



Laboratory Animals: II. Animals for Research (1964)

Pages
94

Size
6 x 9

ISBN
0309364345

Institute of Laboratory Animal Resources; National
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Laboratory Animals

II. Animals for Research

(Revised August, 1964)

A Directory of Sources of
Laboratory Animals, Equipment, and Materials

A Report of
INSTITUTE OF LABORATORY ANIMAL RESOURCES
National Academy of Sciences—National Research Council

15202

Publication 1199
NATIONAL ACADEMY OF SCIENCES—NATIONAL RESEARCH COUNCIL
Washington, D. C.
1964

6360
Pt. 2
1964

This publication was supported in part by Grant GM-03991 from the United States Public Health Service; Grant #RC-1F from the American Cancer Society, Inc.; Contract Nonr-2300(24) with the Office of Naval Research, United States Army, and United States Air Force; and Contract AT(49-1)643 with the United States Atomic Energy Commission.

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Available from

Printing and Publishing Office
National Academy of Sciences
2101 Constitution Avenue, N.W.
Washington, D. C.

Price \$2.00

Library of Congress
Catalog Card Number 63-60071

I. Common Domestic Laboratory Animals

GALLIFORMES

Gallus domesticus—Domestic Chicks

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
Babcock B-300	S.C. White Leghorn	Strain Cross	BAB
Babcock B-370	Calif. Gray & White Leghorn	Breed Cross	BAB
Bantam, common			WHI
Barred Rock	Harco	Linebred	TRS
Brown Leghorn	Sunnybrook Farms	Linebred	TRS
Cornish Rock	Cornish male— White Rock female	Peterson Cornish Blue Diamond W. Rock	SUN
Dominant White Cornish type, PPLO-S6 free	Synthetic 1958	Purebred line	COB
New Hampshire	Hubbard Farms	Pedigreed	HUB
Rhode Island Red		Closed flock	HAB
Rhode Island Red	Harco	Linebred	TRS
Sex linked Crosses	S.L.X.	R. I. Red and Barred Rock	HAB
Sex linked Crosses	Harco	Linebred	TRS
White Leghorn	Honegger Breeder Farms	Strain Cross	SUN
White Leghorn	Queen	Strain Cross	HAB
White Leghorn		Random	RED
White Leghorn- DeKalb 131 and 151	DeKalb Agric. Assn.	Inbred Crosses	TRS
White Rock, PPLO-S6 free	Strain purchased 1948	Purebred line	COB
White Rock	Pilch	Linebred	TRS
Not designated			WOM, ZOO

Gallus domesticus—Domestic Chick Embryos

Anthony	White Leghorn	Random	SHG
Barred Rock	Harco	Linebred	TRS
Brown Leghorn	Sunnybrook Farms	Linebred	TRS
DeKalb	DeKalb	Random	SHG
Rhode Island Red	Harco	Linebred	TRS
Sex link crosses	Harco	Linebred	TRS
SPAFAS Commercial RIF Free	Mt. Hope	Closed flock	SPA
White Leghorn	Honegger Breeder Farms	Strain cross	SUN
White Leghorn- DeKalb 131 and 151	DeKalb Agric. Assn.	Inbred crosses	TRS
White Rock	Pilch Not designated	Linebred	TRS LEM

Meleagris gallopavo—Domestic Turkeys and Embryos

Strain Designation	Strain Origin	Breeding System	Code
Beltsville White	Beltsville	Linebred	TRS
Broad-breasted Bronze		Linebred	TRS

LAGOMORPHA

Oryctolagus cuniculus—Domestic Rabbits

American Blue	Opal to Blue Vienna 1935	Selective	CLO
American Chinchilla		Random	ARR
American Dutch		Linebred	BIC, HIC
American White	Clovelly, 1935	Selective	CLO
Belgian Hare		Linebred	HEL
Beveren, blue-eyed		Random	HEL
Black and tan		Linebred	HEL
Black Angora	White Angora- Black Rex, 1945		CLO
Black Rex	Clovelly 1934	Selective	CLO
Black Silver Marten	Off color, chinchilla	Linebred	PEX
Blue and Sable	Off color, chinchilla	Linebred	PEX
Blue Rex		Linebred	CLO, RED
Blue Vienna	Clovelly 1932	Selective	CLO
Californian	Animal Supply Co.	Random	ANL
Californian	Thomson Farm	Random	DRU
Californian		Random	BEA, BUN, HAU, KIN
Californian	Std. Chin., Himalayan and N.Z.W. 1928	Linebred	PEX
Californian	Schaefer's, DexHill	Linebred	WEG
Californian		Linebred	HEL, IRM, POP, THR
California Dutch		Random	ELM
Champagne		Selective	HEL
Champagne D'Argent	French import	Linebred	PEX
Checkered Giant	Thomson Farm	Random	DRU
Checkered Giant		Selective	HIF, THR
Chinchilla		Linebred	CAR, HEL, IRM, POP
Chinchilla	Smallest of Chins. 1919	Linebred	PEX
Chinchilla		Random	DRU, GEI, HEA, ROC, STK
Chinchilla	Thompson, 10 to 30 generations		THO
Chinchilla		Selective	HIF, LIG
Chinchilla, giant		Random	CLO
Chinchilla, giant		Selective	CLO, LAD
Chinchilla lanigera	High Andes	Linebred	MDR
Chinchilla Rex	Clovelly, Benedict	Linebred	CLO
Chocolate Polish		Random	HEL
Copper Satin		Selective	HEL
Dutch		Linebred	ABR, CAR, HEN, LAE, POP, WED, WHI

Oryctolagus cuniculus—Domestic Rabbits—Continued

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
Dutch		Random	ARR, CZE, DIE, GEI, INA, LAE, REP, ROC, THR, WED
Dutch	Thomson Farm	Random	DRU, THO
Dutch		Selective	CAL, CUR
Dutch, black		Linebred	SMA
Dutch, black		Selective	BUN, HEL
Dutch, blue		Linebred	HEL, SMA
Dutch, blue		Selective	BUN, HEL
Dutch, Chocolate	Louis-Van Ness-Decker	Selective	BUN
Dutch, gray		Selective	HEL
Dutch, miniature			WHI
Dutch, tortoise		Selective	HEL
Dutch Belt, all colors		Random	HAU
Dutch Belt		Selective	HIF
Dutch Belt (Miniature) (pigmented eye)	1942	Linebred, etc.	BUR
Eich's Dutcher	18 yrs.	Linebred	EIC
English spots (all colors)		Linebred	HEL
Flemish	Thompson	Random	THO
Flemish Giant		Linebred	BAR
Flemish Giant	Thomson Farm	Random	DRU
Flemish Giant		Selective	HIF
Harlequin (Japanese)	England		COA
Harlequin			HEL
Havana		Selective	HEL
Havana Rex	Caster, Havana, 1934	Selective	CLO
Himalayan		Selective	HEL
Laboratory Lop		Linebred	BAR
Lop eared	England	Linebred	CAL
New Zealand Black			WHI
New Zealand Red		Linebred	ABR, POP
New Zealand Red		Random	GEI, STK, THO
New Zealand Red		Selective	LAD, THR
New Zealand White		Linebred	ABR, BAR, BAW, BRW, CAR, EIC, HEL, HEN, HNA, IRM, KEI, LAE, LAS, MDR, POC, POP, ROW, SMA
New Zealand White		Random	ALB, ANL, ARR, ASI, BEA, BRO, CAS, CIR, COE, DAN, DIE, DRU, ELM, FLI, GEI, GOR, HAU, HIL, INA, ISA, JEN, KAF, KIN, LAA, LAE, MDX, MON, MYE, OXN, REP, RES, ROC, SCL, SOW, STK, STT, THO, WES, WHI

Oryctolagus cuniculus—Domestic Rabbits—Continued

Strain Designation	Strain Origin	Breeding System	Code
New Zealand White		Selective	CAL, CKR, COC, CUR, HEL, HOY, HIF, LAD, LIC, LOM, RED, THR
New Zealand White			HEA, MAR, MOS, NEW, NOB, OAR, SCJ, SUO.
N.Z.W.-SRCI	Pratt to Malone 1955 at Howard at F10. Under SRC control 7 generations.		SOW
N.Z.W.—Miniature Polish, black	Pocono Rabbit Farm	BxS	POC
Polish, blue		Random	HEL, HEN, WHI
Polish, Seaview	Seaview-Saugus, Mass.	Random	HEL, WHI
Pratt New Zealand	New Zealand	Linebred	HEN
Red Rex	Castor, N.Z.R., 1940	Random	PRA
Red Satin		Linebred	CLO
Red Satin		Selective	HEL
Sable Rex	Black Rex, Silver Marten, 1940		CLO
Sable Rex	Coatoam		COA
Sable silver marten	Off color Chinch.	Linebred	PEX
Seal Rex	Coatoam		COA
Silver Marten		Linebred	HEL
SRC/AF1 (agouti)	Southern Rabbit C.		SOW
SRC/BL F1 (black)	Southern Rabbit C.		SOW
SRC/GF1 (steel gray)	Southern Rabbit C.		SOW
White Polish, blue eyed		Random	HEL
White Polish, ruby eyed		Linebred	HEL
White Polish, ruby eyed		Random	HEL
White Rex	Castor, N.Z.W., 1938	Linebred	CLO, HEL
White Satin		Selective	HEL
Not designated			COG, CZE, DIE, HEA, LAE, LEM, POP, SCE, STE, SUO, WOM

RODENTIA

Mus musculus—Ranombred Laboratory Mice

Strain Designation	Strain Origin	Breeding System	Code
Albino			CAU, SCJ
ARS/ICR (axenic)		Random	SCF
ARS/Ha/ICR	Hauschka	Random	SCF
ARS-STs		Random	SCF
BAA/ICR	I.C.R.	Random	BEL
BAA/NIH	N.I.H.	Random	BEL
BAA/WS		Random	BEL

Mus musculus—Randombred Laboratory Mice—Continued

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
BSF		Random	BLU
Carworth #1 descendant			SUO
CBL-I.C.R.		Random	CAS
CC 1		Random	CAL
Charles River CD*-1 (axenic)		Random	CHA
Charles River CD*-1 (pathogen-free)	Caesarean derived from HaM/ICR	Random	CHA
CF #1	Carworth	Random	CAW
CFW	Webster-Rockefeller	Random	CAW
COX/ICR	I.C.R.	Random	LAG
COX/Standard		Random	LAG
COX/Swiss		Random	LAG
CV1 (agouti)		Selective Randomization	CUM
FRF-2	I.C.R.	Random	FLA
GOF-Swiss Webster		Random	GOF
Ha/ICR	I.C.R.	Random	LAE
Ha/ICR	Roswell Park	Random	TWN
Ha/ICR Swiss	I.C.R.	Random Caesarean derived found'n	MIL
Hairless Mouse			WHI
HTF Swiss-Webster		Random	HUN
ICR	Hauschka	Random	CAR, CUM
ICR	I.C.R.	Random	BLU, DIE, DUB, HAP, KAF, MBR, ROC, ROY, WOD
ICR		Random	CAR, CHE, DAN, SIN
ICR Albino	I.C.R.	Random	RAW
MBR/BW Swiss-Albino	Lynch-Webster-Bagg, Rockefeller Inst.	Random	MBR
MBR/ICR	I.C.R.	Random	MBR
MF #1		Random	MAR
MF-1 Axenic (Germfree)		Random	MAL
MF-1 Conventional		Random	MAL
MF-1 Pathogen Free		Random	MAL
MF-1-AM Axenic (Germ Free)	Manor Farms	Random	MAL
MF-1-C Conventional	Manor Farms	Random	MAL
MF-1-PFM Pathogen Free	Manor Farms	Random	MAL
MLM-1	I.C.R.	Random	WEE
MLM-2		Random	WEE
NLG3 (Axenic)	Lobund ND3	Random	NAU
NLG4W (Axenic)	Lobund ND4	Random	NAU
NLICR (Free of com- monly occurring parasites and pathogens)	Lobund ND3 I.C.R.	Random	NAU

Mus musculus—Randombred Laboratory Mice—Continued

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
NLW (Free of commonly occurring parasites and pathogens)	Swiss Webster	Random	NAU
NL4W (Free of commonly occurring parasites and pathogens)	Lobund ND4	Random	NAU
O'Grady Audiogenic Seizure	Swiss Webster		OGR
O'Grady Swiss Webster	Halsey, J. Bagg, Swiss Webster	Random	OGR
PPA Swiss	I.C.R.	Random	PIE
PPI/Swiss	Webster-Rockefeller	Random	PIE
Pratt		Random	PRA
Rawley Farms Webster (RFW)		Random	RAW
Rex coated			WHI
RF # 1		Random	ROC
RFW	Rockefeller Inst.	Random	ROC
RMF-I.C.R.	I.C.R.	Random	MIF
SCI		Random	SCL
Swiss	Rockefeller	Random	MBR
Swiss		Random	ALB, BER, DIA, GER, GOF, MDX, SCE, STK, MBR
Swiss Bagg-Webster	Lynch-Webster-Bagg Rockefeller Inst.	Random	
Swiss Webster	Rockefeller Inst.	Random	BAL, CUR, HAQ, MIE, SIM, SIN, SUO
Swiss Webster		Random	ABR, CAL, CAR, CHE, DAN, DEN, DIE, DRU, GEI, GOR, HIF, HIL, LAA, LEM, MAP, MAR, MON, NEW, PHA, RES, RET, ROR, STO, SUT
Swiss Webster DAL		Random	RED
Swiss Webster/Tac	Rockefeller Inst.	Random	TAC
WA/ICR	I.C.R.	Random	WIN
Webster	Rockefeller Inst.	Random	KAF
Webster		Random	OBR
White		Random	MAG
White and Black		Random	MAG
White and Tan		Random	MAG
Not designated			COG, LEM, REP, STE, VAN, WHI, WOM

Mus musculus—Inbred Laboratory Mice

A	Bittner	BxS	SIM
A/HeCum	O.R.N.L.	BxS	CUM

Mus musculus—Inbred Laboratory Mice—Continued

Strain Designation	Strain Origin	Breeding System	Code
A/HeJax	Strong, fr. cross made 1921 of albino fr. Cold Spr. Harbor & Bagg Albino. Majority of sublines trace to stock Bittner obtained fr. Strong 1927. Some stock sent Heston 1938. He to Jax 1948 after Bar Harbor fire at F77	BxS	JAX
A/Jax	Strong, fr. cross 1921 of albino fr. CSH & Bagg albino, to Cloudman 1928; Cloudman to Jax 1947 at F73	BxS	JAX
A/JaxStDmTex	Strong	BxS	TEX
AKD2F ₁ (AKR/J ♀ x DBA/2J ♂)		Hybrid of inbred strains	JAX
AKR	Jaxlab via Sloan-Kettering Inst.	BxS	MIL
AKR	N.I.H.	Inbred	SIM
AKR/Cum	O.R.N.L.	BxS	CUM
AKR/Jax	Carried by Furth as high leukemia strain fr. 1928-36. Then randombred at Rockefeller Inst. for several gen., followed by 9 gen. BxS by Mrs. Rhoades and 21 by Dr. Lynch. Lynch to Jax 1948 at F22	BxS	JAX
AKR/JaxKiDmTex	Furth	BxS	TEX
A2G		BxS	DUB
BALB/c	N.I.H.	BxS	SIM
BALB/cCum	O.R.N.L.	BxS	CUM
BALB/cDeDmTex	McDowell	BxS	TEX
BALB/cJax	Subline to BALB. MacDowell to Snell in 1932 at F26, to Scott at F29, to Andervont 1935. Scott to Jax 1947 at F41. BALB/cAn to Jax 1948 at F64, discontinued in 1954 at F79	BxS	JAX
BC3F ₁ /Cum (C57BL x C3H/Anf)		Hybrid of inbred strains	CUM
BDF ₁		Crossing of 2 strains	FAB
BDF ₁		Hybrid of inbred strains	RET, SIM, SIN

Mus musculus—Inbred Laboratory Mice—Continued

Strain Designation	Strain Origin	Breeding System	Code
BDF ₁ (C57BL/6 x DBA/2)		Hybrid of inbred strains	SCF
BDF ₁ [(C57BL/6DBA/2)F ₁]		Hybrid of inbred strains	MIC
B1F ₁ /Cum (C57BL x 101)		Hybrid of inbred strains	CUM
B6AF1 (C57BL/6J ♀ x A/J ♂)		Hybrid of inbred strains	JAX
B6D2F ₁ (C57BL/6J ♀ x DBA/2J ♂)		Hybrid of inbred strains	JAX
B6D2F ₁ /Cum (C57BL/6 x DBA/2)		Hybrid of inbred strains	CUM
CAF ₁ (BALB/cJ ♀ x A/J ♂)		Hybrid of inbred strains	JAX
CAF ₁ /Cum (BALB/c x A/He)		Hybrid of inbred strains	CUM
CBA/Cum	O.R.N.L.	BxS	CUM
CBA/Jax	Strong, 1920, from cross of Bagg albino x DBA. Strains C, CBA, CHI, C121, and C3H originated from this cross. Andervont to Jax 1948 at F67	BxS	JAX
CE/Jax	Wild mutant trapped 1920 in Illinois by Knight. Detlefsen studied genetics of color. Inbred by Eaton at least 15 gen., some sent to Woolley. Speirs (2 gen. from Wy) to Wy and Jax 1948. F+35	BxS	JAX
C3BF ₁ /Cum (C3H/Anf x C57BL)		Hybrid of inbred strains	CUM
C3D2F ₁ (C3H/HeJ ♀ x DBA/2J ♂)		Hybrid of inbred strains	JAX
C3H	Bittner	BxS	SIM
C3H		BxS	MIL, ROC, ROY
C3H (agent free)	N.I.H.	BxS	SCF
C3H/AnCum	O.R.N.L.	BxS	CUM
C3H/AnfCum	CUM	BxS	CUM
C3H/HeDmTex		BxS	TEX
C3H/HeJax	Strong, 1920, from cross of Bagg albino x DBA. Strains C, CBA, CHI, C121, and C3H originated from this cross. Strong to Ander- vont 1930; An to Heston 1938 F35; He to Jax 1947 at F48	BxS	JAX

Mus musculus—Inbred Laboratory Mice—Continued

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
C3H/Mai	Bittner C3H via Dr. L. Gross	BxS	MIC
C3H/Sim	Bittner	BxS	SIN
C3H/StAnDmTex	Strong	BxS	TEX
C3HeB/FeJax	C3H/HeJ ova transferred to C57BL/6 by Fekete 1948; original transplant animals to Hummel, F3 to PES in 1950	BxS	JAX
C3Hf/AnDmTex		BxS	TEX
C3Hf/HeDmTex		BxS	TEX
C31F ₁ /Cum (C3H/Anf x 101)		Hybrid of inbred strains	CUM
C57BL	Bagg	BxS	ROC
C57BL/Cum	O.R.N.L.	BxS	CUM
C57BL/6	Bittner	BxS	SIM, SIN
C57BL/6		BxS	FAB, MIL, RED, SCF
C57BL/6Cum	S.R.I.	BxS	CUM
C57BL/6Jax	Little, 1921, from heterozygous sib pair ♀ 57 x ♂ 52 from Miss Lathrop's stock. Subline 6 separated fr. subline 10 prior to 1937. C. Hall to Fe at F22, to Jax 1948 at F24	BxS	JAX
C57BL/6JaxDmTex		BxS	TEX
C57BL/6Mai	Jackson Laboratory	BxS	MIC
C57BL/10Jax	Little, 1921, from heterozygous sib pair ♀ 57 x ♂ 52 from Miss Lathrop's stock. Sublines 6 & 10 separated prior to 1927. Scott to Jax 1947 at F32	BxS	JAX
C57BR/cdJax	Little, from cross that gave rise to C57BL, C57BR/a and C57L. Black & brown lines separated in 1st gen. Subline cd was estab. gen. 13 fr. cross of 2 brown branches one of which had previously given rise to line C57BR/a. Some given Cloudman, then sent to Heston 1938; He to Jax in 1947 at F66	BxS	JAX
C57L/Cum	O.R.N.L.	BxS	CUM

