 (315) 477-6319	129	Economics Laboratory, Inc. 250 Park Ave. New York, N.Y. 10017 (212) YU 6-7530
107	Crest Ultrasonics Corporation Scotch Rd., Mercer County Airport Trenton, N.J. 08628 (609) 883-4000	131	The Ednalite Corporation - OCVI* Instrument Division 200 N. Water St. Peekskill, N.Y. 10566 (212) LO 2-7200-NYC Trunk Line (914) 737-4100
109	Crossfield Products Corp. 140 Valley Rd. Roselle Park, N.J. 07204 (201) 245-2800	133	Engelhard Hanovia, Inc. Hanovia Lamp Division 100 Chestnut St. Newark, N.J. 07105 (202) 242-2422
110	C. H. Dana Co., Inc. Drawer A Hyde Park, Vt. 05655 (802) 888-2912	135	Environmental Growth Chambers 510 E. Washington St. Chagrin Falls, Ohio 44022 (216) 247 5100
111	R. E. Darling Co., Inc. P.O. Box 666 Gaithersburg, Md. 20760 (301) 948-5920	137	John W. Fshelman & Sons 244 N. Queen St. Lancaster, Pa. 17604 (717) 397-6262
113	Davis Scientific Instruments 11116 Cumpston St. North Hollywood, Calif. 91601 (213) 877-7403		

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Code	Name and Address of Firm	Code	Name and Address of Firm
141	Feedstuffs Processing Company — Laboratory Animal Foods Division 1200 Minnesota St. San Francisco, Calif. 94107 (415) 826-8227	159	General Pet Supply of Illinois, Inc. 3 N. Roselle Rd. Roselle, Ill. 60172 (312) 529-6488
143	Fenco Cage Products 1188 Dorchester Ave. Boston, Mass. 02125 (617) 265-9000	161	Ralph Gerbrands Company Inc. 8 Beck Rd. Arlington, Mass. 02174 (617) 648-6415
145	W. F. Fisher & Son, Inc. Box 465 Bound Brook, N.J. 08805 (201) 356-2180	163	G-F Supply Division Standard Safety Equipment Company 431 N. Quentin Rd. Palatine, Ill. 60067 (312) 359-1400
147	Ford Wire Prod. Inc. P.O. Box 20228 6542 N. Westfield Blvd. Indianapolis, Ind. 46220 (317) 255-5427	165	Gilford Instrument Laboratories, Inc. 132 Artino St. Oberlin, Ohio 44074 (216) 774-1441
148	Joseph E. Frankle Company 4309 Rising Sun Ave. Philadelphia, Pa. 19140 (215) DA 4-7200	167	Gilson Medical Electronics, Inc. 3000 W. Beltline Hwy. Middleton, Wis. 53562 (608) 836-1551
149	Fulton Veterinary Supply Co. Inc. 169-07 Jamaica Ave. Jamaica, N.Y. 11432 (212) 739-0446	169	Girton Manufacturing Co. Animal Care Division Millville, Pa. 17846 (717) 458-2211
150	A. F. Gagne, Associates 50 Wall St. Binghamton, N.Y. 13901 (607) 723-9556	171	The Graf-Apsco Co. 5368 Broadway Chicago, Ill. 60626 (312) 561-6085
151	GARB-EL Products Corporation 443 Delaware Ave. Buffalo, N.Y. 14202 (716) 853-8600	173	Grason-Stadler Company, Inc. 15 Winthrop St. West Concord, Mass 01781 (617) 369-3787
153	General Biochemicals, Div. Chagrin Falls, Ohio 44022 (216) 247-4300	175	Grass Instrument Company 101 Old Colony Ave. Quincy, Mass. 02169 (617) 773-0002
155	General Foods Corporation Gaines Research Kennels Rte. 3 St. Anne, Ill. 60964 (815) 933-0373	177	Great Falls Products Co., Inc. Great Falls Ave. Rochester, N.H. 03867 (603) 332-2626
156	General Nuclear Corp. 550 Fifth Ave. New York, N.Y. 10016 (212) PL 7-3638	179	Groundwood Products Company P.O. Box 15125 Cincinnati, Ohio 45215 (513) 761-1701 or 761-1702
157	General Pet Supply Inc. 3227 N. 31st St. Milwaukee, Wis. 53216 (414) 445-3111	181	Hahn Roofing & Sheet Metal Contractors, Inc. P.O. Box 3314-A Birmingham, Ala. 35205 (205) 324-6652

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Code	Name and Address of Firm	Code	Name and Address of Firm
183	Hales & Hunter Co. 120 S. Riverside Plaza Chicago, Ill. 60606 (312) 332-4011	207	Hollywood Plastics Inc. 303 Claremont Ave. Montclair, N.J. 07042 (201) 744-5131
185	The C. P. Hall Company of Illinois 7300 S. Central Ave. Chicago, Ill. 60638 (312) 767-4600	209	Hotpack Corp. Cottman at Melrose Philadelphia, Pa. 19135 (215) 333-1700
187	Hallwood Inc. 1148 W. Western Ave. Muskegon, Mich. 49443 (616) 722-7251	211	Hydra-Matic Packing Company Box 96 EF Bethayres, Pa. 19006 (215) OR 6-2992
189	Hamilton Co. 12440 E. Lambert Rd., P.O. Box 307 Whittier, Calif. 90608 (213) 698-0751	213	Industrial Acoustics Company, Inc. 380 Southern Blvd. Bronx, N.Y. 10454 (212) 292-0180
191	Hardco Scientific Division The Fieldstone Corporation 6811 Grace Ave. (Dept. AR) Cincinnati, Ohio 45227 (513) 271-3200	215	Industrial Washing Machine Corporation 32 Main St. Matawan, N.J. 07747 (201) 566-4660
193	Harford Metal Products, Inc. P.O. Box 700R Aberdeen, Md. 21001 (301) 272-3400	217	Institutional Products Division Hill Packing Company P.O. Box 148 Topeka, Kans. 66601 (913) 354-8523
195	Harvard Apparatus Company, Inc. 150 Dover Rd. Millis, Mass. 02054 (617) 376-2987	219	Instrument Development Company Division of Resources Research, Inc. 11455 Newton Square S. Reston, Va. 22070 (703) 471-4070
197	Heat Systems-Ultrasonics, Inc. 60 Broad Hollow Rd. Melville, N.Y. 11746 (516) 692-9590	221	Jewel Aquarium Co., Inc. 5005 W. Armitage Ave. Chicago, Ill. 60639 (312) 622-6622
199	Heinicke Instruments Company 3000 Taft St. Hollywood, Fla. 33021 (305) 987-6101	223	Kahlenberg Globe Equipment Company P.O. Box 2803 Sarasota, Fla. 33578 (813) 955-2185
201	Hernberg Manufacturing Co., Inc. 7300 Crescent Blvd. Pennsauken, N.J. 08110 (215) WA 2-2545 or (609) 663-3312	225	Ketch-All Company 2536 University Ave San Diego, Calif. 92104 (714) 297-1953
203	Heeltge, Inc. 5242 Crookshank Rd. Cincinnati, Ohio 45238 (513) 922-4300	227	Kewaunee Scientific Equipment Corporation Logan St. Adrian, Mich. 49221 (313) 263-5731
205	Hollister Incorporated 2103 Chicago Ave. Chicago, Ill. 60611 (312) 642-2000	229	KFYCO Co., Inc. P.O. Box 12 Peach Bottom, Pa. 17563 (717) 548-2185

MANUFACTURER CODES AND ADDRESSES Continued

Code	Name and Address of Firm	Code	Name and Address of Firm
231	Kirschner Mfg. Company Rte. 2, Box 160 Vashon, Wash. 98070 (206) 463-9131	251	Lithgow Laboratory Services 301 California Dr. Burlingame, Calif. 94010 (415) 342-2408
233	Kontes Glass Co. Spruce St. Vineland, N.J. 08360 (609) 692-8500	253	Lockwood Nutrition Service, Inc. 177 Milk St. Boston, Mass. 02109 (617) 482-5655
234	K.O.B. Associates, Inc. 180 Higbie La., P.O. Box 91 West Islip, L.I., N.Y. 11795 (516) MO 9-4668	255	The London Company Advertising Department 811 Sharon Dr. Westlake, Ohio 44145 (216) 871-8900
235	David Kopf Instruments 7324 Elmo St. Tujunga, Calif. 91042 (213) 352-3274	256	McFadden Industries, Inc. 4722 Broadway Bldg. Kansas City, Mo. 64112
237	Kraft Foods 500 Peshtigo Ct. Chicago, Ill. 60690 (312) 222-4643	257	Med-Science Electronics, Inc. 2647 Locust St. St. Louis, Mo. 63103 (314) 535-7800
238	LABCO Division Parteco, Inc. 3003 Lamb Ave. Columbus, Ohio 43219 (614) 471-4040	259	Metalwash Machinery Corporation 901 North Ave. Elizabeth, N.J. 07207 (201) 352-6876
239	Labindustries 1802 Second St. Berkeley, Calif. 94710 (415) 843-0220	261	Metropolitan Wire Goods Corp. N. Washington St. Wilkes-Barre, Pa. 18705 (717) 825-2741
241	Lab-Line Laboratory Cages, Inc. 15th & Bloomingdale Aves. Melrose Park, Ill. 60160 (312) 345-7400	263	Mettler Instrument Corp. 20 Nassau St. Princeton, N.J. 08540 (609) 448-3000
243	Lafayette Instrument Co. Box 1279 Lafayette, Ind. 47902 (317) 742-7937	265	Micro-Fine Instruments Box 11 Campbell, Calif. 95008 (408) 378-4360
245	The Lawton Company, Inc. 425 Park Ave. S. New York, N.Y. 10016 (212) 889-3270	267	Miller Manufacturing Co. 245 E. Marie Ave. West St. Paul, Minn. 55118 (612) 451-1761
247	Lenderking Metal Products, Inc. 1000 S. Linwood Ave. Baltimore, Md. 21224 (301) 276-2237	269	Minerals & Chemicals Division Engelhard Minerals & Chemicals Corporation Mentlo Park Edison, N.J. 08817 (201) 548-2200
249	Lepel High Frequency Laboratories, Inc. 59-21 Queens-Midtown Expwy. Maspeth, N.Y. 11378 (212) 426-4580	271	The Emory Morse Co. 84 Cherry St. Guilford, Conn. 06437 (203) 453-2757

MANUFACTURER CODES AND ADDRESSES Continued

Code	Name and Address of Firm	Code	Name and Address of Firm
273	Murphy Products Co., Inc. 124 S. Dodge St. Burlington, Wis. 53105 (414) 763-3566	294	Patti Plastics, Inc. 250 Goffle Rd. Hawthorne, N.J. 07506 (201) 427-7500
275	Nalge Company, Division Ritter Pfaudler Corporation 75 Panorama Creek Dr. Rochester, N.Y. 14625 (716) 586-8800	295	Paxton Processing Co., Inc. P.O. Box 120 10 Paxco Place Paxton, Ill. 60957 (217) 379-2302
277	Nash, Cadmus & Voelker Inc. 612 Meadow Brook Bank Bldg. Freeport, N.Y. 11520 (516) TN 8-1111	297	Pel-Freez Bio-Animals, Inc. Box 68 Rogers, Ark. 72756 (501) 636-2244
279	National Band & Tag Company 721 - 725 York St. Newport, Ky. 41072 (606) 261-2035	299	Pennsylvania Scale Company 21 Graybill Rd. Leola, Pa. 17540 (717) 656-3911
281	Norwich Wire Works, Inc. 17 State St. Norwich, N.Y. 13815 (607) 334-3034	300	Percival Refrigeration and Manufacturing Co., Inc. 1440 Walnut St. Des Moines, Iowa 50307 (515) 244-4115
283	Nuclear Associates 35 Urban Ave. Westbury, N.Y. 11590 (516) 333-9344	301	Samuel Perkins Company 1112 Boylston St. Boston, Mass. 02215 (617) RE 4-7150
285	Nuclear Supply & Service Co. 422 Washington Bldg. Washington, D.C. 20005 (202) ST 3-3480	302	Pfeiffer Glass Inc. 140 Bennington Dr. Rochester, N.Y. 14616 (716) 865-1290
287	Nutritional Biochemicals Corporation 26201 Miles Rd. Cleveland, Ohio 44128 (216) 662-0212	303	Pfeiffer Research Instruments Beryllium Manufacturing Corp. 253 W. Merrick Rd. Valley Stream, N.Y. 11580 (516) LO 1-9330
289	Oakite Products, Inc. 50 Valley Rd. Berkeley Heights, N.J. 07922 (201) 464-6900	304	"PLAS-LABS" 917 E. Chilson St. Lansing, Mich. 48906 (517) 487-0122
290	Old Mother Hubbard Dog Food Co., Inc. P.O. Box 329 Gloucester, Mass. 01930 (617) 283-0944	305	Plastifab Manufacturing & Supply, Inc. 4087 Elbern Ave. Columbus, Ohio 43213
291	Olympus Corp. of America 1190 Brooks Ave. Rochester, N.Y. 14624 (716) 436-4070	307	Porter Mathews Scientific Company U.S. Rte. 1 Princeton, N.J. 08540 (609) 921-2550
293	P & R Chemical Co., Inc. P.O. Box 531 Metuchen, N.J. 08840 (201) 548-5107	309	The Price-Wilhoite Co. P.O. Box 430 Frederick, Md. 21701 (301) 662-2134