Mus musculus—Inbred Laboratory Mice—Continued

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
C57L/Jax	J. Murray, 1933. Mutation F22 of C57BR subline of which non-leadon (brown) branch is extinct; maintained by Cloudman; Heston (from Cloudman 1938) to Jax in 1947 at F45	BxS	JAX
C58/Jax	MacDowell, 1921, from mating littermates ♀ 58 and ♂ 52 of Miss Lathrop's stock. From MacDowell at F75 to Jax in 1948 at F77	BxS	JAX
C58/JaxKiDmTex	MacDowell	BxS	TEX
DBA/1Jax	C. C. Little, 1909. In 1929-30 crosses made bet. sublines and new sublines were established. 2 of these were 12 (now called 1) and 212 (now called 2). Fekete 1936 to Jax market (pen bred for few gens.), to Hu 1947 to Jax 1948	BxS	JAX
DBA/2	Bittner	BxS	SIM, SIN
DBA/2	N.I.H.	BxS	SCF
DBA/2		BxS	FAB, MIL, STT
DBA/2Cum	S.R.I.	BxS	CUM
DBA/2DeDmTex		BxS	TEX
DBA/2Jax	See DBA/1Jax. Some sent to Miller 1938, then to Heston, then to Jax 1948 at F26	BxS	JAX
DBA/2Mai	Jackson Laboratory	BxS	MIC
dd/S	Natl. Cancer Inst., Tokyo	BxS	SCF
DE/Jax	Eaton 1940 from cross of CE/Wy x E/Gw and selected for <i>c'</i> phenotype; to Woolley 1948, to Di 1949, to Jax 1954 at F21	BxS	JAX
LAF ₁ (C57L/J ♀ x A/HeJ ♂)		Hybrid of inbred strains	JAX
LAF ₁ /Cum (C57L x A/He)		Hybrid of inbred strains	CUM
LP/Jax	Dunn, sent to Scott, Sc to Di in 1947 at F30, to Jax 1949 at F33	BxS	JAX

Mus musculus—Inbred Laboratory Mice—Continued

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
MA/Jax	Marsh's strain 3. Started from pair mice fr. Lathrop-Loeb colony. 32 gen. of cousin matings, stock to Murray who inbred b x s. Murray to Warner to Jax in 1947 at F20+	BxS	JAX
NZO/Cum		BxS	CUM
P/Jax	Snell, extracted following outcross similar stock developed by Gates (BDP). To Wisconsin (McNutt) at F35; McNutt to Jax 1948 at F39	BxS	JAX
PL/Jax	From non-inbred Princeton strain started 1922 from 200 mice purchased from dealer. Inbred by Lynch, giving rise to high leukemia line B (=PL) and 2nd line A (=PLA) with lower incidence. Lynch to Rockefeller Inst. to Jax 1951 at F22	BxS	JAX
RF	O.R.N.L.	BxS	SIM
RF/Cum	O.R.N.L.	BxS	CUM
RF/Jax	Furth, 1928, from unknown stock at Rockefeller Inst. He transferred stock to Oak Ridge. From Upton at Oak Ridge to Jax 1954 at F14 (since stock's arrival at Oak Ridge)	BxS	JAX
SJL/Jax	Developed from Swiss-Webster stock of 3 sources brought to Jackson Lab. between 1938 & 1943. Bet. 1943 & 1955 no regular breeding sys. was used. 1955 stock sent to FS, where maintained b x s since then.	BxS	JAX
SM/Jax	MacArthur to Runner in 1948; Rr to Jax 1954 at F14	BxS	JAX

Mus musculus—Inbred Laboratory Mice—Continued

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
ST/Jax	Engelbreth-Holm, sent to Heston at F23, He to Jax in 1948 at F25	BxS	JAX
SWR/Jax	A strain of "Swiss" mice from A. deCoulon of Lausanne, inbred by Lynch; Ly to Parker to Jax 1947 at F28+	BxS	JAX
IC3F ₁ /Cum (101 x C3H/Anf)		Hybrid of inbred strains	CUM
101/Cum	O.R.N.L.	BxS	CUM
129/Jax	Dunn, to R1, to Rr. R1 sent mice to Hunt spring of 1947, Rr. to Wynder in Aug. 1947. After Bar Harbor fire, 1948, Hunt returned to Jax a <i>c^hp/c^hp</i> subline, & Wynder a <i>cp/cp</i> subline. Original genotype reconstituted by crossing ♀ ♀ of former and a ♂ of latter. Offspring of this cross used 1948 to establish Rr, Re and R1 sublines. Rr subline subsequently distributed to members of Jax staff	BxS	JAX

Rattus norvegicus—Laboratory Rats

ACI (formerly AxC9935)	N.I.H.	BxS	MIC
Agouti	1934		WHI
Albino		Random	SCE, SCJ
ARS	Sprague-Dawley	Random	SCF
ARS-axenic	Sprague-Dawley	Random	SCF
B-F	Sprague-Dawley	Random	BAY
BN	Wistar	BxS	MIC
BUF (formerly Buffalo)	N.I.H.	BxS	MIC
Buffalo	N.I.H.	BxS	SIM
CBL-S.P.D.	Sprague-Dawley	Random	CAS
CBL-W.	Wistar	Random	CAS
CFE	Sprague-Dawley	Random	CAW
CFN	Wistar	Random	CAW
Charles River CD* (pathogen-free)	Caesarean derived from Charles River SD	Random	CHA
Charles River CD*C (conventionally maintained)	Charles River CD*	Random	CHA

Rattus norvegicus—Laboratory Rats—Continued

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
Charles River CD*F (axenic)	Lobund	Random	CHA
Charles River CD*F (pathogen-free)	Caesarean derived from Fischer-344	Random	CHA
Charles River SD (Sprague-Dawley descendant)		Random	CHA
Charles River W	Wistar	Random	CHA
COX/Disease Resistant	N.I.H.	Random	LAG
COX/Rat	Holtzman	Random	LAG
Dan Rolfsmeyer	Sprague-Dawley	Random	ROR
DUB/DR	N.I.H.	Random	DUB
Elder	Sprague-Dawley	Random	BEA
F344 (formerly Fischer 344)	N.I.H.	BxS	MIC
FRF-6 (Albino)	Wistar	Random	FLA
FRF-7 (Albino)	Sprague-Dawley	Random	FLA
Fischer	N.I.H.	BxS	SIM
Fischer 344	N.I.H.	BxS	SCF
GOF	Sprague-Dawley	Random	GOF
GOF-Wistar	Wistar	Random	GOF
Holtzman		Random	HOT, RES, THR, WES
Hooded	Wistar	Random	COG
Hooded			WHI
HTF	Sprague-Dawley	Random	HUN
HTF Long-Evans		Random	HUN
HTF Wistar	Wistar	Random	HUN
LEW (formerly Lewis)	Wistar	BxS	MIC
Long-Evans	Univ. of Calif.	Random	ANL, SIM
Long-Evans		Random	BLU, CUR, DRU, GEI, HEA, KAF, LAE, MAR, RED, RES, RET, SUO, THR, WIL
Long-Evans RFL	Univ. of Calif.	Random	ROC
MLM-1	Sprague-Dawley	Random	WEE
MLM-2 (Long-Evans)		Random	WEE
MW-3 Axenic (Germfree)		Random	MAL
MW-3 Conventional	Wistar	Random	MAL
MW-3 Pathogen-free		Random	MAL
MW-3 Pathogen-free		BxS	MAL
MW-3-AR Axenic (Germfree)		Random	MAL
MW-3-C Conventional	Wistar	Random	MAL
MW-3-PFR		Random	MAL
MW-3-PFRS		BxS	MAL
MW-3-PFRS Pathogen-free sibling			
Mackesey Farms	Sprague-Dawley	Random	MAC
Maxfield LE	Long-Evans	Random	MDX
Maxfield SD	Sprague-Dawley	Random	MDX

Rattus norvegicus—Laboratory Rats—Continued

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
Maxfield W	Wistar	Random	MDX
NLF (Free of commonly occurring parasites and pathogens)	Lobund-Fischer	BxS	NAU
NLGF (Axenic)	Lobund-Fischer	BxS	NAU
NLGR (Axenic)	Caesarean derived from NLR	Random	NAU
NLGSD (Axenic)	Sprague-Dawley	Random	NAU
NLR (Free of commonly occurring parasites and pathogens)	Wistar	Random	NAU
Osborne-Mendel	N.I.H.	Random	BAT
Pratt	Wistar	Random	PRA
Rawley Farms Albino	Holtzman	Random	RAW
RMF-S.D.	Sprague-Dawley	Random	MIF
SDD	Sprague-Dawley	Random	DUB
Sherman		Random	CAR, GEI, KAF, WES
Sherman RFS		Random	ROC
Simonsen Albino	Sprague-Dawley	Random	SIM, SIN
Simonsen Wistar	Wistar	Random	SIN
Sprague-Dawley	Developed by the late Mr. Robert W. Dawley	Random	SPD
Sprague-Dawley descendant		Random	ABR, ANL, BER, BLU, CAL, CAR, CHE, DIA, DIE, DRU, GEI, GER, HIF, JOS, LAA, LAE, MAR, NOR, PAC, PRA, RED, RES, RET, SAK, SUO, VIN
Sprague-Dawley descendant	Caesarean derived	Random	KAL
Tryon Strain 1		Random	RED
Tryon Strain 3		Random	RED
W/Fu	Dr. J. Furth	BxS	SCF
WF (formerly W/Fu, Furth's Wistar, Wistar/Furth, WR)	Dr. J. Furth	BxS	MIC
Wistar		Random	ABR, ALB, BOM, CAL, CAR, CHE, COC, CUR, DIE, DRU, EDG, GEI, GOR, GRE, HAP, HIF, HIL, KAF, LAA, MIV, MON, NEW, RES, RET, ROY, SIM, STK, SUP, THR, VIN, WHI, WIL
Wistar (Coeff. of inbreeding 0.9)	Wistar	Random	MIC
Not designated			CAU, LEM, STE, WHI, WOM

Mesocricetus auratus and other Hamsters

<i>Strain Designation</i>	<i>Strain Origin</i>	<i>Breeding System</i>	<i>Code</i>
Albino		Random	ABR, CHI, HAH, MAG, MAR, REP, RET, SUO, WHI, ZUC
Banded		Random	REP, WHI, ZUC
Chinese			WHI
Cream		Cream	HAH, MAG, MAR, REP, WHI, ZUC
Cream, White-banded			MAG
Golden, White-banded		Random	MAG
MFS-Manor Fawn Syrian	Manor Farms	BxS	MAL
MGS-Manor Golden Syrian		Random	MAL
MIT(NIH) (Dental Caries)	Keyes	BxS	BIO
MLM-1 Golden Syrian		Random	WEE
MLM-2 White Coated black ear		Random	WEE
PP/GS		Random	PIE
Pratt		Random	PRA
Sterling		Random	BEZ
Syrian Golden		Random	ABR, ALB, BLN, CAL, CAS, CAU, CHI, COG, DAN, DEN, DUB, EDG, ENG, GER, GOR, HAH, HEA, HIF, HIL, KIN, LAK, LAR, MAG, MAR, MDX, OLO, RED, REP, RES, RET, SCJ, SIM, SIN, TUO, TOY, TUM, VAN, WHI, WOD, ZUC
Not designated		Random	HAM, LEM, STE, STK
X.3	LaCasse	BxS	BIO
X.68	LaCasse & Schwentker	BxS	BIO
1.26	LaCasse & Schwentker	BxS	BIO
1.50	LaCasse & Schwentker	BxS	BIO
4.1	LaCasse	BxS	BIO
4.22	Schwentker	BxS	BIO
4.24	Schwentker	BxS	BIO
7.88	Haddow, Gulf & LaCasse	BxS	BIO
14.6	LaCasse, Schwentker, Gulf, & Toolan	BxS	BIO
45.5	Ingham & Toolan	BxS	BIO
89.9	LaCasse, Gulf, & Toolan	BxS	BIO

Cavia porcellus—Guinea Pigs

<i>Strain Designation</i>	<i>Breeding System</i>	<i>Code</i>
Abyssinian	Linebred	HEN, OSC
Abyssinian	Random	CZE, HUL, MDR, WHI
Abyssinian, self-black	Linebred	BUF
Albino	Linebred	ARO, HNA, OSC, STT
Albino	Random	ALB, ANL, ARO, COC, GEI, HAM, HUL, JOH, KEA, MAC, MON, MYE, PIR, SCL
American	Random	ANL, EDM, HUL, ISA, KEM
American, albino	Linebred	BUF, SHO
American, black	Linebred	BUF, COA
American, cream	Linebred	BUF, HUL
American, self-red	Linebred	BUF
American, short hair	Random	BUN, RED, SMA
American, white	Linebred	KEI, LOR
Empire	Random	REZ
English	Linebred	ALE, LAE
English	Random	ABR, ALB, CAL, CAR, CAS, CUR, CZE, EDM, GEI, GER, GOR, HIL, INA, LAA, LAE, LEM, LIG, MDX, NAU, OSC, ROC, THO, THR, WEE, WHI, WOD
English, pigmented	Linebred	LAE
English, short hair	Random	BAN, DIE, KAF, LAP, MIS, STC
Hartley	Linebred	CAT, ELM
Hartley	Random	ABR, BAN, CAR, DAN, DRU, EDG, ELM, FAB, GEI, GRI, HAQ, HEA, HIF, HUL, HUN, INA, KAF, KAL, LAD, LIG, MDR, MIF, NEW, OXN, RED, RET, SCJ, SIM, SIN, SOW, SUO
NLA (Hartley)	Random	NAU
Old Dominion	Random	OLD
Peruvian	Random	CZE, HEN, HUL, WHI
Pratt	Random	PRA
Not designated		ARO, BIC, BUF, CAU, COC, COG, HAU, HEA, HEN, HIF, KEA, LAD, NOB, OBR, REP, SCE, SCL, SOW, STE, STK, THP, VAN, WOM

CARNIVORA

Canis familiaris—Domestic Dogs

Basenji		POC
Beagle, AKC Registered	Linebred	AMA, COY, HAS, WIP
Beagle, AKC Registered	Random	DIE, HOC, KAF, MAS, SAU
Beagle	Random	ATK, BEG, DOG, HIF, HOC, HOW, KIP, LUN, RES, ROB, THR, WHL
Beagle, MRL Strain	Random	MOR
Border Collie		POC
Bouvier des Flandres		POC
English Setter		ROB
German Shepherd		POC
Labrador Retriever, AKC Registered		WIP

Canis familiaris—Domestic Dogs—Continued

<i>Strain Designation</i>	<i>Breeding System</i>	<i>Code</i>
Pointer		HOW, ROB
Not designated		CAL, CAS, CLA, CZE, DIE, DOG, HIF, HOW, KAF, MDX, NOB, PRA, RES, SCE, THR, WAR, WHL, WOM

Felis catus—Domestic Cats

MRL Strain	Linebred	MOR
Not designated		CAL, CAS, CLA, CZE, DIE, GEI, HEA, HIF, HOW, KAF, LEM, MDX, POC, PRA, SCE, STE, WAR, WHI, WOM

II. Animals Obtained from Nature

PROTOZOA

Mastigophora

Species	Common Name	Code
<i>Chilomonas</i> sp.		CAU, COG, NAT
<i>Chlamydomonas</i> sp.		CAU, GEL
<i>Eudorina</i> sp.		CAU, GEL
<i>Euglena gracilis</i>		CAU, COG, NAT, SCE
<i>Pandorina</i> sp.		CAU, GEL
<i>Pyrsonympha</i> sp.		CAU, GEL
<i>Trichonympha</i> sp.		CAU, GEL
<i>Volvox</i> sp.		CAU, GEL

Sarcodina

<i>Actinosphaerium</i> sp.		CAU
<i>Amoeba proteus</i>	Amoeba, common	CAU, COG, GEL, NAT, SCE, STE,
<i>Arcella</i> sp.		CAU, GEL
<i>Chaos chaos</i>	Amoeba, giant	GEL
<i>Diffugia</i> sp.		CAU
<i>Endamoeba terrapinae</i>		GEL
<i>Pelomyxa carolinensis</i>		CAU, SCE

Ciliata

<i>Blepharisma</i> sp.		CAU, COG, GEL, NAT
<i>Carchesium</i> sp.		CAU
<i>Colpidium</i> sp.		CAU, COG, GEL
<i>Didinium</i> sp.		COG, GEL
<i>Epistylis</i> sp.		CAU
<i>Euplotes</i> sp.		CAU, COG
<i>Paramecium aurelia</i>		CAU, COG
<i>Paramecium bursaria</i>		CAU, GEL, SCE
<i>Paramecium caudatum</i>		CAU, COG, GEL, SCE, STE
<i>Paramecium multimicronucleatum</i>		CAU, COG, GEL
<i>Paramecium</i> sp.		NAT
<i>Spirostomum ambiguum</i>		COG
<i>Spirostomum</i> sp.		CAU, GEL, NAT
<i>Stentor coeruleus</i>		COG
<i>Stentor</i> sp.		CAU, GEL, NAT, STE
<i>Tetrahymena</i> sp.		CAU
<i>Vorticella</i> sp.		CAU, COG, GEL, NAT
<i>Zoothamnium</i> sp.		CAU, COG

PORIFERA

<i>Spongilla</i> sp.		COG, GEL
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COELENTERATA

<i>Aurelia aurita</i>	Jellyfish, common	LEM
<i>Chlorohydra viridisstma</i>	Hydra, green	CAU, NAT

COELENTERATA—Continued

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Gonionemus</i> sp.	Hydroid medusa	LEM
<i>Hydra fusca</i>		COG
<i>Hydra littoralis</i>	Hydra, swift water	CAU
<i>Hydra oligactis</i>	Hydra	LEM, STE
<i>Hydra viridis</i>		COG
<i>Metridium marginatum</i>	Anemone, sea	LEM
<i>Obelia geniculata</i>	Obelia	LEM
<i>Pelmatohydra oligactis</i>	Hydra, brown	GEL, NAT
<i>Physalia</i> sp.	Portuguese man-of-war	LEM
<i>Tubularia</i> sp.		CAU
	Jellyfish, not designated	LEM
	Sea anemones, not designated	LEM

PLATYHELMINTHES

<i>Clinorchis sinensis</i>	Human liver, fluke	LEM
<i>Dipylidium caninum</i>	Tapeworm, dog	LEM
<i>Dugesia dorotocephala</i>	Planaria, black	CAU, GEL, LEM, STE
<i>Dugesia tigrina</i>	Planaria, brown	CAU, COG, LEM
<i>Fasciola hepatica</i>	Sheep liver fluke	LEM
<i>Moniezia expansa</i>	Tapeworm, sheep	LEM
<i>Phagocata gracilis</i>	Planaria	COG
<i>Procotyla fluviatilis</i>	Planaria	COG
<i>Taenia saginata</i>	Tapeworm, beef	LEM
	Planaria, not designated	CAU, NAT, SCE

ENTOPROCTA

<i>Gordius robustus</i>	Snake, horsehair	LEM
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ASCHELMINTHES

Rotifera

<i>Euchlanis</i> sp.		CAU
<i>Habrotrocha</i> sp.		CAU
<i>Monostyla</i> sp.		CAU
<i>Rotifer</i> sp.		COG, GEL, NAT

Gastrotricha

<i>Lepidoderma</i> sp.		CAU
<i>Lepidodermella</i> sp.		COG

Nematoda

<i>Ascaris lumbricoides</i>	Roundworm, common	LEM
<i>Ascaris</i> sp.	Roundworm	STE
<i>Necator americanus</i>	Hookworm, American	LEM
<i>Trichinella spiralis</i>		GEL
<i>Turbatrix acetii</i>	Vinegar eel	COG, GEL, NAT, SCE
	Nematoda, not designated	GEL

BRYOZOA

Species	Common Name	Code
<i>Pectinatella sp.</i>		LEM
<i>Plumatella sp.</i>		CAU, COG

ECHINODERMATA

<i>Arbacia punctulata</i>	Urchin, common sea	CHC, LEM
<i>Asterias forbesi</i>	Starfish, common	CHC, LEM
<i>Asterias sp.</i>	Starfish	STE
<i>Cucumaria sp.</i>	Sea cucumber	LEM
<i>Dendraster sp.</i>	Sea urchin	PAB
<i>Echinarachnius punctulata</i>	Sand dollar	LEM
<i>Lytechinus sp.</i>	Sea urchin	PAB
<i>Ophioderma sp.</i>	Starfish, brittle	LEM
<i>Strongylocentrotus drobachiensis</i>	Urchin, green sea	LEM, PAB
<i>Thyone sp.</i>	Sea cucumber, large	LEM

MOLLUSCA

Gastropoda

<i>Acmaea testudinalis</i>	Limpet, common	LEM
<i>Aeolis papillosa</i>	Nudibranch, common northern	LEM
<i>Agriolimax sp.</i>	Slug, large garden	LEM
<i>Ampullaria cuprina</i>	Snail, mystery	REP
<i>Ampullaria sp.</i>		GEL
<i>Campeloma sp.</i>	Snail, common	CAU, LEM
<i>Goniobasis sp.</i>	Snail, fresh-water	LEM
<i>Helix sp.</i>	Snail, garden	GEL, LEM
<i>Limax sp.</i>	Slug, garden	LEM
<i>Physa sp.</i>	Snail, pond	COG, GEL, LEM, REP, SCE, WHI
<i>Planorbis sp.</i>	Snail, ramshorn	GEL, LEM, REP, WHI
<i>Polygyra sp.</i>	Snail, large garden	GEL, LEM
<i>Viviparus malleatus</i>	Snail, live bearing	GEL
	Snail, Florida marble	GEL
	Snail, not designated	COG, GEL, NAT, STE

Pelecypoda

<i>Anodonta sp.</i>	Clam, fresh-water	CAU, LEM
<i>Ensis sp.</i>	Clam, razor	LEM
<i>Mya arenaria</i>	Clam, long neck	LEM
<i>Mytilus edulis</i>	Mussel, edible	LEM
<i>Ostrea virginiana</i>	Oyster, common edible	LEM
<i>Pecten sp.</i>	Scallop, common	LEM
<i>Unio sp.</i>	Mussel, fresh-water	CAU, COG, LEM, SCE
<i>Venus sp.</i>	Quahog	LEM
	Clam, not designated	GEL, STE

Cephalopoda

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Loligo pealea</i>	Squid	LEM
<i>Octopus sp.</i>	Octopus	LEM

ANNELIDA

Polychaeta

<i>Amphitrite ornata</i>	Annelid, salt-water	LEM
<i>Nereis virens</i>	Clamworm	LEM

Oligochaeta

<i>Aeolosoma sp.</i>	Annelid, fresh-water	COG
<i>Eisenia sp.</i>	Earthworm, fecal	COG
<i>Enchytraeus sp.</i>	Whiteworm	COG, GEL, NAT
<i>Lumbricus terrestris</i>	Earthworm, common	COG, LEM
<i>Lumbricus sp.</i>	Earthworm	CAU, GEL, STE, WHI
<i>Tubifex sp.</i>		GEL

Hirudinea

<i>Haemopsis grandis</i>	Leech	LEM
<i>Haemopsis marmoratis</i>	Horseleech	LEM
<i>Macrobodella decora</i>	Leech	LEM
<i>Placobdella sp.</i>	Leech, turtle	LEM, STE
	Leech, not designated	CAU, COG, GEL, SCE

ARTHROPODA

Merostomata

<i>Limulus polyphemus</i>	Crab, king	CHC, LEM
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Arachnida

<i>Aphonopelma sp.</i>	Tarantula, desert	PET, WHI
<i>Argiope sp.</i>	Spider, garden	LEM
<i>Centruroides sp.</i>	Scorpion, Florida	LEM, PET
<i>Dermocentor variabilis</i>	Tick, wood or dog	LEM
<i>Gramostola mollicoma</i>	Tarantula	LEM
<i>Hadrurus arizonensis</i>	Scorpion, giant hairy	PET
<i>Latrodectus mactans</i>	Spider, black widow	LEM
<i>Limnochares sp.</i>	Mite, red water	LEM
<i>Lycosidae sp.</i>	Spider, wolf	LEM
<i>Ranatra sp.</i>	Scorpion, water	LEM
<i>Tarantula sp.</i>	Scorpion	WHI

Crustacea

Species	Common Name	Code
<i>Artemia salina</i> (eggs)	Brine shrimp	GEL
<i>Asellus communis</i>		LEM
<i>Astacus fluviatilis</i>	Crayfish, Oregon	LEM
<i>Balanus aquila</i>	Barnacles, giant	PAB
<i>Balanus balanoides</i>	Barnacle, acorn	LEM
<i>Callinectes sapidus</i>	Crab, edible blue pincer	LEM
<i>Cambarus clarkii</i>	Crayfish, southern	LEM
<i>Cambarus sp.</i>	Crayfish	CAU, GEL, LEM, SCE, STE
<i>Cladocera sp.</i>	Daphnia	LEM
<i>Crago sp.</i>	Shrimp	LEM
<i>Cyclops sp.</i>		STE
<i>Daphnia sp.</i>	Water Flea	CAU, GEL, STE
<i>Gammarus sp.</i>	Sandhopper	GEL, STE
<i>Homarus americanus</i>	Lobster	LEM
<i>Lepas anatifera</i>	Barnacle, goose	LEM
<i>Mysis stenolepis</i>	Shrimp, opossum or schizopod	LEM
<i>Pagurus sp.</i>	Crab, hermit	CHC, LEM
<i>Uca pugnax</i>	Crab, fiddler	LEM
	Copepod, not designated	CAU
	Ostracod, not designated	CAU

Insecta

<i>Aedes sp.</i>	Mosquito	BER
<i>Anasa tristis</i>	Bug, squash	LEM
<i>Anopheles sp.</i>	Mosquito	BER
<i>Apis mellifera</i>	Bee, honey	LEM
<i>Blaberus cranifer</i>	Cockroach, southern	LEM
<i>Blatta germanica</i>	Cockroach, common	BER, LEM
<i>Bombus sp.</i>	Bee, bumble	LEM
<i>Bombyx mori</i>	Moth, silkworm	LEM
<i>Camponotus herculeanus</i>	Ant, large black	LEM
<i>Culex sp.</i>	Mosquito	BER, LEM
<i>Culiseta sp.</i>	Mosquito	BER
<i>Danaus plexippus</i>	Butterfly, monarch	LEM
<i>Dermestes sp.</i>	Beetle, dermestid	LEM
<i>Drosophila melanogaster</i>	Fly, fruit	GEL, WHI
<i>Dystiscus verticalis</i>	Beetle, diving	LEM
<i>Ephemera sp.</i>	Mayfly	LEM
<i>Gryllus sp.</i>	Cricket	SMI
<i>Gyrinus sp.</i>	Beetle, whirligig	LEM
<i>Hippodamia sp.</i>	Beetle, lady	LEM
<i>Lepisma sp.</i>	Silverfish	LEM
<i>Leptinotarsa decimlineata</i>	Beetle, Colorado potato	LEM
<i>Lethocerus sp.</i>	Bug, electric light	LEM
<i>Lucanus sp.</i>	Beetle, stag	LEM
<i>Magickada septendecim</i>	Locust, seventeen year	LEM
<i>Melanoplus sp.</i>	Grasshopper	LEM
<i>Menopon gallinae</i>	Lice, chicken	LEM
<i>Musca domestica</i>	Fly, house	BER, LEM
<i>Passalus cornutus</i>	Beetle, horned	LEM

Insecta—Continued

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Periplaneta americana</i>	Cockroach, American	BER
<i>Phyllophaga sp.</i>	Beetle, June	LEM
<i>Pieris rapae</i>	Butterfly, cabbage	LEM
<i>Popillia japonica</i>	Beetle, Japanese	LEM
<i>Pterostichus sp.</i>	Beetle, ground	LEM
<i>Reticulitermes flavipes</i>	Termite, subterranean	GEL
<i>Romalea microptera</i>	Grasshopper, lubber	GEL, LEM, STE
<i>Samia cecropia</i>	Moth, cecropia	LEM
<i>Sialis infumata</i>	Alderfly, common eastern	LEM
<i>Silpha americana</i>	Beetle, carrion	LEM
<i>Similium sp.</i>	Fly, black	LEM
<i>Sphinx sp.</i>	Moth, sphinx	LEM
<i>Stagmomantis carolina</i>	Mantis, praying	LEM
<i>Tabanus atratus</i>	Fly, horse	LEM
<i>Tenebrio molitor</i>	Meal worm	CAU, GEL, LEM, RED, SCE, SMI, WHI, WOD
<i>Trichodectes sp.</i>	Lice, hog	LEM
<i>Vespa sp.</i>	Hornet, yellow jacket	LEM
	Not designated:	
	Ant	LEM
	Bee	GEL
	Beetle, red milkweed, rove, skin, soldier	LEM
	Bug, giant water	LEM
	Cicada, dog day	LEM
	Fly, caddis, dragon, stone	LEM
	Lice, chewing	LEM
	Mantid (egg case)	GEL
	Silk worm (egg)	GEL
	Termites	LEM
	Walking-stick (egg)	GEL
<i>Other Arthropoda</i>		
<i>Julus sp.</i>	Millipede	LEM
<i>Scolopendra heros</i>	Centipede, giant desert	PET
<i>Scolopendra viridis</i>	Centipede, southern	LEM
<i>Scolopendra sp.</i>	Centipede	LEM
<i>Spirobolus sp.</i>	Millipede	LEM
CHORDATA		
<i>Cyclostomata</i>		
<i>Entosphenus lamottentii</i>	Lamprey, American brook	LEM
<i>Entosphenus tirdentatus</i>	Lamprey, Pacific	LEM
<i>Ichthyomyzon castaneus</i>	Lamprey, chestnut	LEM
<i>Petromyzon marinus</i>	Lamprey, Atlantic	LEM, STE
	Lamprey larvae, not desig.	CAU

Condriichthyes

Species	Common Name	Code
<i>Cephaloscyllium sp.</i>	Shark	PAB
<i>Heterodontus sp.</i>	Shark	PAB
<i>Raja sp.</i>	Skate	LEM
<i>Squalus acanthias</i>	Dogfish, spiny	LEM
<i>Squalus sp.</i>	Dogfish	STE

Osteichthyes

<i>Ameiurus melas</i>	Catfish	LEM, TRS
<i>Amia calva</i>	Bowfin	LEM
<i>Anguilla silustae</i>		COG
<i>Carassius auratus</i>	Goldfish	REP
<i>Cyprinus sp.</i>	Carp, common	LEM
<i>Gambusia sp.</i>	Fish, mosquito	CAU
<i>Gasterosteus aculeatus</i>	Stickleback, three-spined	LEM
<i>Gasterosteus sp.</i>	Stickleback, nine-spined	LEM
<i>Hippocampus sp.</i>	Sea horse	CHC, LEM
<i>Ictalurus nebulosus</i>	Bullhead	LEM
<i>Lepisosteus sp.</i>	Garpike	LEM, STE
<i>Lepomis gibbosus</i>	Sunfish	LEM
<i>Lepomis machrochirus</i>	Bluegill	TRS
<i>Micropterus salmoides</i>	Bass, largemouth black	TRS
<i>Perca flavescens</i>	Perch, fresh-water	LEM, STE
<i>Poxomis annularis</i>	Crappie, white	TRS
<i>Poxomis nigro-maculatus</i>	Crappie, black	TRS
<i>Salmo gairdnerii</i>	Trout, rainbow	TRS
<i>Scaphirhynchus platyrhynchus</i>	Sturgeon, shovel-nosed	LEM, STE
<i>Strongylura sp.</i>	Garfish	LEM
<i>Syngnathus sp.</i>	Pipefish	CHC
<i>Umbra limi</i>	Minnnow, mud	LEM
	Not designated:	
	Dace, eastern blacknose	LEM
	Fish, rattail	LEM
	Fish, tropical	REP
	Fish, tube snout	LEM
	Smelt	LEM

Amphibia

URODELA

<i>Ambystoma jeffersoni</i>	Salamander	CAU, REP, SCE, WHI
<i>Ambystoma maculatum</i>	Salamander, spotted	COG, REP
<i>Ambystoma opacum</i>	Salamander, marbled	LEM
<i>Ambystoma tigrinum</i>	Salamander, tiger	GEL, LEM, REP, SCE, STE
<i>Ambystoma tracolatum</i>	Salamander	LEM
<i>Amphiuma means</i>	Eel, Congo	CAU, LEM
<i>Amphiuma sp.</i>		GEL, SMI
<i>Desmognathus fuscus</i>	Salamander, dusky	LEM
<i>Desmognathus sp.</i>	Salamander	WHI
<i>Diemictylus viridescens</i>	Newt, red-spotted	COG, LEM, ZOO
<i>Eurycea tynerensis</i>	Salamander, Texas	LEM

URODELA—Continued

Species	Common Name	Code
<i>Gymnotus electricus</i>	Eel, electric	GAT
<i>Necturus maculosus</i>	Mud puppy	CAU, COG, GEL, LEM, SCE, STE
<i>Plethodon cinereus</i>	Salamander, red-backed	WHI
<i>Salamandra salamandra</i>	Salamander, fire (Europe)	WHI
<i>Siren lacertina</i>	Mud eel	SCE, SMI
<i>Triturus torosus</i>	Newt, Pacific (giant)	LEM, WHI
<i>Triturus viridescens</i>	Newt, water	CAU, GEL, LEM
<i>Triturus sp.</i>	Newt	REP, WHI

ANURA

<i>Acris gryllus</i>	Frog, cricket	LEM
<i>Bombina bombina</i>	Toad, fire-bellied	WHI
<i>Bufo alvarius</i>	Toad, Colorado River	PET, RID
<i>Bufo americanus</i>	Toad, American	CAU, COG, LAH, LEM, REP, SCE, STE, WHI
<i>Bufo blombergi</i>	Toad, Blomberg's	CHC
<i>Bufo cognatus</i>	Toad, Great Plains	PET
<i>Bufo debilis</i>	Toad, green	RID
<i>Bufo fowleri</i>	Toad, Fowler's	COG
<i>Bufo marinus</i>	Toad, marine	CHC, GAT, LEM, PEW, REP, RID, SCE, SMI
<i>Bufo mazatlanensis</i>	Toad, sinaloa	PET
<i>Bufo punctatus</i>	Toad, desert	PET
<i>Bufo quercicus</i>	Toad, oak	CHC, WHI
<i>Bufo retiformis</i>	Toad, little green	PET
<i>Bufo terrestris</i>	Toad, southern	LEM, SMI
<i>Bufo woodhousii</i>		WHI
<i>Bufo sp.</i>	Toad	SMI
<i>Ceratophrys sp.</i>	Frog, horned	SMI
<i>Dendrobates sp.</i>	Frog, poison	LAT
<i>Hyla arenicolor</i>	Frog, canyon tree	PET
<i>Hyla baudini</i>	Frog, Mexican tree	PET
<i>Hyla cinerea</i>	Frog, green tree	CHC, LEM, REP, RID
<i>Hyla crucifer</i>	Spring peeper	CAU, LEM, REP
<i>Hyla septentrionalis</i>	Frog, West Indian tree	CHC
<i>Hyla squirella</i>	Frog, squirrel tree	RID
<i>Hyla sp.</i>	Frog, tree	GEL, RID, SMI
<i>Phyllobates bi-color</i>	Frog, poison arrow	LAT
<i>Phyllomedusa sp.</i>	Frog, tree	CHC
<i>Pipa pipa</i>	Toad, Surinam	CHC
<i>Rana catesbeiana</i>	Bullfrog	CAU, COG, HOF, LAH, LEM, NAT, REP, RID, SCE, STE, WES
<i>Rana clamitans</i>	Frog, green	COG, HOF, LAH, LEM, SCE, STE, WES
<i>Rana palustris</i>	Frog, pickerel	LEM
<i>Rana pipiens</i>	Frog, leopard	CAS, CAU, CHC, COG, GEL, HAZ, HOF, JEJ, LAH, LEM, RID, SCE, STE, WES
<i>Rana septentrionalis</i>	Frog, mink	LEM

ANURA—Continued

Species	Common Name	Code
<i>Rana sphenoccephala</i>	Frog, southern leopard	LEM
<i>Rana sylvatica</i>	Frog, wood	LAH, LEM
<i>Rana temporaria</i>	Frog, grass	NAT
<i>Rana tigrina</i>	Frog, Indian tiger	ZOO
<i>Rana sp.</i>		SMI
<i>Scaphiopus couchii</i>	Toad, southern spadefoot	PET
<i>Scaphiopus hammondi</i>	Toad, western spadefoot	PET
<i>Scaphiopus holbrookii</i>	Toad, spadefoot	LEM, RID
<i>Xenopus laevis</i>	Frog, South African clawed Frog, bronze, not desig.	COO, XEN RID

OTHER AMPHIBIA

Not designated:
Amphibians, African, Asian,
American

TRE

Reptilia

TESTUDINATA

<i>Amyda ferox</i>	Turtle, soft-shell	GAT, LEM, REP, TAR, WHI
<i>Barbouri sp.</i>	Tortoise, box	SMI
<i>Batrachemys nasuta</i>	Turtle, broad head side neck	TAR
<i>Chelus fimbriata</i>	Turtle, mata mata	CHC, GAT, TAR
<i>Chelydra osceola</i>	Turtle, Florida snapping	CHC, SMI
<i>Chelydra serpentina</i>	Turtle, common snapping	HOF, LEM, REP, SCE, TAR, WHI, ZOO
<i>Chrysemys picta</i>	Turtle, painted	COG, LEM, REP, SCE, WHI
<i>Chrysemys sp.</i>	Turtle	STE
<i>Clemmys guttata</i>	Turtle, common spotted	COG, LEM
<i>Clemmys insculpta</i>	Turtle, wood	COG, LEM, SCE, WHI
<i>Deirochelys reticularia</i>	Turtle, chicken	SMI, WHI
<i>Dermatemys mawii</i>	Turtle, Cen. America river	CHC
<i>Emys blandingii</i>	Turtle, Blanding's	LEM, REP, SCE, WHI
<i>Geoclemys hamiltoni</i>	Turtle, spotted pond	WHI
<i>Gopherus agassizii</i>	Tortoise, Agassiz's	PET
<i>Gopherus polyphemus</i>	Tortoise, gopher	CHC, LOK, REP, SMI, TAR
<i>Graptemys pseudogeographica</i>	Terrapin, crescent	LEM
<i>Kinosternon baurii</i>	Turtle, Baur's mud	TAR
<i>Kinosternon flavescens</i>	Turtle, yellow necked mud	PET, TAR
<i>Kinosternon scorioides</i>	Turtle, mud	LEM, TAR, WHI
<i>Kinosternon sonoriense</i>	Turtle, Sonoran mud	PET
<i>Kinosternon sp.</i>	Turtle, mud	CHC, SMI
<i>Macrochelys temminckii</i>	Turtle, alligator snapping	CHC, LEM, TAR
<i>Malaclemys terrestres</i>	Turtle, northern diamond back	LEM
<i>Malaclemys sp.</i>	Turtle, diamond back	CHC, SMI, WHI
<i>Platemys platycephala</i>	Turtle, brown side neck	GAT, TAR
<i>Platemys spixi</i>		TAR
<i>Podocnemis expansa</i>	Turtle, yellow spotted side neck	CHC, GAT, REP, TAR