MANUFACTURER CODES AND ADDRESSES Continued

Code	Name and Address of Firm	Code	Name and Address of Firm
311	Process & Instruments Corporation 1943 Broadway Brooklyn, N.Y. 11207 (212) GL 2-8380	335	Schroer Mfg. Company, Inc. Shor Line Div. 2221 Campbell Kansas City, Mo. 64108 (816) 471-0488
313	Products International Company 2345 W. Holly Phoenix, Ariz. 85009 (602) 254-0608	337	Schwarz Bio Research Mountain View Ave. Orangeburg, N.Y. 10962 (914) 359-2700
315	Professional Veterinary Services, Inc. 683 W. 26 St. Hialeah, Fla. 33010 (305) 888-1932	339	Peter J. Schweitzer Division Kimberly-Clark Corporation Windom, Minn. 56101 (507) 831-3444
317	Ralston Purina Co. 835 S. 8th St. St. Louis, Mo. 63199 (314) CH 1-3600	341	Scientific Prototype Mfg. Corp. 615 W. 131 St. New York, N.Y. 10027 (212) 368-6000
319	RAMCO Equipment Corporation 40 Montgomery St. Hillside, N.J. 07205 (201) 687-6700	343	Sherwood Medical Industries, Inc. 1831 Olive St. St. Louis, Mo. 63103 (314) 621-7788
321	The Randolph Company 1018 Rosine St. P.O. Box 13396 Houston, Tex. 77019 (713) 526-2091	345	Skidmore Enterprises 275 W. Mitchell Ave. Cincinnati, Ohio 45232 (513) 542-6161 or 542-6162
323	Ransohoff Company Fifth St. at Ford Blvd. Hamilton, Ohio 45011 (513) 893-5813	347	SMECO Industries, Inc. 4800 S. Hoyne Ave. Chicago, Ill. 60609 (312) 254-4910
325	Reflector Hardware Corporation 1400 N. 25th Ave. Melrose Park, Ill. 60160 (312) FI 5-2500	349	Snyder Laboratories 1458 5th St., N.W. New Philadelphia, Ohio 44663 (216) 343-8801
327	Research Equipment Company, Inc. P.O. Box 1151 Bryan, Tex. 77801 (713) 822-6127	351	Snyder Mfg. Co. 5500 E. Pacific Place Denver, Colo. 80222 (303) 756-1932
329	Rex Metal-Craft Inc. 1717 Gent Ave. Indianapolis, Ind. 46207 (317) 639-3411	353	Southern Cross Manufacturing Corp. 14 N. Main St. Chambersburg, Pa. 17201 (717) 264-7158
331	Rossing and Son P.O. Box 143 Ft. Atkinson, Wis. 53538 (414) 563-6643	355	Ted Stockwell Manufacturing Company 117 North St. Morenci, Mich. 49265 (313) 6236
333	Sani-Cage Manufacturing Company 1231 W. 103rd St. Chicago, Ill. 60643 (312) 239-3703	357	C. H. Stoelting Company 424 N. Homan Ave. Chicago, Ill. 60624 (312) 722-3833

MANUFACTURER CODES AND ADDRESSES Continued

Code	Name and Address of Firm	Code	Name and Address of Firm
359	Structural Laboratories Co. 18 Knollwood Dr. Port Chester, N.Y. 10573 (212) LE 2-7899	382	"U N O" Manufacturing Company P.O. Box 55 Belmar, N.J. 07719 (201) 681-6653
361	Sturdy Dog Food Co. 2103 W. Genesee St. Syracuse, N.Y. 13209 (315) 468-4111	383	U. S. Stoneware, Inc., A Subsidiary of Norton Company Plastics and Synthetics Division P.O. Box 350 Akron, Ohio 44309 (216) 633-3224
363	Swift Instruments, Inc. 1190 N. 4th St. San Jose, Calif. 95112 (408) 293-2380	385	Usen Products Company 209 New Boston St. Woburn, Mass. 01801 (617) 935-3000
365	Syrall Manufacturing Co., Inc. 319 N. Salina St. Syracuse, N.Y. 13203 (315) 471-4934	387	Vesta Laboratories, Division of W. R. Grace & Co. 4963 Manchester Ave. St. Louis, Mo. 63110 (314) 535-1810
367	Systems Engineering P.O. Box 2444 Napa, Calif. 94558 (707) 255-2485	389	Vickers Instruments, Inc. 15 Waite Ct. Malden, Mass. 02148 (617) 324-6666
369	Technical Instrument Co. Scientific and Precision Instruments 348 6th St. San Francisco, Calif. 94103 (415) 431-8231	391	The Vollrath Company 1236 N. 18th St. Sheboygan, Wis. 53081 (414) 457-4851
371	Technology/Welded Products, Inc. 335 N. Griffin St. Grand Haven, Mich. 49417 (616) 842-8030	392	Wagner Mfg. Co., Inc. 98 Main St. Townsend, Mass. 01469 (617) 597-2074
372	Theracon, Inc. Box 1493 Topeka, Kans. 66601 (913) 233-7451	393	Wahmann Manufacturing Company P. O. Box 6883 Baltimore, Md. 21204 (301) 252-2000
373	Teklad, Incorporated P.O. Box 348, (55 Public Sq.) Monmouth, Ill. 61462 (309) 734-3819 or 734-3824	395	Wall Tube & Metal Products Company P.O. Box 330 Newport, Tenn. 37821 (615) 623-2391
375	Thermovac Industries Corp. 41 Decker St. Copiague, N.Y. 11726 (516) 691-9050	397	J. A. Webster, Inc. 151 Foundry St. Wakefield, Mass. 01880 (617) 245-0735
377	The Torsion Balance Company 35 Monhegan St. Clifton, N.J. 07013 (201) 473-6900	399	Wenger Mixer Manufacturing John Hancock Building Suite 522 800 W. 47th St. Kansas City, Mo. 64112 (816) 531-6833
379	Henry Troemner, Inc. 6825 Greenway Ave. Philadelphia, Pa. 19142 (215) 724-0800	401	Will Scientific, Inc. P.O. Box 1050 Rochester, N.Y. 14603 (716) 271-8200
381	Unifab Corporation 5260 Lovers Lane Rd. Kalamazoo, Mich. 49002 (616) 382-2803		