TESTUDINATA—Continued

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Podocnemis unifilis</i>	Turtle, orange spotted side neck	TAR
<i>Pseudemys elegans</i>	Terrapin, mobile	CAU, COG, GEL, LEM, SCE
<i>Pseudemys floridiana</i>	Terrapin, Florida	CAU, CHC, TAR, WHI
<i>Pseudemys nelsoni</i>	Turtle, Florida red-bellied	CHC, SMI
<i>Pseudemys ornata</i>	Turtle, red eared	CHC, REP, TAR, WHI
<i>Pseudemys scripta</i>	Terrapin, yellow-bellied	CAU, CHC, SMI
<i>Pseudemys sueanniensis</i>	Cooter, Suwannee	SMI
<i>Pseudemys sp.</i>		STE
<i>Staurotypus sp.</i>	Turtle, three keeled Cen. American mud	CHC
<i>Sternotherus minor</i>	Turtle, southern musk	CHC, TAR, WHI
<i>Sternotherus odoratus</i>	Turtle, common musk	LEM
<i>Terrapene carolina</i>	Turtle, common box	LEM, LOK, TAR, WHI
<i>Terrapene major</i>	Tortoise, southern box	CHC, SMI
<i>Terrapene ornata</i>	Turtle, painted box	LEM, PET, WHI
<i>Testudo denticulata</i>	Tortoise, So. American	CHC, GAT, SMI, TAR
<i>Testudo elegans</i>	Tortoise, star	GAT
<i>Trionyx ferox</i>	Turtle, southern soft-shelled	CHC, LEM
	Not designated:	
	Tortoise, Gulf Coast box	SMI
	Turtle	HOF, NAT

SAURIA

<i>Amphisbaena alba</i>	Lizard, white-bellied worm	TAR
<i>Amphisbaena fuliginosa</i>	Lizard, worm	TAR
<i>Anolis carolinensis</i>	Chameleon	CAU, CHC, GAT, LEM, REP, SMI, TAR, WHI, ZOO
<i>Anolis equestris</i>	Chameleon, Cuban	CHC
<i>Anolis sp.</i>		GEL
<i>Basiliscus basiliscus</i>	Lizard, basilisk	CHC, REP, SMI, TAR
<i>Callisaurus draconoides</i>	Lizard, zebra-tailed	CHC, PET
<i>Chamaeleon dilepis</i>	Chameleon, flap-neck	ZOO
<i>Cnemidophorus sexlineatus</i>	Swift, six-lined racerunner	LEM
<i>Cnemidophorus tigris</i>	Lizard, whiptail	CHC, PET
<i>Coleonyx variegatus</i>	Gekko, desert	CHC, PET, REP
<i>Cordylus sp.</i>	Lizard, armadillo	PET
<i>Crotaphytus baileyi</i>	Lizard, western collared	PET
<i>Crotaphytus collaris</i>	Lizard, collared	CHC, GEL, LEM, REP
<i>Crotaphytus wislizeni</i>	Lizard, leopard	CHC, PET
<i>Ctenosaura hemilopha</i>	Iguana, false	PET
<i>Ctenosaura similis</i>	Iguana, spiny tailed	CHC
<i>Cyclura cornutus</i>	Iguana, rhinoceros	CHC
<i>Cyclura ricordi</i>	Iguana, Ricord's	CHC
<i>Dipsosaurus dorsalis</i>	Iguana, keel-backed desert	CHC, PET, REP
<i>Dracaena guianensis</i>	Lizard, jacara	CHC, TAR
<i>Eumeces egregius</i>	Skink, Florida red-tailed	CHC
<i>Eumeces fasciatus</i>	Skink, five-lined	REP
<i>Gekko gekko</i>	Gekko, tokay	CHC, PET, ZOO
<i>Gerrhonotus kingi</i>	Lizard, sonoran alligator	PET
<i>Gerrhonotus multicarinatus</i>	Lizard, alligator	CHC, PET, WHI

SAURIA—Continued

Species	Common Name	Code
<i>Heloderma horridum</i>	Lizard, beaded	CHC, LOK, TAR
<i>Heloderma suspectum</i>	Gila monster	CHC, LOK, TAR, ZOO
<i>Hemidactylus mabouia</i>	Gekko	TAR
<i>Holbrookia maculata</i>	Lizard, lesser earless	PET
<i>Holbrookia texana</i>	Lizard, greater earless	PET
<i>Iguana iguana</i>	Iguana, green	CHC, GAT, PEW, REP, SMI, TAR, WHI
<i>Iguana sp.</i>	Iguana	GAT, LOK
<i>Lacerta muralis</i>	Lizard, European wall	REP, WHI
<i>Lacerta viridis</i>	Lizard, European green	REP, WHI
<i>Microsaura pumella</i>	Chameleon, dwarf	ZOO
<i>Ophisaurus ventralis</i>	"Snake", glass	CHC, SMI, TAR
<i>Pachydactylus bibroni</i>	Gekko, African warty	ZOO
<i>Phrynosoma cornutum</i>	"Horned toad"	CHC, GAT, GEL, LEM, LOK, REP, RID, TAR, WHI
<i>Phyllodactylus homolepidursa</i>	Gekko, left-toed	PET
<i>Polychrous marmoratus</i>	Lizard, marbled	TAR
<i>Sauromalus obesus</i>	Chuckawalla	CHC, PET, REP
<i>Sceloporus clarki</i>	Swift, Clark's spiny	PET
<i>Sceloporus cyanogenys</i>	Swift, blue scaly	LEM, REP
<i>Sceloporus jarrovi</i>	Lizard, Yarrow's spiny	PET
<i>Sceloporus magister</i>	Swift, desert spiny	CHC, PET
<i>Sceloporus occidentalis</i>	Swift, western fence	CHC
<i>Sceloporus orcutti</i>	Swift, granite spiny	CHC
<i>Sceloporus undulatus</i>	Swift, fence	LEM, PET, REP, WHI
<i>Sceloporus sp.</i>		GEL
<i>Sphaerodactylus cenereus</i>	Gekko, ashy	CHC
<i>Sphaerodactylus sp.</i>	Gekko	REP
<i>Teius teyou</i>	Lizard, teyou	CHC, TAR
<i>Tupinambis nigropunctatus</i>	Lizard, golden tegu	CHC, PEW, SMI, TAR
<i>Tupinambis texuigin</i>	Lizard, tegu	CHC, GAT, PEW, REP, SMI
<i>Uma inornata</i>	Lizard, fringe-toed	CHC
<i>Uma notata</i>	Lizard, desert sand	PET
<i>Urocentron castor</i>	Lizard, black flat-tail	TAR
<i>Uta graciosa</i>	Swift, long-tailed brush	CHC
<i>Uta ornata</i>	Lizard, tree	PET
<i>Uta stansburiana</i>	Swift, Stansbury's	CHC, PET
<i>Varanus flavescens</i>	Lizard, yellow monitor	CHC
<i>Varanus salvator</i>	Monitor, water	CHC
<i>Varanus sp.</i>	Monitor, Asian	ZOO
<i>Xantusia henshawi</i>	Lizard, granite night	CHC
<i>Xantusia vigilia</i>	Lizard, Yucca night	CHC, WHI
	Lizard, Texas, not desig.	LOK

OPHIDIA

<i>Acrochordus javanicus</i>	Snake, elephant trunk	CHC
<i>Agkistrodon contortrix</i>	Copperhead, southern	LEM, LOK
<i>Agkistrodon mokasen</i>	Copperhead, northern	LOK
<i>Agkistrodon piscivorus</i>	Cottonmouth	CHC, LEM, LOK, SMI, TAR, ZOO

OPHIDIA—Continued

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Anilius scytale</i>	Snake, coral	LOK, TAR
<i>Bitis gabonica</i>	Viper, gaboon	CHC, ZOO
<i>Bitis nasicornis</i>	Viper, rhinoceros	CHC, ZOO
<i>Boa anulata</i>	Boa, annulated	CHC
<i>Boa canina</i>	Boa, emerald tree	CHC, GAT, TAR
<i>Boa cookii</i>	Boa, yellow tree	CHC, GAT, TAR
<i>Boa hortulana</i>	Boa, garden tree	CHC, TAR
<i>Boa sp.</i>		TAR
<i>Bothrops atrox</i>	Fer-de-lance	CHC, TAR
<i>Bothrops hyoprora</i>	Viper, hognose	TAR
<i>Bothrops nigrovirides</i>	Viper, black and green	TAR
<i>Bothrops schlegelii</i>	Viper, green tree	TAR
<i>Bungarus fasciatus</i>	Krait, banded	CHC, ZOO
<i>Cemphora coccinea</i>	Snake, scarlet	TAR
<i>Chilomeniscus cinctus</i>	Snake, banded sand	PET
<i>Chironius fuscus</i>	Snake, red whip	TAR
<i>Coluber constrictor</i>	Racer, black	CHC, SMI, TAR
<i>Coluber foxi</i>	Snake, blue racer	LEM
<i>Coluber flagellum</i>	Coachwhip	CHC, SMI, TAR
<i>Coluber paludcola</i>	Snake, everglades racer	CHC
<i>Conopsis lineatus</i>	Guardo Camino	TAR
<i>Constrictor constrictor</i>	Boa, common	CHC, GAT, PET, TAR, WHI
<i>Constrictor imperator</i>	Boa, Mexican constrictor	PET
<i>Crotalus adamanteus</i>	Rattlesnake, diamond-back	CHC, SMI, TAR
<i>Crotalus atrox</i>	Rattlesnake, Texas	CHC, PET, ZOO
<i>Crotalus cerastes</i>	Sidewinder	PET
<i>Crotalus durissus</i>	Rattlesnake, tropical	GAT, TAR
<i>Crotalus molossus</i>	Rattlesnake, blacktail	PET
<i>Crotalus scutulatus</i>	Rattlesnake, Mojave	PET
<i>Crotalus sp.</i>	Rattlesnake	LEM, LOK
<i>Cyclagras gigas</i>	Cobra, false water	CHC, TAR
<i>Dipsas catesbeii</i>	Snake, snail-eating	TAR
<i>Dispholidus typus</i>	Boomslang	ZOO
<i>Drymarchon corais</i>	Snake, Indigo	CHC, PET, SMI, TAR, WHI
<i>Echis carinata</i>	Viper, saw-scaled	ZOO
<i>Elaphe guttata</i>	Snake, corn	CHC, SMI, TAR
<i>Elaphe longissima</i>	Snake, aesculapian	ZOO
<i>Elaphe quadrivittata</i>	Snake, chicken	CHC, TAR, WHI
<i>Elaphe spiloides</i>	Snake, gray rat	CHC, GAT, SMI
<i>Elaphe vulpina</i>	Snake, fox	WHI
<i>Epicrates cenchrus</i>	Boa, rainbow	CHC, TAR
<i>Eryx conicus</i>	Boa, Russell's earth	ZOO
<i>Eryx johnii</i>	Boa, sand	CHC, ZOO
<i>Eunectes murinus</i>	Anaconda	CHC, GAT, TAR
<i>Farancia abacura</i>	Snake, red-bellied	TAR, WHI
<i>Heterodon contortix</i>	Snake, hog-nose	CHC, PET, SMI, TAR
<i>Heterodon simus</i>	Snake, southern hognose	CHC
<i>Hypsiglena torquata</i>	Snake, spotted night	PET
<i>Imantodes cenchoa</i>	Snake, blunt-head tree	TAR
<i>Lachesis muta</i>	Bushmaster	TAR
<i>Lampropeltis dolata</i>	Snake, coral king	SMI

OPHIDIA—Continued

Species	Common Name	Code
<i>Lampropeltis elapsoides</i>	Snake, scarlet king	CHC, TAR
<i>Lampropeltis floridana</i>	Snake, Florida king	CHC
<i>Lampropeltis getulus</i>	Snake, king	CHC, PET, SMI, TAR
<i>Lampropeltis getulus holbrooki</i>	Snake, king (speckled)	CHC
<i>Lampropeltis goini</i>	Snake, blotched king	CHC
<i>Lampropeltis pyromelana</i>	Snake, mountain king	PET
<i>Lampropeltis triangulum</i>	Snake, milk	WHI
<i>Lampropeltis zonata</i>	Snake, Calif. mountain king	PET
<i>Leptophis richardi</i>	Snake, green tree	TAR
<i>Lichanura roseofusca</i>	Boa, rosy	PET
<i>Masticophis bilineatus</i>	Racer, sonoran	PET
<i>Masticophis flagellum</i>	Snake, black racer	PET
<i>Micruroides euryxanthus</i>	Snake, Arizona coral	PET
<i>Micrurus fulvius</i>	Snake, coral	CHC, LEM, TAR
<i>Micrurus spixi</i>	Snake, giant coral	TAR
<i>Naja naja</i>	Cobra, spectacled	CHC, ZOO
<i>Naja sp.</i>	Cobra	ZOO
<i>Natrix cyclopion</i>	Snake, green water	CHC, LEM, SMI, TAR, WHI
<i>Natrix fasciata</i>	Snake, banded water	CHC
<i>Natrix floridana</i>	Snake, Florida green water	CHC
<i>Natrix pictiventris</i>	Snake, Florida water	SMI
<i>Natrix sipedon</i>	Snake, water	CHC, TAR
<i>Natrix taxispilota</i>	Snake, brown water	CHC
<i>Opheodrys aestivus</i>	Snake, rough-keeled green	CHC, LEM, TAR
<i>Oxybelis acuminatus</i>	Snake, pike-headed	CHC, TAR
<i>Oxybelis fulgidus</i>	Snake, green vine	TAR
<i>Phimophis guianensis</i>	Snake, shovel-nose river	TAR
<i>Phyllorhynchus browni</i>	Snake, leafnose	PET
<i>Pituophis catenifer</i>	Snake, bull	PET, SCE, WHI
<i>Pituophis munitus</i>	Snake, pine	TAR
<i>Pituophis ruthveni</i>	Snake, Florida pine	CHC, SMI
<i>Pseudoboa cloelia</i>	Mussurana	TAR
<i>Pseudoeryx plicatella</i>	Snake, mud	TAR
<i>Python molurus</i>	Python	CHC, ZOO
<i>Python regius</i>	Python, ball	CHC
<i>Python reticulatus</i>	Python, reticulated	CHC, ZOO
<i>Python sebae</i>	Python, African rock	CHC, ZOO
<i>Rhinocheilus lecontei</i>	Snake, western longnose	PET
<i>Salvadora hexalepis</i>	Snake, western patchnose	PET
<i>Sistrurus miliarius</i>	Rattlesnake, pygmy	CHC, TAR
<i>Spilotes pullatus</i>	Snake, rat	TAR
<i>Storeria dekayi</i>	Snake, DeKay's	WHI
<i>Storeria occipitomaculate</i>	Snake, red-bellied woodland	LEM
<i>Tantilla sp.</i>	Snake, black-headed worm	PET
<i>Thalerophis richardi</i>	Snake, green tree	CHC, TAR
<i>Thamnophis ordinoides</i>	Snake, garter	LEM
<i>Thamnophis sackeri</i>	Snake, southern ribbon	CHC
<i>Thamnophis sauritus</i>	Snake, eastern ribbon	SMI, TAR, WHI
<i>Thamnophis sirtalis</i>	Snake, garter	CHC, PET, SCE, SMI, STE, TAR, WHI

OPHIDIA—Continued

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Trimorphodon lambda</i>	Snake, lyre Snake, not designated: Asian Glossy Non-poisonous South American Texas	PET TRE PET CAU TRE LOK

LORICATA

<i>Alligator mississippiensis</i>	Alligator, American	CHC, GEL, LEM, LOK, WHI, ZOO
<i>Caiman niger</i>	Caiman, black	GAT, TAR
<i>Caiman sclerops</i>	Caiman, spectacled	CHC, GAT, PEW, REP, TAR, ZOO
<i>Caiman sp.</i>	Caiman	GAT, LEM, SMI, WHI
<i>Crocodylus acutus</i>	Crocodile, American	CHC, TAR
<i>Palaeosuchus trigonatus</i>	Caiman, smooth-fronted	CHC, TAR
<i>Crocodylus moreletii</i>	Crocodile, Morelet's	CHC
<i>Tomistoma schlegelii</i>	Gavial, Malayan	ZOO

Aves

SPHENISCIFORMES

<i>Spheniscus homboldtii</i>	Penguin, Humboldt	TRE
<i>Spheniscus mendiculus</i>	Penguin, Galapagos	CHC
<i>Spheniscus sp.</i>	Penguin	GAT

STRUTHIONIFORMES

<i>Struthio camelus</i>	Ostrich	LOK, RID
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RHEIFORMES

<i>Rhea sp.</i>	Rhea	CHC
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PELICANIFORMES

<i>Fregata magnificens</i>	Frigate bird, magnificent	CHC
<i>Pelecanus occidentalis</i>	Pelican, brown	CHC

CICONIIFORMES

<i>Ajaja ajaja</i>	Spoonbill, roseate	CHC, GAT, SMI, TRE
<i>Ciconia ciconia</i>	Stork, European white	CHC
<i>Cochlearius cochlearius</i>	Heron, boat-billed	CHC, TAR
<i>Eudocimus alba</i>	Ibis, white	CHC, GAT, TAR
<i>Eudocimus rubra</i>	Ibis, scarlet	CHC, GAT, TRE
<i>Jabiru mycteria</i>	Stork, jabiru	CHC

CICONIIFORMES—Continued

Species	Common Name	Code
<i>Mycteria americana</i>	Ibis, American wood	CHC, SMI, TAR
<i>Nycticorax nycticorax</i>	Heron, black-crowned night	TAR
<i>Plegadis falcinellus</i>	Ibis, glossy	CHC, TAR
<i>Tigrisoma lineatum</i>	Heron, tiger-banded	CHC

PHOENICOPTERIFORMES

<i>Phoenicopterus chiliensis</i>	Flamingo, Chilean	CHC
<i>Phoenicopterus ruber</i>	Flamingo, common	CHC, GAT, RID, TAR
<i>Phoenicopterus sp.</i>	Flamingo	TRE