MANUFACTURER CODES AND ADDRESSES Continued

Code	Name and Address of Firm	Code	Name and Address of Firm
401	Will Scientific, Inc. Box 20155-Sta. N. Atlanta, Ga. 30325 (404) 351-3872	403	Wilson & Co., Inc. Prudential Plaza Chicago, Ill. 60601 (312) 527-4600
401	Will Scientific, Inc. Box 5195 Baltimore, Md. 21224 (301) 342-4850	405	Woodard Asiatic Corporation P.O. Box 8125 International Airport San Francisco, Calif. 94128 (415) 697-3747
401	Will Scientific, Inc. Box 529 Cambridge, Mass. 02139 (617) 547-6933	407	Woodard Research Corporation 12310 Pinecrest Rd. Herndon, Va. 22070 (703) 437-1600
401	Will Scientific, Inc. Box 182 Buffalo, N.Y. 14240 (716) 885-6383	409	R. G. Wright Company, Division Ritter Pfaudler Corporation 2280 Niagara St. Buffalo, N.Y. 14207 (716) 877-0700
401	Will Scientific, Inc. Box 2055 Columbus, Ohio 43216 (614) 228-5527	411	Wyandotte Chemicals Corporation J. B. Ford Division Wyandotte, Mich. 48192 (313) 282-3300
401	Will Scientific, Inc. Box 456 Nitro, W. Va. 25143 (304) 755-4378	413	Yellow Springs Instrument Co., Inc. P.O. Box 279 Yellow Springs, Ohio 45387 (513) 767-7242
401	Will Scientific of NYC, Inc. Box 23-High Bridge Sta. Bronx, N.Y. 10452 (212) 294-3000	415	Zoological Center, International 15W506 W. 63rd. (Burr Ridge) Hinsdale, Ill. 60521 (312) 325-3256
401	Will Scientific, Inc. Box 52 Ann Arbor, Mich. 48107 (313) 662-5634		

VI
CODES AND ADDRESSES
FOR SOURCES OF
LABORATORY ANIMALS

BREEDER AND SUPPLIER CODES AND ADDRESSES

Code	Name and Address	Code	Name and Address
AAE	A & E Farms, Inc. R. D. 2, Box 422 Altamont, N.Y. 12009 (518) 765-2240	ARY	Mt. Airy Laboratories, Inc. Box 26 Woodsboro, Md. 21798 (301) 845-8600
AAI	American Animal Industries, Div. of Hazleton-Saunders, Inc. Rte. 3, P.O. Box 303-A Sheridan, Ind. 46069 (317) 896-2614	ASH	Ashby Rabbit Ranch Rte. 2, Box 339A Poplar Bluff, Mo. 63901 (314) 785-9590
ABR	Abrams Small Stock Breeders, Inc. P.O. Box 6536 Chicago, Ill. 60680 (313) 842-7306	ATK	*Atlantic Kennels, Inc. R.R.1, Box 167 Zionsville, Ind. 46077 (317) 873-2336
ADV	Adventure Hill Farm Highway 31 North Clinton, N.J. 08809 (201) 638-6676	AZO	AZO Research Associates 1205 San Pablo Ave. Berkeley, Calif. 94706 (415) 525-1962
ALB	Albino Farms P.O. Box 331 Red Bank, N.J. 07701 (201) 747-3816	BAB	Babcock Poultry Farm, Inc. P.O. Box 280 Ithaca, N.Y. 14850 (607) 272-5990
ALI	M. A. Jonab Ali Raypara Road, P.O. Box 41 Khulna, East Pakistan 3793-Khulna	BAD	Badger Research Corporation Box 527 Madison, Wis. 53701 (608) 256-6064
ANT	ANTEC Corporation P.O. Box 909 Leesburg, Va. 20852 (703) 777-1144	BAN	Stuart E. Banta 152 S. Pawling St. Hagaman, N.Y. 12086 (518) 843-1827 or 842-4630
AOR	A-1 Rabbitry 3801 Gragg Ave. Memphis, Tenn. 38108 (901) 386-8653	BAR	Bar-Wan Rabbitry & Kennels, Inc. Rte. 1, Box 60 Crocker, Mo. 65452 (314) 774-6645
ARC	Arrowhead Caviary & Rabbitry Rte. 3, Box 190 Bellevue, Mich. 49021 (616) 758-3599	BBC	Beniteau Bird Company 24870 Tepper St. East Detroit, Mich. 48021 (313) 772-4113
ARF	The Arrows Rabbit Farm Rte. 4, Box 194 Statesville, N.C. 28677 (704) 872-5909	BBK	Barr Beagle Kennels Rte. 2 Greenwood, Wis. 54437 (715) 267-6335
ARI	Animal Resources, Inc. P.O. Box 67 Woodsboro, Md. 21798 (301) 845-8040	BEG	Beagles for Research Inc. P.O. Box 1065 Dublin, Va. 24084 (703) 674-5113 or 5205

NOTES: Asterisks designate members of the Laboratory Animal Breeders Association, an organization established to "promote and maintain ethical practices in regard to the production and marketing of laboratory animals."
Numbers within parentheses are Area Code numbers.

BREEDER AND SUPPLIER CODES AND ADDRESSES Continued

Code	Name and Address	Code	Name and Address
BEG	Beagles for Research, Inc. Green Hills Farm White Sulphur Springs, N.Y. 12787 (914) 292-8488	BUN	Bunnyrun 360 S. Third Ave. La Puente, Calif. 91746 (213) ED 6-2287
BEI	Beaumanor Farms 1712 Sheridan Rd. Cleveland, Ohio 44121 (216) 248-6641	CAM	Camm Research Institute, Inc. 414 Black Oak Ridge Rd. Wayne, N.J. 07470 (201) 694-0703
BEJ	Bee-Ridge Rabbitry 1400 Jamison Rd. Elma, N.Y. 14059 (716) 652-4796	CAN	*Canadian Breeding Laboratories 188 Lasalle St. St. Constant, Laprairie Cte., P.Q., Canada (514) 365-3211 or 632-3280
BEL	Bellewood Farm R.D.1 Englishtown, N.J. 07726 (201) 536-9348	CAO	Canadian Research Animal Farms R.R.2 Bradford/Ontario, Canada (416) 775-2609
BLA	Buckberg Lab Animals Box 4 Tomkins Cove, N.Y. 10986 (914) 786-5032	CAW	*Carworth-Lab Cages, Division Becton, Dickinson & Company 216 Congers Rd. New City, N.Y. 10956 (914) NE 4-8931
BLU	Blue Spruce Farms, Inc. Gardner Rd. Altamont, N.Y. 12009 (518) 861-8583 or 8584	CAY	Ronald N. Casey 27 Neubauer Ct. West Seneca, N.Y. 14224 (716) 822-0997
BRI	Charles M. Brink Rte. 2, Box 13 Paola, Kan. 66071 (913) AX 4-2906	CED	Cedarland Caviary 2138 N. 148 St. Seattle, Wash. 98133 (206) 362-2004
BRK	Broken Arrow Kennels Box 111 McConnellsburg, Pa. 17233 (717) 485-3473	CER	Cernac Laboratory, Inc. 68 Charlton St. New York, N.Y. 10014 (212) 691-3555
BRO	Brookside Farm East Stroudsburg, Pa. 18301 (717) 421-6880	CFR	Circle F Rabbitry B. E. Freeman R.R.2, Box 106 Leon, Kans. 67974 (316) SP 5-6723
BRP	Blue Ribbon Pet Farm 14300 S. W. 86th Ave. Miami, Fla. 33155 (305) 238-1173	CHC	Charles P. Chase Co., Inc. 7330 N. W. 66th St. Miami, Fla. 33166 (305) 888-5263
BSA	Bio-Science Animal Laboratories 411 Pendleton Way Oakland, Calif. 94621 (415) 638-7174	CHE	Cherokee Feed & Laboratory Supply Co. 231 Buckhead Ave. Atlanta, Ga. 30305 (404) 261-1877
BUC	Warren E. Buck 225 - 6th Ave. Glendora, N.J. 08029 (609) 931-8804	CHI	Chick Line Company 604 E. Garden Rd. Vineland, N.J. 08360 (609) 692-4719
BUK	The Buckshire Corp. Edge M.R.1 Perkasie, Pa. 18944 (215) 257-7148		