ANSERIFORMES

<i>Anas platyrhynchos</i>	Duck, mallard	TRS, WHI
<i>Anhima cornuta</i>	Screamer, horned	CHC, GAT
<i>Branta canadensis</i>	Goose, Canada	TRS
<i>Cairina moschata</i>	Duck, muscovy	TRS, WHI
<i>Chauna chavaria</i>	Screamer, black necked	CHC
<i>Chauna torquata</i>	Screamer, crested	GAT
<i>Cygnus columbianus</i>	Swan, white	RID
<i>Cygnus melanocoriphus</i>	Swan, black	CHC
<i>Cygnus olor</i>	Swan, white mute	CHC
<i>Cygnus sp.</i>	Swan, black necked	CHC
<i>Lophonetta specularoides</i>	Duck, crested	WHI
<i>Psophia creptans</i>	Trumpeter, common	CHC, GAT, TAR
<i>Psophia leucoptera</i>	Trumpeter, white winged	CHC, GAT, TAR
<i>Psophia viridis</i>	Trumpeter, green-winged	CHC, TAR
	Not designated:	
	Duck, Pekin	TRS, WHI
	Goose, Ebden	TRS

FALCONIFORMES

<i>Accipiter cooperii</i>	Hawk, Cooper's	WHI
<i>Aquila rapax</i>	Eagle, tawny	CHC
<i>Busarellus nigricollis</i>	Hawk, black collared	TAR
<i>Buteo buteo</i>	Buzzard, common	LOK
<i>Buteo magnirostris</i>	Hawk, roadside	TAR
<i>Caracara cheriway</i>	Caracara, crested	GAT, TAR
<i>Caracara sp.</i>	Caracara	CHC
<i>Circaetus ferox</i>	Eagle, Indian buzzard	CHC
<i>Coragyps atratus</i>	Vulture, black	GAT
<i>Falco sparverius</i>	Hawk, sparrow	TAR
<i>Falco sp.</i>	Falcon	TRE
<i>Harpia harpyja</i>	Eagle, harpy	CHC, TAR
<i>Microhierax sp.</i>	Falconet, pygmy	TRE
<i>Milvus migrans</i>	Kite, pariah	CHC
<i>Sarcorhampus papa</i>	Vulture, king	CHC, GAT, SMI, TAR, TRE
<i>Spizaetus ornatus</i>	Eagle-hawk	TAR

FALCONIFORMES—Continued

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Vultur gryphus</i>	Condor, Andean	CHC, TAR, TRE
	Not designated:	
	Falcon, South American	WHI
	Hawk	LOK

GALLIFORMES

<i>Aburria aburri</i>	Guan, wattled	TAR
<i>Acryllium vulturinum</i>	Guinea fowl	IRM, RED
<i>Chrysolophus amherstiae</i>	Pheasant, Lady Amherst	WHI
<i>Chrysolophus pictus</i>	Pheasant, golden	WHI
<i>Colinus virginianus</i>	Quail, bob white	TRS
<i>Coturnix coturnix</i>	Quail, coturnix	MDX, TRS
<i>Crax alector</i>	Currawow, crested	TAR
<i>Crax sp.</i>	Currawow	CHC
<i>Gallus domesticus</i>	Chicken and chick egg, see page 3	
<i>Lophura nycthemera</i>	Pheasant, silver	WHI
<i>Meleagris gallopavo</i>	Turkey and turkey eggs, see page 4	
<i>Mitu mitu</i>	Currawow, great razor-billed	CHC, TAR
<i>Pavo cristatus</i>	Peafowl	CHC, LOK, RED, SCL, TAR, TRE
<i>Phasianus colchicus</i>	Pheasant, ring-neck	TRS
<i>Phasianus sp.</i>	Pheasant	RED, RID, SCL

GRUIFORMES

<i>Aramidids cajanes</i>	Rail, Cayenne wood	CHC, TAR
<i>Botaurus sp.</i>	Bittern, tiger	CHC
<i>Eurypyga hellas</i>	Sun-bittern	CHC, TAR

CHARADRIIFORMES

<i>Burhinus bistriatus</i>	Plover, South American	TAR
<i>Burhinus superciliaris</i>	Thick-knee, South American	CHC
<i>Jacana spinosa</i>	Jacana, American black	CHC, TAR
<i>Larosterna inca</i>	Tern, Inca	CHC

COLUMBIFORMES

<i>Columba livia</i>	Pigeon, domestic	COG, CZE, HEA, LAE, LEM, PAL, RED, RES, STE, WHI
<i>Columba sp.</i>	Dove	RID
<i>Peristerid luzonica</i>	Dove, bleeding heart	CHC
<i>Streptopelia sp.</i>	Dove, ringneck	CHC, RED, WHI

PSITTACIFORMES

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Agapornis personata</i>	Lovebird, African black mask	CHC, GAT
<i>Agapornis roseicollis</i>	Lovebird, African peach face	CHC, GAT
<i>Amazona ochrocephala</i>	Parrot, yellow-headed	CHC, GAT, TAR
<i>Anodorhynchus hyacinthinus</i>	Macaw, hyacinth	CHC, TAR
<i>Ara ararauna</i>	Macaw, blue and gold	CHC, GAT, SMI, TAR
<i>Ara chloroptera</i>	Macaw, red and green	CHC, GAT, TAR
<i>Ara macao</i>	Macaw, scarlet	CHC, GAT, SMI
<i>Ara sp.</i>	Macaw	GAT, TAR, TRE
<i>Cacatua sp.</i>	Cockatoo	TRE
<i>Eupsittula canicularis</i>	Parrot, half moon	CHC, GAT, WHI
<i>Leptolophus hollandicus</i>	Cockatiel	CHC, GAT, SMI
<i>Poicephalus gulielmi</i>	Parrot, red head	CHC, GAT, WHI
<i>Psittacus erithacus</i>	Parrot, African gray	CHC, WHI
	Not designated:	
	Parrot	RID, WHI
	Parakeet	LOK, WHI, ZOO

CUCULIFORMES

<i>Tauraco leucophus</i>	Touraco, white crested	CHC
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STRIGIFORMES

<i>Aegolius acadicus</i>	Owl, saw-whet	WHI
<i>Bubo virginianus</i>	Owl, great horned	TAR, WHI
<i>Ciccaba virgata</i>	Owl, Cassin's wood	TAR
<i>Nyctea scandiaca</i>	Owl, snowy	WHI
<i>Otus asio</i>	Owl, screech	TAR, WHI
<i>Pulsatrix sp.</i>	Owl, spectacled	TAR
<i>Speotyto cunicularia</i>	Owl, burrowing	TAR
<i>Strix varia</i>	Owl, barred	TAR, WHI
<i>Tyto alba</i>	Owl, barn	TAR
	Owl, not designated	LOK

TROGONIFORMES

<i>Pharomacrus mocinno</i>	Quetzal	CHC
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CORACIIFORMES

<i>Momotus momota</i>	Motmot, blue-crowned	CHC, TAR
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PICIFORMES

<i>Aulacorhynchus haematopygus</i>	Toucanette, green, red rump	CHC
<i>Aulacorhynchus prasinus</i>	Toucanette, emerald	CHC
<i>Capito aurovirens</i>	Barbet, plaintive	CHC
<i>Pteroglossus beauharnaesii</i>	Toucanette, curly headed	CHC
<i>Pteroglossus inscriptus</i>	Aracari, lettered	TAR
<i>Pteroglossus torquatus</i>	Aracari, collared	CHC, GAT, TAR
<i>Ramphastos cuvieri</i>	Toucan, Cuvier's	CHC

PICIFORMES—Continued

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Ramphastos sulfuratus</i>	Toucan, sulphur breasted	CHC, GAT, SMI, TAR, ZOO
<i>Ramphastos swainsoni</i>	Toucan, Swainson's	CHC, GAT, TAR
<i>Ramphastos toco</i>	Toucan, toco	CHC, GAT, TAR, ZOO
<i>Ramphastos vitellinus</i>	Toucan, white breasted	CHC, GAT, SMI, TAR
<i>Ramphastos sp.</i>	Toucan	TRE
<i>Selenidera sp.</i>	Toucanette	GAT, SMI
<i>Semnornis ramphastinus</i>	Barbet, toucan	CHC

PASSERIFORMES

<i>Acridotheres tristis</i>	Mynah bird	SMI, TAR, WHI, ZOO
<i>Agelaius icterocephalus</i>	Marsh bird, yellow-headed	TAR
<i>Amandina sp.</i>	Finch, red	CHC
<i>Chlorophonia occipitalis</i>	Chlorophonia, blue crowned	CHC
<i>Corvus corax</i>	Raven	LOK, WHI, ZOO
<i>Corvus sp.</i>	Crow	WHI
<i>Cyanerpes caeruleus</i>	Honeycreeper, yellow legged	CHC
<i>Cyanerpes cyaneus</i>	Honeycreeper, blue	CHC, TAR
<i>Cyanocitta cristata</i>	Bluejay	WHI
<i>Estrilda melpoda</i>	Waxbill, orange cheeked	CHC
<i>Estrilda subflava</i>	Waxbill, gold breasted	CHC
<i>Exanthoura yncas</i>	Jay, Colombian green	CHC
<i>Gracula religiosa</i>	Mynah, Indian greater hill	CHC
<i>Icterus icterus</i>	Troupial	CHC, SMI, TAR
<i>Irena puella</i>	Bluebird, fairy	ZOO
<i>Lagonosticta senegala</i>	Finch, African fire	CHC
<i>Passer domesticus</i>	Sparrow, English	LEM, STE
<i>Pica hudsonia</i>	Magpie	WHI
<i>Pitangus sulphuratus</i>	Kiskadee, greater	TAR
<i>Procnias nudicollis</i>	Bell bird, bare-throated	CHC, TAR
<i>Ramphocelus carbo</i>	Tanager, silver-beaked	TAR
<i>Ramphocelus flammigrus</i>	Tanager, orange rumped	CHC
<i>Ramphocelus icteronotus</i>	Tanager, yellow rumped	CHC
<i>Ramphocelus passerini</i>	Tanager, scarlet rumped	CHC
<i>Rhipidura sp.</i>	Fantail	LOK
<i>Rupicola peruviana</i>	Cock-of-the-Rock, scarlet	CHC
<i>Rupicola rupicola</i>	Cock-of-the-Rock	CHC, TAR
<i>Serinus canarius</i>	Canary	SMI
<i>Sicalis flaveola</i>	Finch, saffron	TAR
<i>Sturnella militaris</i>	Starling, military	CHC
<i>Tanagra arthus</i>	Tanager, black eared golden	CHC
<i>Tanagra parzudakii</i>	Tanager, flame crowned	CHC
<i>Tanagra violacea</i>	Tanager, violet	CHC
<i>Thraupis episcopus</i>	Tanager, blue-gray	CHC, TAR
<i>Turdus nudigenis</i>	Robin, bare-eyed	TAR
	Not designated:	
	Finch, cordon bleu	CHC
	Jay, Inca	SMI
	Magpie, Indian red-billed blue	ZOO
	Tanager, mountain	CHC

OTHER BIRDS

Species	Common Name	Code
	Not designated	TRE

Mammalia

MARSUPIALIA

<i>Didelphis virginianus</i>	Opossum, American	CAU, CHC, COG, GAT, RID, SMI, ZOO
<i>Macropus sp.</i>	Kangaroo	TRE
<i>Perameles sp.</i>	Bandicoot	RID

INSECTIVORA

<i>Blarina brevicauda</i>	Shrew, short-tail	WHI
<i>Erinaceus europaeus</i>	Hedgehog, Eurasian	CHC, RID, ZEE, ZOO
<i>Erinaceus sp.</i>	Hedgehog	RID
<i>Hemiechinus auritus</i>	Hedgehog, long-eared	ZOO
<i>Hemiechinus megalotis</i>	Hedgehog, Afghan	ZOO
<i>Paraechinus micropus</i>	Hedgehog, desert	ZOO
<i>Solenodon paradoxus</i>	Solenodon	ZEE
<i>Suncus sp.</i>	Shrew, musk	ZOO
	Shrew, not designated	WHI

CHIROPTERA

<i>Eptesicus fuscus</i>	Bat, big brown	LEM
<i>Myotis lucifuga</i>	Bat, little brown	LEM

PRIMATA

Tupaiaidae

<i>Tupaia glis</i>	Tree shrew	ASI, INT, RID, ZOO
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Lemuridae

	Lemur, not designated	RID, ZEE
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Lorisidae

<i>Galago sp.</i>	Galago	ASI, INT, RID, WHI
<i>Loris sp.</i>	Slender loris	RID
<i>Nycticebus sp.</i>	Slow loris	CHC, RID
<i>Perodicticus sp.</i>	Potto	RID

Tarsiidae

<i>Tarsius spectrum</i>	Tarsier, Celebesean	RID
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Cebidae

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Alouatta palliata</i>	Monkey, red howler	CHC, GAT, RID, TAR
<i>Aotus trivirgatus</i>	Douroucouli	ASI, CHC, GAT, PEW, PRM, SHA, SMI, TAR, TRE, WHI
<i>Aotus sp.</i>	Monkey, night	RID
<i>Ateles fusciceps</i>	Monkey, gray spider	CHC, GAT, RES, RID, SMI, TAR, WHI
<i>Ateles geoffroyi</i>	Monkey, golden spider	CHC, GAT, HAT, REP, RES, TAR, WHI
<i>Ateles paniscus</i>	Monkey, black spider	ASI, CHC, GAT, TAR
<i>Ateles variegatus</i>	Monkey, black variegated spider	BUC, CHC, GAT, HAT, REP
<i>Ateles sp.</i>		GAT, HAT, HIF, PEW, PRM, SHA, TRE
<i>Cacajao rubicundus</i>	Uakari, red	CHC, GAT, RID
<i>Callicebus sp.</i>	Monkey, titi	CHC, GAT, HAT, RID
<i>Cebus aequatoriales</i>	Monkey, brown capuchin	CHC, GAT
<i>Cebus albifrons</i>	Monkey, cinnamon ringtail	ASI, CHC, GAT, PEW, PRM, REP, RID, SHA, SMI, TAR, WHI
<i>Cebus apella</i>	Monkey, capuchin	ASI, CHC, GAT, PEW, PRM, RID, SMI, TAR, WHI
<i>Cebus capucinus</i>	Monkey, white-face capuchin	ASI, BUC, CHC, GAT, PEW, REP, RID, TAR
<i>Cebus fatuellus</i>	Monkey, Brazilian capuchin	CHC, GAT, HAT, REP
<i>Cebus sp.</i>		GAT, HAT, RID, TRE, WHI
<i>Chiropotes satanus</i>	Saki, black-bearded	RID
<i>Lagothrix lagotricha</i>	Monkey, woolly	ASI, CHC, GAT, HAT, LAT, PEW, REP, RID, SHA, SMI, TAR, TRE, WHI
<i>Pithecia monachus</i>	Monkey, silver saki	CHC, GAT, TAR
<i>Pithecia sp.</i>	Sakiwinki	GAT
<i>Saimiri sciurea</i>	Monkey, squirrel	ASI, CHC, GAT, HAT, HIF, LAT, PEW, PRM, RED, REP, RES, RID, SHA, SMI, TAR, TRE, WHI

Callithricidae

<i>Callimico goeldi</i>	Marmoset, Goeldi's	CAC, GAT
<i>Callithrix aurita</i>	Marmoset, white-eared	CHC, PEW
<i>Callithrix sp.</i>	Marmoset	GAT, HAT, PRM, REP, RID, SHA, SMI, TRE
<i>Cebuella pygmae</i>	Marmoset, pygmy	ASI, CHC, GAT, HAT, LAT, PEW, REP, TAR, WHI
<i>Leontocebus leucopus</i>	Tamarin, white-footed	GAT
<i>Leontocebus napo</i>	Tamarin, red-mantled	CHC, GAT

Callithricidae—Continued

Species	Common Name	Code
<i>Leontocebus nigricollis</i>	Tamarin, black and red	CHC, GAT, TAR
<i>Leontocebus rosalia</i>	Tamarin, golden lion	GAT, PEW
<i>Leontocebus sp.</i>		HAT, RID
<i>Oedipomidas oedipus</i>	Pinche, cottontop	ASI, CHC, GAT, HAT, PEW, SHA, TAR, WHI
<i>Oedipomidas spixi</i>	Pinche, Spix's	CHC, GAT
<i>Oedipomidas sp.</i>		RID
<i>Tamarinus mystax</i>	Tamarin, white moustached	PEW
<i>Tamarinus nigricollis</i>	Tamarin, moustached	ASI, PEW
<i>Tamarin tamarin</i>	Tamarin, black	PEW
<i>Tamarinus sp.</i>		GAT, HAT

Cercopithecoidea

<i>Cercocebus albigena</i>	Mangabey, crested	ASI
<i>Cercocebus fuliginosus</i>	Mangabey, sooty	CHC, PRM, SHA, WHI
<i>Cercocebus torquatus</i>	Mangabey, red-capped	CHC
<i>Cercocebus sp.</i>	Mangabey	HAT, RID, TRE, VAN
<i>Cercopithecus aethiops</i>	Guenon	ASI, BUC, CAC, CHC, HAT, RID, SHA, VAN, ZEE
<i>Cercopithecus albigularis</i>	Monkey, Syke's	CAC, HAT, RID, SHA
<i>Cercopithecus ascanus</i>	Monkey, white-nose	VAN
<i>Cercopithecus cephus</i>	Monkey, moustached	RID
<i>Cercopithecus diana</i>	Monkey, diana	CHC, RID
<i>Cercopithecus mona</i>	Monkey, mona	CHC, RID, SHA
<i>Cercopithecus nictitans</i>	Guenon, spot-nosed	ASI, RID
<i>Cercopithecus pygerythrus</i>	Monkey, vervet	HAT, INT, PRM, RID
<i>Cercopithecus sabaeus</i>	Monkey, green	BUC, CHC, HAT, HIF, RID, SHA
<i>Erythrocebus patas</i>	Monkey, patas	ASI, CHC, HAT, PRM, RID, SHA, TRE, VAN
<i>Macaca fuscata</i>	Monkey, Japanese	ASI
<i>Macaca trus</i>	Monkey, cynomolgus	ASI, BUC, CAC, CHC, HAT, INT, PEW, PRM, RID, SHA, VAN
<i>Macaca mulatta</i>	Monkey, rhesus	ASI, CAC, CHC, GAT, HAT, HIF, IFT, INT, LOK, PEW, PRM, RED, RES, RID, SHA, TRE, VAN, VIT, ZEE
<i>Macaca nemestrina</i>	Monkey, pigtail	ASI, CHC, GAT, HAT, INT, PEW, PRM, RID, SHA, ZEE
<i>Macaca silene</i>	Wanderoo	RID
<i>Macaca speciosus</i>	Monkey, stump-tail	ASI, CAC, CHC, GAT, HAT, INT, PEW, PRM, REP, RID, VAN
<i>Macaca zatti</i>	Monkey, bonneted	ASI, IFT, PRM, RID, VIT, ZEE
<i>Magus maurus</i>	Moor	RID
<i>Mandrillus leucophaeus</i>	Drill	RID

Cercopithecidae—Continued

Species	Common Name	Code
<i>Mandrillus sphinx</i>	Mandrill	CHC, RID
<i>Mandrillus sp.</i>	Mandrill	HAT, TRE
<i>Miotopithecus talapoin</i>	Talapoin	CHC, RID
<i>Papio anubis</i>	Baboon, "Guinea"	BUC, CHC, RID, TRE, ZEE
<i>Papio comatus</i>	Baboon, Chacma	RID
<i>Papio cynocephalus</i>	Baboon, yellow	ASI, RID
<i>Papio doguera</i>	Baboon, anubis	ASI, PRM
<i>Papio hamadryas</i>	Baboon, hamadryas	CHC, PRM, RID, SHA, TRE
<i>Papio papio</i>	Baboon, olive	ASI, RID, SHA
<i>Papio sp.</i>	Baboon	BUC, HAT, INT, LOK, VAN
<i>Presbytis sp.</i>	Langur	RID, VAN
<i>Semnopithecus entellus</i>	Langur, sacred	HAT
<i>Semnopithecus sp.</i>	Langur	ASI
<i>Theropithecus gelada</i>	Baboon, gelada	BUC, CHC, RID
<i>Trachypithecus obscurus</i>	Leaf-monkey, dusky	ASI
<i>Trachypithecus pileatus</i>	Leaf-monkey, capped	ASI
<i>Pongidae</i>		
<i>Gorilla beringei</i>	Gorilla, mountain	VAN
<i>Gorilla gorilla</i>	Gorilla, lowland	VAN
<i>Gorilla sp.</i>	Gorilla	RES, RID, TRE, ZEE
<i>Hylobates agilis</i>	Gibbon, agile	ASI
<i>Hylobates lar</i>	Gibbon, lar	ASI
<i>Hylobates sp.</i>	Gibbon	CHC, HAT, PRM, RES, RID, TRE, VAN, ZEE
<i>Pan satyrus</i>	Chimpanzee	CHC, ZEE
<i>Pan troglodytes</i>	Chimpanzee	GAT, VAN
<i>Pan sp.</i>	Chimpanzee	ASI, GAT, HAT, PRM, RES, RID, TRE
<i>Pongo pygmaeus</i>	Orang-utang	VAN
<i>Pongo sp.</i>		HAT, TRE
<i>Symphalangus syndactylus</i>	Siamang	RID, TRE
<i>Other Primates</i>		
	Not designated:	
	Monkey	BUC, RES, ZEE
	Primate	WAR
EDENTATA		
<i>Bradypus sp.</i>	Sloth, three-toed	CHC, LOK
<i>Choloepus didactylus</i>	Sloth, two-toed	CHC, GAT, LOK, SMI, TAR
<i>Dasybus novemcinctus</i>	Armadillo	GAT, LOK, SMI, TAR
<i>Didactylus sp.</i>	Anteater, pygmy	CHC
<i>Echidna aculeata</i>	Anteater, spiny	ZEE
<i>Myrmecophaga tridactyla</i>	Anteater, giant	CHC, GAT, SMI, TAR
<i>Tamandua tetradactyla</i>	Anteater, lesser	CHC, GAT, TAR

PHOLIDOTA

Species	Common Name	Code
<i>Manis crassicaudata</i>	Pangolin	ZOO
<i>Manis sp.</i>	Pangolin	TRE, ZEE

LAGOMORPHA

<i>Lepus californicus</i>	Jackrabbit	RID
<i>Ochotona sp.</i>	Pika	RID
<i>Oryctolagus cuniculus</i>	Rabbit, see pages 4-6	
<i>Sylvilagus sp.</i>	Rabbit, cottontail	RID

RODENTIA

<i>Acomys sp.</i>	Mouse, spiny	WHI
<i>Cavia porcellus</i>	Guinea pig, see page 18	
<i>Chinchillas laniger</i>	Chinchilla, So. American	RID
<i>Citellus harrisi</i>	Squirrel, antelope ground	CHC, PET
<i>Citellus lateralis</i>	Squirrel, golden mantled ground	PET
<i>Citellus tereticaudus</i>	Squirrel, roundtail ground	CHC, PET, WHI
<i>Citellus tridecelineatus</i>	Squirrel, 13 lined ground	CHC, WHI
<i>Citellus variegatus</i>	Squirrel, rock	PET, WHI
<i>Citellus sp.</i>	Squirrel, ground	LOK
<i>Clethrionomys sp.</i>	Mouse, red-backed	WHI
<i>Coendou prehensilis</i>	Porcupine, prehensile-tailed	CHC, TAR
<i>Cricetulus griseus</i>	Hamster, Chinese	WHI
<i>Cuniculus paca</i>	Paca	CHC, GAT, LOK, RID, TAR
<i>Cynomys sp.</i>	Prairie dog	CHC, LOK, RID
<i>Dasyprocta aguti</i>	Agouti, golden	CHC
<i>Dasyprocta fuliginosa</i>	Agouti, common	CHC, GAT, LOK, RID, SMI, TAR, TRE
<i>Dipodomys merriami</i>	Rat, Merriam's kangaroo	PET
<i>Dipodomys spectabilis</i>	Rat, bannertail kangaroo	PET, RID
<i>Dipodomys sp.</i>	Rat, kangaroo	WHI
<i>Dipus sp.</i>	Jerboa	RID
<i>Eutamias dorsalis</i>	Chipmunk, cliff	PET
<i>Erethizon dorsatum</i>	Porcupine, No. American	ZOO
<i>Glaucomys sabrinus</i>	Squirrel, Richardson flying	WHI
<i>Glaucomys volans</i>	Squirrel, eastern flying	CHC, GAT, LOK, SMI, TAR, WHI
<i>Colunda ellioti</i>	Rat, Indian bush	CHC
<i>Hydrochoerus capybara</i>	Capybara	CHC, GAT, RID, TAR
<i>Hystrix sp.</i>	Porcupine, African crested	CHC
<i>Marmota monax</i>	Woodchuck	RID, WHI
<i>Meriones unguiculatus</i>	Gerbil, Mongolian	RID, TUM, WHI, WIN
<i>Meriones sp.</i>	Jird	RID
<i>Mesocricetus auratus</i>	Hamster, Golden (or Syrian Golden), see page 17	
<i>Microtus pennsylvanicus</i>	Vole, meadow	WHI
<i>Mus musculus</i>	Laboratory mouse, see pages 6-14	
<i>Myocaster coypus</i>	Nutria	CHC, GAT, LOK, RID

RODENTIA—Continued

Species	Common Name	Code
<i>Myoprocta sp.</i>	Agouti, tailed	CHC, GAT
<i>Neotoma albigula</i>	Rat, white-throated pack	PET
<i>Neotoma lepida</i>	Rat, desert pack	WHI
<i>Ondatra zibethica</i>	Muskrat	LEM, RID
<i>Onychomys torridus</i>	Mouse, grasshopper	PET, WHI
<i>Oryzomys palustris</i>	Rat, rice	WHI
<i>Perognathus amplus</i>	Pocket mouse, Arizona	PET
<i>Perognathus baileyi</i>	Pocket mouse, Bailey's	PET
<i>Perognathus flavus</i>	Pocket mouse, silky	PET
<i>Perognathus hispidus</i>	Pocket mouse, hispid	PET
<i>Perognathus penicillatus</i>	Mouse, desert pocket	RID, PET, WHI
<i>Peromyscus boylei</i>	Mouse, brush	PET
<i>Peromyscus leucopus</i>	Mouse, white-footed	WHI
<i>Peromyscus maniculatus</i>	Mouse, deer	PET
<i>Peromyscus sp.</i>	Mouse, deer	WHI
<i>Pitymys pinetorum</i>	Mouse, pine	WHI
<i>Rattus norvegicus</i>	Laboratory rat, see pages 14-16	
<i>Sciurus carolinensis</i>	Squirrel, cat	TAR
<i>Sciurus niger</i>	Squirrel, fox	WHI
<i>Sciurus variegatus</i>	Squirrel, red	GAT, TAR, WHI
<i>Sciurus sp.</i>	Squirrel	LOK, WHI
<i>Sigmodon hispidus</i>	Rat, cotton	PET, RID, TUM, WHI
<i>Tamias striatus</i>	Chipmunk, eastern antelope	WHI
<i>Tamias sp.</i>		WHI
<i>Tatera sp.</i>		RID
	Mouse, not designated:	
	Canyon, English, English	WHI
	waltzing	
	Field	CHC
	Hairless	WHI
	House	LEM
	House (agouti), Japanese	
	waltzing, permanent wave,	
	Rex coated, two-tone, woolly	WHI

CARNIVORA

<i>Acinonyx jubatus</i>	Cheetah	TRE
<i>Bassaricyon sp.</i>	Olingo	CHC
<i>Canis familiaris</i>	Domestic dog, see pages 18-19	
<i>Canis latrans</i>	Coyote	LOK
<i>Felis catus</i>	Domestic cat, see page 19	
<i>Felis concolor</i>	Puma	CHC, GAT
<i>Felis onca</i>	Jaguar	CHC, GAT
<i>Felis pardalis</i>	Ocelot	CHC, GAT, SMI, TAR
<i>Felis silvestris</i>	Wildcat	CHC
<i>Felis tigris</i>	Tiger	CHC, TRE
<i>Grison sp.</i>	Grison	CHC, GAT, TAR
<i>Herpailurus yaguarondi</i>	Jaguarondi	GAT, SMI
<i>Leo sp.</i>	Lion	CHC, GAT, TRE
<i>Lutra vulgaris</i>	Otter, common	GAT, LOK
<i>Lutra sp.</i>	Otter	CHC, TAR, TRE

CARNIVORA—Continued

Species	Common Name	Code
<i>Mephitis mephitis</i>	Skunk	CHC, GAT, LOK, RID, SCL, TAR, WHI
<i>Mustela furo</i>	Ferret	MAS, RID
<i>Mustela vison</i>	Mink	RID
<i>Mustela sp.</i>	Weasel	WHI
<i>Nasua narica</i>	Coatimundi, gray	CHC, GAT, LOK, SMI, TAR
<i>Nasua nasua</i>	Coatimundi, red	CHC, GAT, LOK, SMI, TAR
<i>Noctifelis sp.</i>	Margay	CHC, GAT
<i>Panthera sp.</i>	Leopard	CHC, TRE
<i>Potos flavus</i>	Kinkajou	CHC, GAT, LOK, SMI, TAR
<i>Procyon lotor</i>	Raccoon	CHC, LEM, LOK, SMI, TAR
<i>Pteronura brasiliensis</i>	Otter, giant	CHC, GAT, TAR
<i>Speothus venaticus</i>	Bush dog	CHC
<i>Spilogale ambarvalis</i>	Civet cat	LOK
<i>Spilogale putorius</i>	Skunk, spotted	CHC, LOK, SMI, TAR, WHI
<i>Taxidea sp.</i>	Badger, American	CHC, LOK
<i>Tayra barbara</i>	Tayra	CHC, GAT
<i>Urocyon sp.</i>	Fox, gray	CHC, LOK
<i>Vulpes fulva</i>	Fox, red	CHC, GAT, LOK, RID

TUBULIDENTATA

<i>Orycteropus afer</i>	Aardvark	CHC, ZEE
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HYRACOIDEA

<i>Hyrax capensis</i>	Hyrax	CHC
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PERISSODACTYLA

<i>Tapirus terrestris</i>	Tapir	CHC, GAT, TAR, TRE
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ARTIODACTYLA

<i>Antelope cervicapra</i>	Blackbuck	CHC
<i>Axis axis</i>	Deer, Axis	SCL
<i>Capra aegagrus</i>	Goat, nubian	POC
<i>Capra falconeri</i>	Goat, angora	TRA
<i>Capra sp.</i>	Goat	HEA, WAR
<i>Dama sp.</i>	Deer, fallow	SCL
<i>Lama glama</i>	Llama	CHC
<i>Lama huanca</i>	Guanaco	CHC
<i>Odocoileus virginianus</i>	Deer, white-tailed	SCL
<i>Ovis montanus</i>	Mouflon	POC
<i>Ovis tragelaphus</i>	Aoudad	CHC
<i>Ovis sp.</i>	Sheep	WAR

ARTIODACTYLA—Continued

<i>Species</i>	<i>Common Name</i>	<i>Code</i>
<i>Sika sp.</i>	Deer, Sika	SCL
<i>Sus scrofa</i>	Pig, domestic	LEM, WAR
<i>Sus sp.</i>	Pigs, germfree	STB
<i>Sus sp.</i>	Pigs, miniature	VIV
<i>Sus sp.</i>	Pigs, SPF	STB
<i>Sus sp.</i>	Swine	WAR
<i>Tayassu sp.</i>	Peccary	LOK
	Not designated:	
	Hogs, African Guinea	RID
	Wattled pig, dwarf	LAT
OTHER MAMMALS		
	Mammal, not designated	RID, TRE

III. Laboratory Animal Equipment and Materials

Manufacturers of Laboratory Animal FEED

Cats	AGW, ANF, ATO, BOR, CHF, DEE, FAR, FIF, GEK, GEN, HID, MOR, OLM, PER, QUA, RAL, ROK, STR, SWI, TEK, WIH
Dogs	AGW, ALL, ANF, ATO, BOR, CAR, CHF, DEE, ESH, FAR, FIF, GEK, GEN, HID, KRA, MOR, NUM, NUW, OLM, PER, PRI, QUA, RAL, ROK, STR, SWI, TEK, WIH, WIR
Guinea Pigs	AGW, ALL, ANF, BOR, CAR, CHF, FAR, FIF, GEK, HOP, NUW, PER, PRI, RAL, ROK, STA, TEK
Hamsters	AGW, ALL, ANF, BOR, CAR, CHF, FAR, FIF, GEK, HOP, NUW, PER, PRI, RAL, ROK, STA, TEK
Mice	AGW, ALL, ANF, CAR, CHF, FAR, FIF, GEK, HOP, MOY, OLM, PER, PRI, RAL, ROK, STA, STR, TEK
Poultry	ALL, ANF, BOR, CHF, ESH, FAR, FIF, GEK, KRA, OLM, QUA, RAL, ROK, WIR
Primates	AGW, ANF, CHF, FAR, FIF, GEK, OLM, PER, PRI, RAL, ROK, STR, TEK
Rabbits	AGW, ALL, ANF, BOR, CAR, CHF, ESH, FAR, FIF, NUW, PER, QUA, RAL, ROK, TEK, WIR
Rats	AGW, ALL, ANF, CAR, CHF, FAR, FIF, GEK, HOP, MOY, OLM, PER, PRI, ROK, STA, STR, TEK
Special Diets	Dry and canned diets—MOR; Experimental diets per specifications—MOR, OLM; Germfree diets—NUT; Germfree diets for guinea pigs, chicks, rats—GEK; Germfree semi-solid diets—GEK; Germfree cariogenic test diet—GEK; “Oven-baked” laboratory diets—OLM; Prescription Diet® animal food—HID; Synthetic diets—NUT; Test diets—NUT

Manufacturers of Laboratory Animal Equipment—WASHING MACHINES

<i>Animal Cage</i>	<i>Rotary Tunnel</i>	ALV, ATM, GIR, HEI, IND, MEM, PER, RAM, RAN, WRI ALV, ATM, GIR, HOB, IND, MEM, PER, RAM, RAN, SOU, SPB, WRI
	<i>Cabinet</i>	ALV, ATM, BEY, FOS, GIR, HOB, IND, MEM, PER, RAM, RAN, SCK, SOU, SPB, WRI
	<i>Other</i>	Combination cabinet/rack—IND; Combined cage and rack washer—WRI; Conveyor—TOL; Custom designed—ALV; Flexible shaft brushing machines—SOU; "Simultaneous multi-frequency" cleaning equipment—CRE; Ultrasonic cleaning equipment—CRE, ULT
<i>Rack</i>	<i>Rotary Tunnel</i>	ALV, ATM, GIR, IND, MEM, PER, RAM, RAN ALV, ATM, GIR, HOB, IND, MEM, PER, RAM, RAN, SPB, WRI
	<i>Cabinet</i>	ALV, ATM, BEY, FOS, GIR, HOB, IND, MEM, PER, RAM, RAN, SPB, WRI
	<i>Other</i>	Animal metabolism cage—STA; Combined cage and rack washer—WRI; Conveyorized—WRI; Custom designed—ALV; Flexible shaft brushing machine—SOU; Hydraulic rotating spray—wash/rinse—IND; Ultrasonic cleaning system—CRE, ULT
<i>Water Bottle</i>	<i>Rotary Tunnel Cabinet</i>	ATM, IND, PER, RAN ALV, ATM, GIR, HOB, IND, MEM, PER, RAN, SOU, WRI ALV, ATM, BEY, FOS, GIR, HOB, IND, MEM, PER, RAM, RAN, SCK, SOU, WRI
	<i>Other</i>	Automated bottle, wire case and sipper tube system including "in the case" bottle washer and filler—WRI; Custom designed—ALV; G.I. can washer—IND; Rotating brush machine—SOU; Ultrasonic cleaning equipment—CRE, ULT
	<i>Other</i>	Pass through system with decontamination equipment—HEI

MANUFACTURERS OF LABORATORY

<i>Animal</i>	<i>Stainless Steel</i>	<i>Galvanized Metal</i>
Mice	ACM, ALO, AME, AMG, AML, ANM, ANQ, ARM, ATM, BUS, CAV, CEN, DIS, DOU, FAA, FEN, FOF, HAO, HOE, JAA, KEY, LAB, LAC, LAF, LAC, LAF, LEN, MEL, NOW, PER, POS, SAN, SCG, SCK, STA, UNI, VOK, WAB, WID, WYI	ACM, ALO, AME, AMG, ANM, ANQ, ARM, ATM, BUS, CAM, CAV, CEN, DOU, FEN, FOF, HAO, HOE, KEY, LAC, LAF, LEN, MEL, NOW, PER, POS, SAN, SCG, SCK, UNI, WAB, WID, WYI
Rats	ACM, ALO, AME, AMG, ANM, ANQ, ARM, ATM, BUS, CAV, CEN, DOU, FAA, FEN, FOF, HAO, HOE, JAA, KEY, LAB, LAC, LAF, LEN, NOW, NUC, PAR, PER, POS, SAN, SCG, SCK, SOU, STA, SUB, UNI, VOK, WAB, WID, WYI	ACM, ALO, AME, AMG, ANM, ANQ, ARM, ATM, BUS, CAM, CAV, CEN, DOU, FEN, FOF, HAO, HOE, KEY, LAC, LAF, LEN, MEL, NOW, PER, POS, SAN, SCG, SCK, UNI, WAB, WID, WYI
Guinea Pigs	ACM, ALO, AME, AMG, ANM, ANQ, ARM, ATM, BUS, CAV, CEN, DOU, FEN, FOF, HAO, HOE, KEY, LAB, LAC, LAF, LEN, NOW, NUC, PAR, PER, POS, SCG, SCK, SOU, STA, SUB, UNI, VOK, WAB, WID, WYI	ACM, ALO, AME, AMG, ANM, ANQ, ARM, ATM, BUS, CAM, CAV, CEN, DOU, FEN, FOF, HAO, HOE, KEY, LAC, LAF, LEN, MEL, NOW, PER, POS, SCG, SCK, UNI, WAB, WID, WYI
Hamsters	ACM, ALO, AME, AMG, ANM, ANQ, ARM, ATM, BUS, CEN, DOU, FEN, FOF, HAO, HOE, JAA, KEY, LAB, LAC, LAF, LEN, NOW, NUC, PAR, PER, POS, SCG, SCK, SOU, STA, UNI, VOK, WAB, WID, WYI	ACM, ALO, AME, AMG, ANM, ANQ, ARM, ATM, BUS, CAM, CEN, DOU, FEN, FOF, HAO, HOE, KEY, LAC, LAF, LEN, MEL, NOW, PER, POS, SCG, SCK, UNI, WAB, WID, WYI
Rabbits	ACM, ALO, AME, AMG, ANM, ANQ, ARM, ATM, BUS, CAV, CEN, DOU, FEN, FOF, HAO, HOE, KEY, LAB, LAC, LAF, LEN, NOW, PAR, PER, POS, SAN, SCG, SCK, SOU, SUB, UNI, WAB, WID, WYI	ACM, ALO, AME, AMG, ANM, ANQ, ARM, ATM, BUS, CAV, CEN, DOU, FEN, FOF, HAO, HOE, KEY, LAC, LAF, LEN, NOW, PER, POS, SAN, SCG, SCK, UNI, WAB, WID, WYI
Dogs	ACM, AME, ANM, ANQ, ARM, ATM, BUS, CAV, DOU, ETH, FEN, FOF, HAO, HOE, KEY, LAB, LAC, LAF, LAC, LAF, LEN, MEL, NOW, PER, POS, SAN, SCG, SCK, SOU, SUB, UNI, VOK, WAB, WID, WYI	ACM, AME, ANM, ANQ, ARM, ATM, BUS, CAV, DOU, ETH, FEN, FOF, HAO, HOE, KEY, LAC, LAF, LEN, NOW, PER, POS, SAN, SCG, SCK, SOU, SUB, UNI, WAB, WID, WYI
Cats	ACM, AME, ANM, ANQ, ARM, ATM, BUS, CEN, DOU, ETH, FEN, FOF, HAO, HOE, KEY, LAB, LAC, LAF, LAC, LAF, LEN, MEL, NOW, PER, POS, SAN, SCG, SCK, SOU, SUB, UNI, VOK, WAB, WID, WYI	ACM, AME, ANM, ANQ, ARM, ATM, BUS, CEN, DOU, ETH, FEN, FOF, HAO, HOE, KEY, LAC, LAF, LEN, NOW, PER, POS, SAN, SCG, SCK, SOU, SUB, UNI, WAB, WID, WYI