BREEDER AND SUPPLIER CODES AND ADDRESSES Continued

Code	Name and Address	Code	Name and Address
CIA	Circle S Animal Supply R.D. 1, Pen Argyl, Pa. 18072 (215) 863-5850	CUM	*Cumberland View Farms Rte. 3 Clinton, Tenn. 37716 (615) 457-9414
CIR	Circle W Rabbitry Box 49 Underhill, Vt. 05489 (802) 899-4438	CUR	Curd's Caviary & Animal Supply 787 S. 4th Ave. La Puente, Calif. 91746 (213) ED 3-8970
CKR	Clark's Rabbitry & Worm Ranch Rte. 1, Box 121, Scotland Neck, N.C. 27874 (919) 826-4219	CYN	Cyn-Piera, Inc. 434 W. Dryden Rd. Freeville, N.Y. 13068 (607) 347-4883
CLA	George Clauss 18-19 Saddle River Rd. Fairlawn, N.J. 07410 (201) 796-0115	CZE	John S. Czepiel 26 Paderewski Ave. Chicopee, Mass. 01013 (413) 592-7354
COA	Thomas Coatoam 213 South St. Wattsburg, Pa. 16442 (814) 739-2773	DAN	Davies & Nagle Inc. 32-72 Gale Ave. Long Island City, N.Y. 11101 (212) 392-7365
COF	Colonial Poultry Farms, Inc. Pleasant Hill, Mo. 64080 (816) 987-2137	DAW	Dawson Research Corporation 114 W. Grant Ave. Orlando, Fla. 32806 (305) 423-6465
COL	Colorado Serum Company 4950 York St. Denver, Colo. 80216 (303) 623-5373	DEN	Dennen Animal Industries, Inc. 405 Essex Ave. Gloucester, Mass. 01930 (617) 283-1428
CON	Connecticut Valley Biological Supply Co., Inc. Valley Rd. Southampton, Mass. 01073 (413) 527-4030	DEV	Andrew B. Devitt 1442 S. 75th St. West Allis, Wis. 53214 (414) 771-6136
COU	Cornell Dog Farm 37 Sapsucker Woods Rd. Ithaca, N.Y. 14850 (607) 275-3040 or 3030	DIA	Diamond A Chihuahuas 1106 Hardman Ave. Napa, Calif. 94558 (707) 255-9240
COV	Cornett Lab. Animals 13813 Johnson Dr., Box 3504 Shawnee, Kans. 66203 (913) 631-7254	DIE	Dierolf P.O. Box 26 Boyertown, Pa. 19512 (215) 367-2981
CRL	*The Charles River Breeding Laboratories, Inc. The Chas. River Mouse Farms, Inc. 251 Balliardvale St. Wilmington, Mass. 01887 (617) 658-6000	DOB	DOBOSCO Box 2001 Hamilton, Ohio 45015 (513) 2-5431
CRO	George L. Cross 54 Gifford Dr. Worcester, Mass. 01606 (617) 753-4264	DOG	Dogs for Research 4996 S. Redwood Rd. Murray, Utah 84107 (801) 299-3469
		DUB	Dublin Laboratory Animals, Inc. P.O. Box 1065 Dublin, Va. 24084 (703) 674-5113 or 5205

BREEDER AND SUPPLIER CODES AND ADDRESSES Continued

Code	Name and Address	Code	Name and Address
DUV	Dublin Veterinary Clinic P.O. Box 206 Dublin, Tex. 76446 (817) 445-3325	FDP	The Flying Dutchman Plantation P.O. Box 28513 Memphis, Tenn. 38128 (901) 388-1002 (Ranches in S.C., N.C., Fla., Ga., Tenn., Miss., Ala., Ohio)
EDK	Edwards Kennels 4401 Gren Dell Rd. Chesapeake, Va. 23321 (703) 484-1903	FRA	Franklin's Rabbitry and Supply P.O. Box 1067 Wake Forest, N.C. 27587 (919) 556-4252
EDM	Frank Edmondson R.R.2., Sunnyside Rd. Washington, Ind. 47501 (812) 254-2420	FRE	Alton V. Freeman Spruce Pine, N.C. 28777 (704) 765-4148
EIC	Eich's Rabbitry Box 72 Templeton, Iowa 51463 (712) 361	GER	Gerbil Enterprises Box 633 Springfield, Va. 22150 (703) 321-7406
ELM	Elm Hill Farm 71 Elm St. Chelmsford, Mass. 01824 (617) 256-2322	GIN	Gingrich Animal Supply Rte. 1, Box 189 Fredericksburg, Pa. 17026 (717) 865-2837
ENG	Engle's Hamstery P.O. Box 2024 - Idaho Sta. Terre Haute, Ind. 47802 (812) 235-3451	GOK	Goodwill Kennels Rte. 5 Cynthiana, Ky. 41031 (606) 234-1081
EUR	Thomas Euers' Farm 7500 Cooper La. Austin, Tex. 78745 (512) 442-6690	GRA	Grand Island Biological Company 3175 Staley Rd. Grand Island, N.Y. 14072 (716) 773-7616
EXO	Exotic Animal Importers 519 W. 18th Ave. Kennewick, Wash. 99336 (509) 586-9940	GRU	Gerbils Unlimited P.O. Box 669 East Lansing, Mich. 48823 (517) 669-9281
FAB	FAB Breeding Labs 2 Rose Ct. New City, N.Y. 10956 (914) 634-9068	GUL	Gulf Specimen Company, Inc. P.O. Box 227 Panacea, Fla. 32346 (904) 984-2041
FAR	Fairview Rabbit Farm 151 Fairview La. New Philadelphia, Ohio 44663 (216) 343-3685	GUV	Gulf Coast Worm Gardens 3125 15th Ave. N. Texas City - La Marque, Tex. 77590 (713) WI 5-9864
FLI	Flinn's Rabbitry 160 Ontario St. Albany, N.Y. 12206 (518) 489-6431	HAF	Haley Farm Rte. 4, Box 274 Gretna, Va. 24557 (703) 324-7078
BEG DUB	Flow Laboratories Incorporated 12601 Twinbrook Pkwy. Rockville, Md. 20852 (301) 427-3900	HAI	Henry H. Hamline Rte. 1 Creston, Iowa 50801 (515) 344-4366
		HAM	The Hamster House 1108 Wayne St. Fort Worth, Tex. 76117 (817) 838-5764