ANIMAL CAGES

<i>Aluminum</i>	<i>Plastic</i>	<i>Glass</i>	<i>Other Material</i>
ACM, AME, CAM, FAA, FEN, FOF, HAO, HOE, KEY, LEN, NOW, POS, SCG, SCK, VOK, WAB, WEA, WID, WYI	AME, ANQ, CON, DIS, FAA, KEY, LAB, MBP, MEL, PAT, PER, RUG, SCK, VOK, WID	CAM, CEN, DEL, MEL, SCK, STA	Bonderized, painted wire and steel—MEL; Cold rolled steel, nickel-plated—ATM; Fiber glass—RUG; Steel—UNI; Steel wire, electro-plated—ANM; Wire—CAV; Zinc plated—LAB, UNI
ACM, AME, CAM, FAA, FEN, FOF, HAO, HOE, KEY, LEN, NOW, POS, SCG, SCK, VOK, WAB, WEA, WID, WYI	AME, ANQ, ATS, CON, FAA, KEY, LAB, MBP, MEL, NUC, PAT, PER, RUG, SCK, VOK, WID	CAM, CEN, DEL, MEL, SCK, STA	Bonderized, painted wire and steel—MEL; Cold rolled steel, nickel-plated—ATM; Fiber glass—RUG; Magnesium—SUB; Steel—UNI; Steel wire, electro-plated—ANM; Wire—AMO, CAV; Zinc plated—LAB, UNI
ACM, AME, CAM, FEN, FOF, HAO, HOE, KEY, LEN, NOW, POS, SCG, SCK, VOK, WAB, WEA, WID, WYI	AME, KEY, LAB, MBP, MEL, NUC, PAT, PER, SCK, VOK, WID	CAM, CEN, DEL, MEL, SCK, STA	Bonderized, painted wire and steel—MEL; Cold rolled steel, nickel-plated—ATM; Magnesium—SUB; Steel—UNI; Steel wire, electro-plated—ANM; Wire—AMO, CAV; Zinc plated—LAB, UNI
ACM, AME, CAM, FEN, FOF, HAO, HOE, KEY, LEN, NOW, POS, SCG, SCK, VOK, WAB, WEA, WID, WYI	AME, CON, KEY, LAB, MBP, MEL, NUC, PAT, PER, SCK, VOK, WID	CAM, CEN, MEL, SCK, STA	Bonderized, painted wire and steel—MEL; Cold rolled steel, nickel-plated—ATM; Steel—UNI; Steel wire, electro-plated—ANM; Zinc plated—LAB, UNI
ACM, AME, FEN, FOF, HAO, HOE, KEY, LEN, NOW, POS, SCG, SCK, WAB, WEA, WID, WYI	AME, KEY, KIR, LAB, PAT, PER, SCK, WID	CEN, DEL, SCK	Cold rolled steel, nickel-plated—ATM; Magnesium—SUB; Steel—UNI; Steel wire—electro plated—ANM; Wire—AMO; Zinc plated—LAB, UNI
ACM, AME, FEN, FOF, HAO, HOE, KEY, LEN, NOW, POS, SCG, SCK, VOK, WAB, WEA, WID, WYI	AME, FIB, KEY, KIR, LAB, PAT, PER, SCK, VOK, WID	SCK	Cold rolled steel, nickel-plated—ATM; Formica lined cages—SNM; Magnesium—SUB; Steel—UNI; Steel wire, electro-plated—ANM; Wire—AMO; Zinc plated—LAB, UNI
ACM, AME, FEN, FOF, HAO, HOE, KEY, LEN, NOW, POS, SCG, SCK, VOK, WAB, WEA, WID, WYI	AME, FIB, KEY, KIR, LAB, PER, SCK, VOK, WID	CEN, SCK	Cold rolled steel—nickel plated—ATM; formica lined cages—SNL; magnesium—SUB; steel—UNI; steel wire, electro-plated—ANM; wire—AMO; zinc plated—LAB, UNI

MANUFACTURERS OF LABORATORY

<i>Animal</i>	<i>Stainless Steel</i>	<i>Galvanized Metal</i>
Primates	ACM, AME, ANQ, ATM, BUS, DOU, FEN, FOF, HAO, HOE, KEY, LAB, LAC, LAF, LEN, NOW, PAR, PER, POS, SCC, SCK, SOU, SUB, UNI, VOK, WAB, WID, WYI	ACM, AME, ANQ, ATM, BUS, DOU, FEN, FOF, HAO, HOE, KEY, LAC, LAF, LEN, NOW, PER, POS, SCC, SCK, UNI, WAB, WID, WYI
Poultry	ACM, AMG, ANM, ANQ, ATM, BUS, DOU, FOF, HAO, LAC, LAF, LEN, NOW, PAR, POS, WAB	ACM, AMG, ANM, ANQ, ATM, BUS, DOU, FOF, HAO, LAC, LAF, LEN, NOW, POS, WAB
Other:	Alligators (baby)—s/s, plastic—NUC Bats—s/s, galvanized metal, steel, zinc plated—UNI Chinchillas—wire—AMO Gerbils—s/s—HOE, UNI; galvanized metal, steel, zinc plated—UNI Group monkey cages—s/s—SPB Insects—s/s—LEN, WAB; galvanized metal, aluminum—WAB Opossums—s/s, galvanized metal—DOU Pigeons—s/s, galvanized metal—BUS, CEN; glass—CEN Pigs—s/s, galvanized metal, steel, zinc plated—UNI Reptiles—s/s, galvanized metal—DOU Sheep metabolism—s/s, galvanized metal, aluminum—WAB Snakes—plastic—KIR Swine metabolism—s/s, galvanized metal, aluminum—WAB	

ANIMAL CAGES—Continued

<i>Aluminum</i>	<i>Plastic</i>	<i>Glass</i>	<i>Other Material</i>
ACM, AME, FEN, FOF, HAO, HOE, KEY, LEN, NOW, POS, SCG, SCK, VOK, WAB, WEA, WID, WYI	AME, KEY, KIR, LAB, PAT, PER, SCK, VOK, WID	SCK	Cold rolled steel—nickel plated— ATM; magnesium—SUB; steel—UNI; zinc plated—LAB, UNI
ACM, FOF, HAO, LEN, NOW, POS, WAB	PAT	DEL	Cold rolled steel—nickel plated— ATM; steel wire, electro-plated— ANM; wire—AMO

Manufacturers of GERM-FREE LABORATORY EQUIPMENT

Accessories, miscellaneous for Reyniers Germfree systems	REY	Isolator/Lab ^(tm) for controlled atmosphere and varied pathogenic environments	FIS
Air cleaning unit (Sterishield ^(tm))	BAK	Isolators, bench type, s/s, plastic	PAR
Air hoses	GAF	complete, parts, supplies (sale or lease)	MAL
Apparatus (not designated)	ATM	fiber glass	GES, SNL
Bases, fiber glass	SNL	flexible film	GES, NAU, SNL
Bedding, Sanicel	NAU	flexible film, rental	NAU
Blowers	GAF, SNL	flexible film, component parts	GES
Boots, disposable plastic (Footgard)	PLA	flexible film, for caesarean delivery, rearing, breeding, transfer	AMS, GAF
Boxes, glove	MAN	Isolators, large capacity metal	MDM
Cabinets	BAK	Pen Tub, s/s and plastic	PAR
biological safety	HAF	Reyniers surgical, s/s	REY
complete control	HAF	Reyniers connecting and examining, s/s	REY
horizontal laminar flow	ULT	Reyniers standard germfree, s/s	REY
Cages, filter type	ATM	rigid plexiglas transparent plastic	GES
isolation, poultry (metal)	HAO	stainless steel	KEW
isolator (any species)	GES	technical assistance in construction and installation	NAU
Caps, entry port	SNL	tub (3 sizes), s/s and plastic	PAR
Cart, sterilization control	REY	Kits, flexible film isolator	GES
Chambers, isolation, controlled environment	GES, UNI	Locks, demountable sterile, s/s	REY
Clamps, *s/s	GAF	Metabolism cages	STA
Cylinders, supply, s/s	GAF	Outlet traps	GAF
Diets, special	NAU, NUT	Padding	SNL
Doors, fiber glass	GAF	Port entry	SNL
Dry boxes and systems	BAK, KEY	Press, food pellet	REY
Enclosair Labs ^(tm) (controlled atmosphere)	FOS	Rings, glove	GAF, SNL
Enclosures, dust free work, plastic, s/s	ULT	Rooms, dust controlled pre-fabricated	BAK
environmental	MAN	Sleeves, transfer	SNL
Equipment, animal care and lab	POS	Tanks, external sterile water, s/s	REY
specially engineered as requested	ATM, FOS	Tapes, assorted	GAF
Feed, sterile	NAU, NUT	Traps, outlet vacuum	SNL, THM
Film, flexible, custom made items	GAF	Tubing	SNL
Filter media	GAF	Ultra violet, black light equipmt.	FUL
Filters	GAF	germicidal equipment	FUL
Generator, portable steam, with control cart	REY	sunlamp equipment	FUL
Gloves, disposable plastic (Handgard)	PLA	tubes	FUL
dry box	GAF, PIY, SNL		
dry box, NEO-SOL Neoprene, BUTA-SOL Butyl, and RAD-BAR lead-loaded	CHB		
liner	PIY		
Housing, filter	SNL		

Manufacturers of GERM-FREE LABORATORY EQUIPMENT—Continued

Umbilical cord clamp	HOL	Water, sterile	NAU
Units, portable vacuum drying	REY	Weighing machines	EXA
surgical, s/s and plastic	PAR	Wheels, exercise	KEY
transfer, s/s and plastic	PAR	* s/s is used as abbreviation for stainless steel.	

Manufacturers of ANCILLARY LABORATORY EQUIPMENT

Accessories, laboratory	BRY	"Sterolit" (deodergrade)	ABR, SPC
Activity measuring devices, rats	WAB	STOP "O" (R)	HAC
Adapters, pump	NAL	Behavioral assemblies, special analysis apparatus	FOR, LEH
Anesthesia box	FAA	equipment—demonstration boxes, food dispensers, recorders, programming equipment	LEH
Apparatus, animal neuro-physiological	PRO	research programming equipment (monkeys, cats, rats, pigeons)	DAV, LEH, MDC
animal operating (custom built)	PRO		GRA, LEH
Aquaria, fiber glass	KAH	Bins, feed	HOE
Assembly, food & water holder	LEN	feed, *s/s	LAC
Autoclaves	PER, WIE	Boards, operating (small & medium animal)	GES, HAV, PRO
Bactericides, equipment & area	WYA	operating (large animal)	GES
Balance accessories & parts	AIN	sanitary cage (KTS)	ATP
Balances, animal "Newweigh" & "Hi-Speed"	HEU	Boots, disposable plastic (Footgard)	PLA
analytical	AIN, EXA, SCK	Bottles	NAL
micro and semi-micro	AIN	Boxes, slide	MBP
pellet and assay	AIN	Buckets	NAL
recording	AIN, EXA, SCK	Cabinets, solvent storage	HAO, LAC
substitution weighing	AIN	s/s	PAR
vacuum & pressure recording	AIN	Cages, activity measuring (transistorized) w.General or Sedeco counters	WOC
Basins, washing and dipping, for dogs	GES	activity measuring w.print-out counter, measuring 3 cages at once	WOC
Baskets, wire washing machine	HAO	disposable	KEY
wire test tube	HAO, NAL	metabolism (mouse, rat, guinea pig, rabbit, poultry)	DEL, MBP, STA
Baths, temperature liquid test water	CAE	metabolism (dog, monkey)	CAV, MBP
Beakers	SCK	mobile	SCG
disposable	NAL	special purpose	HOE
Bedding, animal cage	MBP	transport	HOE, LAC
Bedding, "Lab-Litter" & "Cedar-Oma"	CHF	Cannulae	PHI
maple	SCH	Cans, air tight	HOE, NAL
"Pel-E-Cel" (deodergrade)	WOA	petri dish	HAO
Ponderosa pine	WOA	pipette	HAO
"San-I-Cel" (deodergrade & regular)	ABR, PAX	Carboys	NAL
"Sani-Chips", maple, sterilized	LAF		

Manufacturers of ANCILLARY LABORATORY EQUIPMENT—Continued

Carts, all purpose, for refuse and bedding	HOE, LAC	Control devices, cage washing solution strengths	WYA
galvanized s/s	HOE, LAC HAO, HOE, LAC, PAR, PRC	Covers, rodent boxes, steel or tin dipped	VOK
Case, Sheldon animal care	SHL	Crematory destructor, Silent Glow	SIL
Chairs, harnesses, restraints (primate)	FOR, LEH	Cylinder, s/s	SUB
rhesus monkey & accessories	FAA, LEH	Data, indicating, sorting, recording, reduction equipment	FOR, MDC
squirrel monkey, & accessories	FAA, LEH	Decalcifier, bone	EBE
Chambers, animal acoustical animal growth controlled environm.	INC HAR GES, HAR, INS, LEH	Decapitators	HAV
Chambers, hyperbaric, single or multiple, for mice through dogs and baboons metabolism (small animal), incl. restrainer cage	VAC	Deodorants	ECO, GOS
oxygen therapy	ATS	Deodorant, H&L ^(™) Spray Room	ALC
post-operative	GES	Deodorizers	DIV, OAP, WYA
shelling mechanically refrigerated	GES	Detergents, Alconox (for manual cleaning operations)	ALC
temperature	THM	Alcojet (for cage washers or mechanical washers, w.controlled foaming power)	ALC
Cleaner unit, "Haemo-Sonic" for cage, instrument, glassware	CAE, HAR MEI	dispensing & control equipm.	DIV, ECO
Cleaners, hand laboratory glassware ultrasonic, for surgical instruments, hypodermic needles, syringes, etc.	OAP DIV, OAP ULT, WIE	for manual cleaning	ECO, LIN, OAP
Cleaning equipment	OAP	for washing machines	ECO, LIN, OAP
Collars, shielding	GOS	germicides	ECO, LAF
Compounds, air conditioning maintenance	OAP	Disinfectant, Hytron injection equipment	KEY
chemical, for machine use	DIV, WYA	Dispensers, measure-matic	ECO, LAF
chemical manual cleaning cages	DIV, WYA	Distilling apparatus	NAL
derusting	OAP	Dollies, can	WIE
descaling	OAP	Door, oxygen, f.Shor Line cages	HOE
hand washing of equipment, SUD'N	SEP	Dryers, freeze, glass accessories	SCG
mechanical washing of equipment, LAB-GLO	SEP	freeze, mechanically refrigerated	THM
sanitizing	DIV, OAP	Electrocardiography, Dynamic	THM
Containers, feed storage food	WAB HOE, LAC, NAL	Electrodes, animal neurophysiol.	AVI
Containers, sawdust	HOE, LAC, NAL	Environmental accessories rooms (walk-in) test equipment	PRO
		Equipment, all types animal care & lab. research to specifications in s/s, galvanized & aluminum steel, laboratory	FOR HAR THE POS
			BRY

Manufacturers of ANCILLARY LABORATORY EQUIPMENT—Continued

Feeders, galvanized metal	LAC, WAB	Isolator/Lab ^(tm) -unit for controlled atmosphere & varied pathogenic environment	FIS
plastic	LEN	Kymograph and accessories	PHI
s/s	KEY, MIH	Labware, complete	NAL
Fence sections, prefab. for dog kennel runs	HOE, KEY, LAC, WAB	Lids, metal—for plastic cages	LEN
Filler, pipette, safety	FOF	Lights, operating & treatment	ETH, WIE
Floors, flat wire grill	NAL	Lining, cage—"Cage-Sorb"	LAI
neoprene composition	SCG	Marking devices, animal	WAB
resin composition	CRO	Mazes, for rats	WAB
Flowmeters (blood) electromagnetic squarewave, Metreflo	CRO	Metabolism unit	KEY
Fogging machine	AVI	Meters, pH	SCK
Funnels, disposable	GOS	Micromanipulators	PRO
all types—Nalgene ^(®)	MBP	Microscopes	COS, PER, SCK
Furnaces, precision laboratory	NAL	low-power stereoscopic	COS
Furniture, steel, laboratory	CAE	Nets, for catching primates	WAB
Gloves, disposable plastic	BRY, SCK	Oven, laboratory	PRC, SCK
disposable plastic—Handgards	PRC	Paneling, wire partitioning	FOF
Grills, s/s	PLA	Pans	LEN, NAL
Guillotine wall doors	SUB	metabolism	HOE, LAC
Heating unit, controlled	FOF	Pipettes	NAL
Holder, bottle	FAA	Pipettor	MBP, NAL
card	KEY	Plastic items, disposable	LIN
mouse	LEN	Program scheduling devices, automatic	FOR
vial	KEY	Pumps, animal blood	HAV
Housing unit, outdoor, dogs, cats	MBP	animal infusion	HAV, PHI
Humidifiers, and controls	MOR	artificial respiration (all size animals)	HAV, PHI
Identification bands, "Ident-a-band" tags and bands	WAD	filter and hand	NAL
Incinerators, all laboratory waste	HOL	Punches, ear	WAB
refuse	NAS	Racks, angle iron	HOE, LAC
Incubators	NAO	animal cage, s/s & galv.	ANQ, ATM, HOE, KEY, LAC, WAB
—germinators, automatic	PRC	bottle, f. washing & filling	LAC
alternating	SCK	rodent water bottles	LAC
walk-in	HAR	pan washing	HOE, LAC
Insecticides	HAR	portable cage	CAV
Instruments for indication and control of temperature, vacuum & liquid density	GOS, LAF	s/s	LAC, PAR
respiratory & pulmonary funct.	PRE	storage	HOE
surgical	SCK	test tube	NAL
Isolation enclosures	PER, SCG, SCK	wire washing machine	HAO
	FOR, GES, HOE, POS	Respirator, for animals during surgery	MID
		Restrainer cage, plastic (rats)	ATS
		rodent	GES
		Restraining apparatus (after cannulation of thoracic duct)	DOU
		Sawdust, mixed hardwoods, oak, white pine	GRO