BREEDER AND SUPPLIER CODES AND ADDRESSES Continued

Code	Name and Address	Code	Name and Address
HAR	Harlan Industries, Inc. P.O. Box 29176 Cumberland, Ind. 46229 (317) 894-7521	HOT	Holtzman Co. P.O. Box 4068 Madison, Wis. 53711 (608) 256-5573
HAT	Hartelust-Thorsen & Company Monmouth County Airport P.O. Box 488 Belmar, N.J. 07719 (201) 775-5116	HSI	Hazleton-Saunders, Inc. P.O. Box 8 Midlothian, Va. 23113 (703) 492-4181
HAU	Hartford's Bunnyland 11190 Leeko Rd., Rte. 2 Grass Lake, Mich. 49240 (517) 851-4153	HTE	Hartelust-Thorsen & Company European Branch Land van Ravenstein Straat 29 Uden, N.B., The Netherlands 04132-3144
HAY	Haycock Kennaels Inc. R.D. 4 Quakertown, Pa. 18951 (215) 536-8228	HTF	Huntingdon Farms, Inc. 1075 New Dehaven Rd. West Conshohocken, Pa. 19428 (215) 825-1150
HBA	<u>BAR</u> H D Farms R.D. 1, Box 103 Lafayette, N.J. 07848 (201) 383-5635	HUL	Huldah's Caviary Rte. 2, Box 105 Bridge Water, S.D. 57319 (605) 729-2370
HCI	Hazleton-Carbia, Inc. 4343 Sandy Spring Rd. Burtonsville, Md. 20730 (301) 384-7070	INT	International Animal Exchange Inc. 1489 E. Nine Mile Rd. Ferndale, Mich. 48220 (313) 545-3348 or 2820
HEL	Hel 'C' Bob Rabbitry — Hanson Enterprises P.O. Box 357 Westminster, Calif. 92683 (714) 893-6110	ISA	Isaacs' Rabbitry 202 N. Welch St. Hillsboro, Ill. 62049 (217) 532-2785
HEM	Hemlock Hollow Farm 414 Black Oak Ridge Rd. Wayne, N.J. 07470 (201) 694-0703	JAX	The Jackson Laboratory Bar Harbor, Maine 04609 (207) 288-3373
HIL	Hilltop Lab Animals, Inc. P.O. Box 195 Scottsdale, Pa. 15683 (412) 887-8480	JEJ	Jeja, Inc. Freetown Rd. Simpsonville, Md. 21150 (301) 924-4501
HLA	Horton's Laboratory Animals, Inc. 20151 Thompson Rd. Los Gatos, Calif. 95030 (408) 354-6661	KAF	K-G Farms, Inc. 3651 Hill Rd. Parsippany, N.J. 07054 (201) 334-6104
HML	The Harborton Marine Laboratory Box 11 Harborton, Va. 23389 (703) 442-4669, Ext. 3186, or (301) 496-8019 or (301) 489-4225	KEN	Kennedy Small Stock Farm 6487 Townline Rd. North Tonawanda, N.Y. 14120 (716) 433-2432
HOR	High Oak Ranch Limited Rte. 1, Richmond Hill Ontario, Canada (516) 884-2580	KIM	Kimber Farms, Inc. P.O. Box 2008 Fremont, Calif. 94536 (415) 793-4521
		LAB	LAB ASSOCIATES, Inc. 13640 132nd Ave. N.E. Kirkland, Wash. 98033 (206) 254-5518

BREEDER AND SUPPLIER CODES AND ADDRESSES Continued

Code	Name and Address	Code	Name and Address
LAH	Laboratory Animals 2224 Savoy Ave. Akron, Ohio 44305 (216) RE 3-1758	LOM	George Lomax Opdyke, Ill. 62872 (618) 242-0468
LAI	Laboratory Supply Company 5010 Mooresville Rd. Indianapolis, Ind. 46241 (317) 856-5213	LRE	Laboratory Research Enterprises 5040 Meredith Rd. Kalamazoo, Mich. 49002 (616) 342-9865
LAK	*Lakeview Hamster Colony P.O. Box 85 Newfield, N.J. 08344 (609) 691-2786	LTK	Lone Trail Kennels P.O. Box 46 Friedensburg, Pa. 17933 (717) 739-2111
LAR	Larmore Hamstery 407 Blaine St. Knightstown, Ind. 46148 (1-317) 345-5371	MAB	Mainridge Small Stock Center 2114 Troy Ave. Madison, Ill. 62060 (618) 452-3320
LAS	Lab Stock Box 244, 1011 N. Walnut Litchfield, Ill. 62056 (217) 324-4681	MAC	Mackesey Farms 1330 E. Badger Rd. Rte. 3 Madison, Wis. 53713
LEA	Leach Kennels Chase City, Va. 23924 (703) 372-3558	MAI	*Microbiological Associates, Inc. Walkersville, Md. 21793 (301) 845-8031
LEE	Lee's Small Animal Supply 2617 Mark West Station Rd. Windsor, Calif. 95492 (707) 545-7955	MAL	*Manor Research North Staatsburg, N.Y. 12580 (914) 876-3226
LEM	The Lemberger Co. 1222 W. South Park Ave. Oshkosh, Wis. 54901 (414) 231-8410	MAL	Manor Research Isla de Culebra Puerto Rico 00909 (914) 876-3226
LEW	Lew-Rab Enterprises, Inc. Westfield, Pa. 16950 (814) 367-5277	MAR	Marland Breeding Farms, Inc. 580 Fairfield Rd. Wayne, N.J. 07470 (201) 694-5569
LIG	Lightner Enterprises P.O. Box 215 Thompstown, Pa. 17094 (717) 535-5429	MBF	Meadow Brook Farm & Co. 10555 Gratiot St. Richmond, Mich. 48062 (313) 727-9975 or (313) 392-2687
LIN	R. E. Lininger R.D. 1, Box 136 Mill Run, Pa. 15464 (412) 455-3566	MDF	Harold Miller Box 45 Granger, Mo. 63442
LIS	Life Sciences, Inc. 2950 72nd St. N. St. Petersburg, Fla. 33702	MDX	Maxfield Animal Supply Box 44004 Cincinnati, Ohio 45244 (513) 561-9100
LOG	Log Cabin Pottery Small Animal Breeders Highway 31-202 Flemington, N.J. 08822 (201) 786-6432	MER	Merrick Laboratories Manula, Ia. 51454 (712) 654-3222 or 3224
		MHI	Russell Miller Farms R.D. 3 Cazenovia, N.Y. 13035 (315) 615-3023

BREEDER AND SUPPLIER CODES AND ADDRESSES Continued

Code	Name and Address	Code	Name and Address
MIL	*Millerton Research Farm, Inc. Rudd Pond Rd. Millerton, N.Y. 12546 (911) 789-4644	OAC	Oak Shadows Farm Rte. 8, 5933 S. 9th St. Kalamazoo, Mich. 49001 (616) 342-8682
MIV	Virginia G. Mills 4309 Evergreen La. Annandale, Va. 22003 (703) 256-1964	GBR	Marvin O'Brien Rte. 3, Sycene Rd. Madison, Wis. 53713 (608) 255-1425
MOS	Morrison's Rabbit and Pheasant Farm Box 295 Hiram, Ohio 44234 (274) 2697	OCR	Oak Crest Rabbitry Box 1115 Minnetonka, Minn. 55343 (612) 938-8350
MRA	Marshall Research Animals, Inc. North Rose, N.Y. 14516 (515) 537-2295	OGR	Flora O'Grady 2336 Gunther Ave. New York, N.Y. 10469 (212) OL 2-7777
MVF	Mountain View Farm Rte. 2 Salem Rd. Jasper, Ga. 30143 (404) 652-3657 or 3503	OLD	Old Dominion Cavy Farm R.F.D. 2 Waynesboro, Va. 22980 (703) 942-2524
MYE	Harry E. Myers Laboratory Animals R.D. 6 York, Pa. 17404 (717) 792-1660	OLO	Con Olson Co. Inc. E. 621 Madison, Wis. 53711 (608) 437-5204
NAT	*National Laboratory Animal Co. P.O. Box 12939 Creve Coeur, Mo. 63141 (314) 872-3377	OMB	Omie Beagle Kennels R.R. 1, Box 231 Rococo, Ill. 61073 (815) 623-2089
NBS	Northern Biological Supply 455 S. Arch Ave. New Richmond, Wis. 54017 (715) 246-4956	OSC	Osceola Cavies and Small Animal Farm 2522 Beaumont Ave. Kissimmee, Fla. 32741 (305) 847-3409
NEA	Newhall Aviary 11045 E. Tokay Colony Rd. Lodi, Calif. 95240 (209) 931-2479 or (209) 369-4152	PAL	Palmetto Pigeon Plant P.O. Box 1585 Sumter, S.C. 29150 (803) 775-1204
NEW	New Yorkville Laboratory Animals 300 Clarkson Ave. Staten Island, N.Y. 10312 (212) 984-8619	PAR	Paramount Aquarium - Ertrachter Fish Farm Rte. 5, Box 5 Tampa, Fla. 33614 (813) 884-3585
NEY	New York Breeding Laboratory 267 Congers Rd., P.O. Box 114 New City, N.Y. 10956 (914) 634-6694	PBA	Pel-Freez Bio-Animals, Inc. P.O. Box 68 Rogers, Ark. 72756 (501) 636-2235
NMN	Sammie S. Norman Box 3 Hurlwood, Tex. 79328 (806) 825-4345	PBM	Pacific Bio-Marine Supply Co. P.O. Box 536 Venice, Calif. 90291 (213) 397-7281 or (213) 391-8307
NTC	Newtown Cavy 42 Scudder Rd. Newtown, Conn. 06470 (203) 426-0044		

BREEDER AND SUPPLIER CODES AND ADDRESSES Continued

Code	Name and Address	Code	Name and Address
PEH	Peterson Hamsters Rte. 1, Box 492 Burlington, N.C. 27215 (919) 227-2524 or (919) 584-6240	RAW	Rawley Farms 45805 Ann Arbor Rd. Plymouth, Mich. 48179 (313) 453-4780
PEN	Pentex Incorporated P.O. Box 272 Kankakee, Ill. 60901 (815) 939-3513	RDR	Redlands Rabbitry 2887 S. W. 34th Ave. Miami, Fla. 33133 (305) 444-0190
PEP	Perfection Breeders, Inc. P.O. Box 75 Douglassville, Pa. 19518 (215) 385-3600	RSA	Red Pine, Inc. Willwood Rd. Wilhard, Wis. 54493 (715) 743-3064
PET	The Pet Corral 4146 Oracle Rd. Tucson, Ariz. 85705 (602) 887-2484	RED	Redwood Game Farms and Laboratory 1955 N. Redwood Rd. Salt Lake City, Utah 84116 (801) 355-3511
PEI	The Pet Farm Inc. 3316 N. W. South River Dr. Miami, Fla. 33142 (305) 633-6919	RFB	Rare Feline Breeding Compound P.O. Box 132 Center Hill, Fla. 33514 (904) 793-3642
PHI	C. A. Phillips P.O. Box 102 Cortland, N.Y. 13045 (607) 756-8768	RID	Rider Animal Co., Inc. R.R. 2, Box 270 Brooksville, Fla. 33512 (904) 796-2848
PHR	Park Hill Rabbitry 35 Park Hill Ave. Millbury, Mass. 01527 (617) 754-1239	RLI	Rush Laboratories, Inc. P.O. Box 464 Beaverton, Ore. 97005 (503) 222-5313
POC	Pocono Rabbit Laboratory Dutch Hill Rd. Canadensis, Pa. 18325 (717) 595-7108	RLR	Roseland Research Rte. 1, Box 15 Crete, Ill. 60417 (312) 568-5544
PRM	Primate Imports Corporation 34 Munson St. Port Washington, N.Y. 11050 (516) 767-7945	RMK	Rocky Mountain Kennels P.O. Box 991 Cleveland, Tenn. 37311 (615) 472-6766
PSR	Palmer & Son Rabbitry 1940 Carson Rd. Fort Worth, Tex. 76117 (817) TE 8-3276	ROC	Rockland P.O. Box 316 Gilbertsville, Pa. 19525 (215) 369-1008
PUR	Purebred Animals for Research, Inc. Box 272 Treble Cove Rd. North Billerica, Mass. 01862 (617) 667-6931	ROL	Dan Rolfsmeyer Co. 401 Rolfsmeyer Dr. Madison, Wis. 53713 (608) 256-6149
PUS	Pushkarsky's Rabbitry Rte. 1, Box 700 Lake Cormorant, Miss. 38641 (601) 393-2693	ROM	Roma Kennels, Inc. Main St. Dunstable, Mass. 01827 (617) 649-6814
QUE	The Quebec Breeding Farm Inc. 806 Riviere Nord St. Estache, P.Q., Canada (514) 473-6884	ROY	*Loyalhart Lab. Animals Inc. New Hampton, N.Y. 10958 (914) DR 4-5691 or DR 4-5601

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RQE	Roe-Quinn Kennels 1672S Rte. 700 Burton, Ohio 44021 (216) 834-4330	SMK	Sho-Me Kennels R.R. 1 Grain Valley, Mo. 64029 (816) 613-2634
RRC	Rescue Rabbitry & Caviary Rte. 1, Box 64B Carrollton, Va. 23314 (703) 357-2400	SPA	SPAFAS, Inc. R.F.D. 3 Norwich, Conn. 06360 (203) 889-1389
SAF	Southern Animal Farms 475 Second St. Prattville, Ala. 36067 (205) 367-5082	SPB	Spartan Research Animals, Inc. 5735 N. Shorman Rd. Haslett, Mich. 48840 (517) 655-1100
SCH	A. R. Schmidt Co. Inc. 2826 Latham Dr. Madison, Wis. 53713 (608) 257-5717	SPD	*Sprague-Dawley, Inc. P.O. Box 4220, Seminole Hwy. Madison, Wis. 53711 (608) 233-5318
SHA	Shamrock Farms, Inc. R.D. 2 Middletown, N.Y. 10940 (914) 612-2961	SSH	Sunnyside Hatchery 215 W. Netherwood St. Oregon, Wis. 53575 (608) 835-3171
SHO	The "Show Me" Farm Rte. 4, Box 197D Martinsburg, W. Va. 25401 (301) 263-1585	SIE	E. G. Steinhilber & Co., Inc. 102 Josslyn St. Oshkosh, Wis. 54901 (414) 235-1990
SHR	Southwestern Herpetological Research and Sales P. O. Box 282 Calimesa, Calif. 92320 (714) 797-3272	STF	The Stout Farms 5185 Madden Rd. Dexter, Mich. 48130 (313) 426-4321
SIM	Simonsen Laboratories, Inc. Rte. 1, Box 129, Day Rd. Gilroy, Calif. 95020 (408) 842-2169	STT	Stuttles Guinea Pig Farm P.O. Box 216 Bristol, Pa. 19007 (215) 788-1178
SIN	*Simonsen Laboratories, Inc. 5228 Centerville Rd. P. O. Box 8586 White Bear Lake, Minn. 55110 (612) 429-7728	SUN	Sunnybrook Poultry Farms Inc. R.D. 2 Hudson, N.Y. 12534 (518) 828-1611
SKI	Miss Sue E. R. Skinner 21706 Hart St. Canoga Park, Calif. 91303 (213) 340-4572	SUO	Sunrise Mousery & Caviary R.D. 2, Ridge Rd. Whitehouse Station, N.J. 08889 (201) 534-4500
SLR	Shangri La Kennels 750 Greenville Ave. Johnston, R.I. 02919 (401) 231-9193	SUT	Arthur Sutter Co. 1813 W. Phelps Springfield, Mo. 65802 (417) 869-5242
SMA	Shady Maple Animal Farm Box 132 East Berkshire, Vt. 05447 (802) 933-7281	TAC	*Taconic Farms Inc. Germantown, N.Y. 12526 (518) 637-6208
		TAR	Tarpon Zoo, Inc. P.O. Box 847 Tarpon Springs, Fla. 33589 (813) 937-4201

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Code	Name and Address	Code	Name and Address
TAY	Horace Taylor 620 Miami St. Tiffin, Ohio 44883 (419) 447-0720	VAN	G. van den Brink, N.V. Den Bliklaan 52a P.O. Box 15 Soest, The Netherlands (02155) 2844 or 2184
TCF	Thorn Creek Farms R.D. 1, Box 310 Saxonburg, Pa. 16056 (412) 352-3359	VGY	The Virginia Gerbilry 4932 Farrington Dr. Virginia Beach, Va. 23455 (703) 464-2806
TDR	Thistledown Rabbitry R.D. 1, East Lake Rd. Canandaigua, N.Y. 14424 (315) 394-1495	VII	Vita Private Limited 32 Alipore Road Civil Lines Delhi 6, India Delhi 220576
TEX	Texas Inbred Mice Company 305 Alameda-Genoa Rd. Houston, Tex. 77047 (713) 433-1585 or 0653	VIV	Vita Vet Labs. P.O. Box 587 Marion, Ind. 46952 (317) 664-0013
THE	Theracon, Inc. Box 1493 Topeka, Kans. 66601 (913) 233-7451	WAC	Woodard Asiatic Corporation P.O. Box 8125, Intl. Airport San Francisco, Calif. 94128 (415) 697-3747
THR	Three Springs Kennels Co., Inc. 146 Bascom St. Pittsburgh, Pa. 15214 (412) 931-2003	WAR	Lewis N. Warren Box 125 Pana, Ill. 62557 (217) 562-3516
TOT	Tote Em In Zoo Rte. 2, Box 368 Wilmington, N.C. 28401 (919) 791-0472	WAY	West Gate Hills Rabbitry 1460 Stokes Park Rd. Bethlehem, Pa. 18017 (215) 867-5667
TOW	Town Line Poultry Farm Zeeland, Mich. 49464 (616) PR 2-6514	WBC	Ward Bowen Chickery Union Star, Mo. 64494 (816) 141
TRE	Trefflich's Inc. Whitehouse Station, N.J. 08889 (201) 534-4060	WBS	West Jersey Biological Supply S. Marion Ave. Wenonah, N.J. 08090 (609) UL 7-0861
TRF	Thompson Research Foundation Rte. 1, Box 97 Monee, Ill. 60449 (312) 563-8500	WHI	White Animal Farm. R.F.D. 4 Scarboro, Maine 04074 (207) 883-4437
TRI	Tri-Co Research Projects, Inc. 5460 S. 12th St Kalamazoo, Mich. 49001 (616) 349-5858	WHL	White Eagle Farms R.D. 3, 2615 Lower State Rd., Doylestown, Pa. 18901 (215) 348-9159
TRS	Truslow Farms Incorporated Chestertown, Md. 21620 (301) 778-3000 or 0644	WHY	Whitney Animal Laboratories R.D. 3 Horseheads, N.Y. 14845 (864) 739-5456
TUM	Tumblebrook Farm, Inc. Brant Lake, N.Y. 12815 (518) 494-3020	WIL	Jack Wilson Rabbitry P.O. Box 81 South Coffeyville, Okla. 74072 (918) BL 5-6250
TWN	Twin Oak Farm Creek & Cox Rds. Moorstown, N.J. 08057 (609) 235-2908 or (609) 461-3775		

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Code	Name and Address	Code	Name and Address
WIN	Windy Acres Farm R.D. 2 Altamont, N.Y. 12009 (518) 861-6672	ZEE	E. J. Zeehandelaar Inc. 405 North Ave. New Rochelle, N.Y. 10801 (914) 636-2096
WIP	Wiltshire Poultry Farm 203 Upper Heckman Rd. North Versailles, Pa. 15137 (412) 672-5845	ZML	Zivic-Miller Laboratories, Inc. 3848 Hieber Rd. Allison Park, Pa. 15101 (412) 486-7404 or 0722
WOC	Woodard Research Corporation 12310 Pinecrest Rd. Herndon, Va. 22070 (703) 437-1600	ZOF	Zoological Fauna 1526 W. Highland Ave. Chicago, Ill. 60626 (312) AM 2-3899
WOD	Woodman Animal Farm 17 Waltham Rd. Wayland, Mass. 01778 (617) 358-2188	ZOO	Zoological Center, International 15W506 W. 63rd (Burr Ridge) Hinsdale, Ill. 60521 (312) 325-3256
WWA	World-Wide Animal Brokers, Inc. Lombard & Exeter Sts. Baltimore, Md. 21202 (301) 342-5815	ZUC	Zucca's Hamstery P.O. Box 507, Allen Ave. Vineland, N.J. 08360 (609) 691-3018
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