Manufacturers of ANCILLARY LABORATORY EQUIPMENT—Continued

Sanitizer, liquid quaternary ammonia—KABON	SEP	operating (w. attachments for mouse, rat, hamster, guinea pig, rabbit, cat, dog, monkey)	BRK
Scales, animal weighing	EXA, TOR		
Screens, feces	LEN		
Shakers, laboratory	EBE	operating (small animals) and accessories	CAV, EBE, ETH, FAA, HAO, HAV, LAC, PER, SCK, SPB, WAB
Shavings, eastern white pine	BLA		
Shelves, s/s	PAR, WAB		
Shelving, galvanized steel	WAB		
Signs, cage "Line-O-Vision"	HOL		
Sinks, laboratory	KAH		
scrub, for animal cages	WAB	operating (animals 400 lbs. to 1 ton)	GAG
Snake hooks, wood or golf club handle	ZOO	s/s	PAR
disposable (small reptiles)	ZOO	Tanks, fiber glass	KAH
Snare handling device, small animal	ZOO	fish transport	KAH
		frog	POS
Solution control equipment	DIV	molded Nalgene	NAL
Solvents, urine & lime scale removers	ECO	s/s	SUB
Spraying equipment	LAF	Telemetry systems, biomedical (Metretel)	AVI
Stands	ATM, LEN	Test chambers, mouse, rat, pigeon, monkey	FOR
Sterilizers	POS, SCK, WIE	Thermometers, laboratory	PRE
cage (non-pressure)	WAB	Tissue homogenization, power unit for	EBE
Storage Equipment	ATM	Treadmills, animal (any size animal)	GAG
Study unit, small animal	EAM	Trucks, cage service	LAC
Subject consoles, instrument panels	FOR	Tubes	WAB
Supports, test tube & centrifuge tube	HAO, LAC	drinking	NAL
Syphons	NAL	Tubing	HOE
Syringes, gas tight microliter capacity	NUC	s/s	NAL
Tables	NUC	Valves, automatic, control drinking water (Harada)	SUB
autopsy	ATM, EBE, SPB	Waste absorbents, animal	HAN
examining	ATM, GES, LAC, SPB, WAB	Water dispensers, automatic & controlled	ABR, PAX
examining (wall mounted)	LAC, SCG	Waterer, automatic, "Little Giant" (self) for dogs, "Lixit"	ATC, HAN, KEY, WAB
examining, for dogs	SCG	Watering guns	MIH
operating (cardiovascular)	GES	Weights, individual	ATC
operating (hydraulic), adjustable "V" top	LAC	Wheels, exercise	ANQ
operating (hydraulic), flat top	SCG		AIN
			AIN
			KEY

* s/s is used as abbreviation for stainless steel

IV. Supplier and Manufacturer Address Codes

SUPPLIER AND MANUFACTURER CODES

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
ABR	Abrams Small Stock Breeders P.O. Box 6536 Chicago, Ill. 60608 (312) 842-7306	AMG	American Lincoln Incubator Co. P.O. Box 667 New Brunswick, N.J. (201) 545-3970
ACM	Acme Metal Products, Inc. 7757 So. Chicago Ave. Chicago 19, Ill. (312) 731-8080	AML	Amesbury Metal Products Company 30 Orchard St. Amesbury, Mass. 01913 (617) 388-0900
AGW	Agway, Inc. Broad Street Ext., Box 148 Waverly, N.Y. 14892 (607) 565-2815	AMO	Amon, Joseph, Inc. P.O. Box 168 Rahway, N.J. 07065 (201) 388-0230
AIN	Ainsworth, Wm., & Sons, Inc. 2151 Lawrence St. Denver 5, Colorado (303) 255-1723	AMS	Amsco Industrial Dynamics Div. of American Sterilizer Co. 2424 West 23rd St. Erie, Pa. 16506 (814) 456-2021
ALB	Albino Farms P.O. Box 331 Red Bank, N.J. (201) 747-3816	ANF	Animal Feeds Inc. 3255 Park Avenue Bronx 51, N.Y. (212) 293-7750
ALC	Alconox, Inc. 853 Broadway New York, N.Y. 10003 (212) 473-1300	*ANL	Animal Supply Company— AnSCO Laboratories 1735 Los Carneros Ave. Napa, Calif. (707) 226-9918
ALE	Allens Guinea Pig Farm 740 W. 44th St. San Angelo, Texas (915) 653-9818	ANM	Animatic Animal Care Products, Inc. P.O. Box 9355 Santurce, Puerto Rico 723-0124
ALL	Allied Mills, Inc. Lab. Animal Diets Div. 110 North Wacker Dr. Chicago, Ill. 60606 (312) 346-5060	ANQ	An Lab Equipment, Inc. 414 Black Oak Ridge Rd. Wayne, New Jersey (201) 694-0747
ALO	Aloe Scientific Div. of Brunswick 1831 Olive St. St. Louis 3, Mo. (314) 241-5700	ARM	Armstrong Metal Specialties, Inc. North Norwich, N.Y. 13814 (607) 334-2621
ALV	Alvey-Ferguson Co., The 3131 Disney St. Cincinnati, Ohio 45209 (513) 731-7000	ARO	Arrowhead Caviary 164 Creekview Battle Creek, Mich. 49017 (616) 962-3427
AMA	American Animal Industries 7720 North Michigan Rd. Indianapolis, Indiana (317) 291-3932	ARR	Arrows Rabbit Farm, The RFD 1, Box 143 North Garden, Va. 22959 (703) 296-1761
AME	American Laboratory Equipment Co. 1320 Ocean Ave. San Francisco, Calif. (415) 587-2500	ASI	Asiatic Animal Imports, Inc. P.O. Box 8125, International Airport San Francisco 28, Calif. (415) 697-3747

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
ATC	ATCO Manufacturing Company 1106 Hardman Avenue Napa 12, Calif. (707) 226-6716	BAT	Bark-Bridge Farms P.O. Box 42 Wenonah, N.J. (609) 857-3233
ATK	Atlantic Kennels, Inc. R.R. # 1, Box 167 Zionsville, Ind. 46077 873-2336	BAW	Bar-Wan Rabbitry & Kennels Rt. 1, Box 60 Crocker, Mo. 774-6645
ATM	Atlantic Metal Products, Inc. Medical Res. Equip. Div. 21 Fadem Rd. Springfield, N.J. (201) 379-6200	BAY	Bauer-Fischer, Inc. 12026 West Oakwood Rd. Franklin, Wisconsin 53130 425-3560
ATO	Atlas Canine Products, Inc. 79-36 Cooper Ave. Glendale, N.Y. 361-0613	BEA	Bea's Bunny Barn 756 Scenic Hwy. Baton Rouge, La. 70802 344-2438
ATP	Atlas Paper Company 77 Medford St. Somerville, Mass. 02143 (617) 776-2500	BEG	Beagles for Research, Inc. Green Hills Farm White Sulphur Springs, N.Y. Liberty, N.Y. 3680
ATS	Atomic Accessories, Inc. 811 West Merrick Rd. Valley Stream, N.Y. (516) 285-9300	*BEL	Bellaire Acres R.R. 3, Box 207 Danville, Indiana 745-2727
AVI	Avionics Research Products Corp. 6901 W. Imperial Hwy. Los Angeles, Calif. 90045 (213) 674-1334, Ext. 274	BER	Berkeley Pacific Laboratories 1101 Fifth St. Berkeley, Calif. 94710 (415) 527-1101
BAB	Babcock Poultry Farm, Inc. P.O. Box 286 Ithaca, N.Y. (607) 272-5990	BEY	Better Built Machinery Corp. 73 East 130th St. New York, N.Y. 10037 (212) 926-1144
BAK	Baker Company, Inc., The 106 Granite St. Biddeford, Maine (207) 284-5951	BEZ	Bezanson's Hamstery 5437 El Monte Ave. Temple City, Cal. 91780 444-4877
BAL	Baltimore Laboratories, Inc. 1500 Guilford Ave. Baltimore, Md. 21202 (301) 837-6650	BIC	Bickley's Bunnyland 1019 Perry St. Sandusky, Ohio (419) 625-8833
BAN	Banta, Stuart E. South Pawlings St. Hagaman, N.Y. 12086 (518) 843-1827	BIO	Bio-Research Consultants 9 Commercial Ave. Cambridge 41, Mass. 864-8735
BAR	Bar "F" Rabbitry Box 352, Silver Spring Rd. Perry Hall, Md. (301) 668-0695	BLA	Black Brook Products Inc. P.O. Box 45 Lakeport, N.H. (603) 293-7707
		BLN	Blaine's Hamster Ranch Ethel, Miss. (601) 674-5508

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
BLU	Blue Spruce Farms, Inc. Gardner Rd. Altamont, N.Y. (518) 861-8841	CAE	Calatrol Electronics, Inc. 3492 Pickett St. San Diego 10, Calif.
BOM	Bombara's Laboratory Animals Lincoln Ave. East Vineland, N.J.	CAL	California Caviary 10824 So. Prairie Ave. Inglewood 2, Calif. (213) 678-3264
BOR	Borden's Feed Supplements Div. 350 Madison Ave. New York 17, N.Y. 10017 (212) 687-4100, Ext. 680	CAM	Cambosco Scientific Company 342 Western Ave. Boston, Mass. 02135 (617) 782-7830
BRK	Brookline Surgical Specialties 50 Harris St. Brookline 46, Mass.	CAR	Camm Research Institute, Inc. 414 Black Oak Ridge Rd. Wayne, N.J. (201) 694-0703
BRO	Brookmour Laboratory Animals 29 West Street Medway, Mass. 533-8992	*CAS	Canadian Breeding Laboratories St. Constant Laprairie, Quebec, Canada (514) 632-3281
BRW	Brown, Fritz Rt. 1, Box 67 Germantown, Md. 20767 (301) 926-2578	CAT	Canouse, Jack F. 433 E. 6th St. Berwick, Pa. (717) 759-8405
BRY	Browne-Morse Company 110 East Broadway Muskegon, Mich. (616) 733-1221	CAU	Carolina Biological Supply Company Burlington, N.C. (919) 584-8801
BUC	Buck, Warren E. 139 Westminster Ave. Box 43, Marlton, N.J. 08053 (609) 983-0873	CAV	Carr Corporation 1101 Colorado Ave. Santa Monica, Calif. (213) 870-9237
BUF	Buckeye Farms 3269 Clark Mill Rd. Barberton, Ohio (216) 745-6780	*CAW	Carworth, Inc. 216 Congers Road New City, New York (914) 634-4666
BUN	Bunnvale Rabbitry Box 128, R.D. Califon, N.J. 07830 832-2337	CEN	Central Scientific Company 1700 Irving Park Rd. Chicago, Ill. 60613 (312) 935-8600
BUR	Bunnyrun 360 So. Third Ave. La Puente, Calif. 91746 (213) 336-2287	*CHA	Charles River Breeding Laboratories, Inc., The 251 Ballardvale St. North Wilmington, Mass. 01888 (617) 658-3333
BUS	Bussey Products Co. 2750 W. 35th St. Chicago, Ill. 60632 (312) 847-5035	CHB	Charleston Rubber Company Scientific Div. Stark Industrial Park Charleston, S.C. (803) 744-7434
CAC	CAFCO Research Primates 39 Cortlandt St. New York 7, N.Y. (212) 269-8900	CHC	Chase, Charles P. "Bill" 136 N.W. 57th Ave. Miami, Fla. 33126 (305) 661-9771

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
CHE	Cherry Hill Farms, Inc. P.O. Box 181 Camden 1, N.J. (609) 854-6993	COO	Cook, Jay E., Importer Ashland Rd. Cockeysville, Md. (301) 666-1066
CHF	Chesapeake Feed Co., Inc. P.O. Box 23 Beltsville, Md. (301) 776-7907	COS	Cooke Troughton and Simms, Inc. 91 Waite St. Malden, Mass. 02148 (617) 324-6666
CHI	Chick Line East Garden Rd. Vineland, N.J. (609) 692-4719	COY	Cornell Dog Farm 37 Sapsucker Woods Rd. Ithaca, N.Y. (607) 275-3040
CIR	Circle W. Rabbitry Underhill, Vt. 899-4438	CRE	Crest Ultrasonics Corp. Scotch Rd., Mercer Co. Airport Trenton 8, N.J. 08628 (609) 883-4000
CKR	Clark's Rabbitry Route 1, Box 121 Scotland Neck, N.C. 826-6001	CRO	Crossfield Products Corporation 140 Valley Rd. Roselle Park, N.J. (201) 245-2800
CLA	Clauss, George Fairlawn, N.J. (201) 796-0115	*CUM	Cumberland View Farms Route 3 Clinton, Tenn. 457-9414
CLO	Clovelly Farm 5539 Beaver Crest Dr. Lorain, Ohio (216) 282-6043	CUR	Curd's Caviary & Animal Supply 787 So. 4th Ave. La Puente, Calif. 91746 (213) 333-8970
COA	Coatoam, Thomas 213 South St. Wattsburg, Pa. 739-2773	CZE	Czepiel, John S. 26 Paderewski Ave. Chicopee, Mass.
COB	Cobb's Pedigreed Chicks, Inc. Concord, Mass. (617) 486-3535	DAN	Danskin, E. F. 345 No. 28th St. Lincoln, Nebr. 68503 (402) 432-4086
COC	Cockleys Rabbit & Cavie Farm Texaco Dr., R. 5 Mechanicsburg, Pa. 17055 (717) 766-4572	DAV	Davis Scientific Instruments 12137 Cantura St. Studio City, Calif. 91604 (213) 763-3987
COE	Colonial Acres Monett, Mo. (417) 235-5860	DEE	Deep Run Packing Co., Inc. Box 27, Dublin, Pa. (215) 249-3543
COG	Connecticut Valley Biological Supply Co. Valley Road Southampton, Mass. (413) 527-4030	DEL	Delmar Scientific Laboratories 317 Madison St. Maywood, Ill (213) 345-0580
CON	Consolidated Molded Products Corporation Warner St. & Greenwood Ave. Scranton, Pa. (717) 346-6521	DEN	Dennen Animal Industries 405 Essex Ave. Gloucester, Mass. (617) 283-1428

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
DIA	Diablo Laboratories, Inc. 806 Hearst Ave. Berkeley 10, Calif. (415) 848-7760	EIC	Eich's Rabbitry Box 72, Templeton, Iowa 361
DIE	Dierolf Farms, Inc. P.O. Box 26, Boyertown, Pa. (215) 367-2981	ELM	Elm Hill Farm 71 Elm St. South Chelmsford, Mass. 256-2322
DIS	Disposable Laboratory Cages, Inc. 15th & Bloomingdale Aves. Melrose Park, Ill. 60160 (312) 345-7400	ENG	Engle's Hamstery 2609 South 11½ St. Terre Haute, Ind. 47802 Lincoln 3451
DIV	Diversey Corporation, The 212 W. Monroe St. Chicago, Ill. 60606 (312) 782-0800	ESH	Eshelman, John W., & Sons 244 N. Queen St. Lancaster, Pa. (717) 397-6262
DOG	Dogs for Research 4996 So. Redwood Rd. Murray, Utah 84107 266-4494	ETH	Ethical Veterinary Supply Co. 34-28 31st St. Long Island City, N. Y. 361-0500
DOU	Doubarn Sheet Metal, Inc. 8631 Avalon Blvd. Los Angeles, Calif. 90003 (213) 758-1184	EXA	Exact Weight Scale Company, The 538 East Town St. Columbus 15, Ohio (614) 224-6187
DRU	Drug Detection & Development Organisation, Incorporated 5557 Dorsey Lane Washington, D.C. 20016 (301) 654-9220	FAA	F & H Machine Co., Inc. 492 Grand Blvd. Westbury, L.I., N.Y. (516) 334-4080
DUB	Dublin Laboratory Animals, Inc. Box 846 Dublin, Va. 24084 (703) 674-5113	FAB	FAB Breeding Laboratories P.O. Box 42, Red Hook Sta. Brooklyn, N.Y. 11231 (212) 855-2049
EAM	E & M Instrument Co., Inc. P.O. Box 14013 Houston, Texas 77021 (713) 747-7813	FAR	Farm & Wildlife Products, Inc. P.O. Box 1481, Downtown Sta. Omaha, Nebr. 68101 (402) 345-6625
EBE	Eberbach Corporation P.O. Box 1024 Ann Arbor, Mich. 48106 (313) 665-8877	FEN	Fenco Cage Products 213 Camden St. Boston, Mass. 02118 (617) 267-5255
ECO	Economics Laboratory, Inc. 250 Park Ave. New York City, N.Y. 10017 (212) 986-7530	FIB	Fiberplex Box 14 Norwalk, Calif. 699-0890
EDG	Edgewood Breeding Farm 157 Edgewood Ave. Colonia, N.J. (201) 388-3469	FIF	Fisher, W. F., & Son, Inc. Box 465 Bound Brook, N.J. (201) 356-2060
EDM	Edmondson, Frank R.R. 2 Washington, Ind. 254-2420	FIS	Fisher Scientific Company 711 Forbes Ave. Pittsburgh, Pa. 15219 (412) 391-1330

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
FLA	Flanders Research Farms R.F.D. #1 Sharon Springs, N.Y. (518) 284-2633	GEL	General Biological Supply House, Inc. 8200 South Hoyne Ave. Chicago 20, Ill. (312) 488-4100
FLI	Flinn, Peter J. 160 Ontario St. Albany 6, N.Y. (518) 465-2518	GEN	General Mills, Inc. Pet Food Nutrition Laboratory P.O. Box 278 Indianola, Iowa 50125 (515) 247-2555
FOF	Ford Fence Co., Inc. 6542 Westfield Blvd. Indianapolis, Ind. (317) 255-5427	GER	Gerber's Mousery Cedar Lane Gray Summit, Mo. 742-4349
FOR	Foringer & Co., Inc. 312 Maple Dr. Rockville, Md. 20850 (301) 424-5300	GES	GERMFREE Laboratories, Inc., The Equipment Manufacturing Div. 5644 N.W. 7th St. Miami, Fla. 33126 (305) 661-7941
FOS	Forma Scientific, Inc. Box 649, Marietta, Ohio (614) 373-4763	GIR	Girton Manufacturing Company Millville, Pa. 17846 (717) 458-2211
FRE	French, R. T., Company, The 1 Mustard St. Rochester, N.Y. 14609 (716) 482-8000	GOF	Gofmoor Farm Fisher St., Box 374 Westboro, Mass. (617) 366-2449
FUL	Fuller, D. William, Company 2320 East 75th St. Chicago, Ill. 60649 (312) 721-4100	GOR	Gordon's Biological Supply Co. P.O. Box 684 Red Bank, N.J. (201) 741-8088
GAF	G F Supply Division of Standard Safety Equipment Co. 431 North Quentin Rd. Palatine, Ill. 60067 (312) 359-1400	GOS	Goshen Laboratories, Inc. 36 St. John St. Goshen, N.Y. 10924 (914) 294-6114
GAG	Gagne, A. F., Associates 50 Wall St. Binghamton, N.Y. (607) 723-7519	GRA	Grason-Stadler Company, Inc. 15 Winthrop St. West Concord, Mass. 01781 (617) 369-3787
GAT	Gators of Miami, Inc. Box 7241 Miami 55, Fla. (305) 235-5075	GRE	Greenacres Laboratory 49 Ten Mile Rd. Amelia, Ohio 45102 753-5232
GEI	Geissen, Fred 6048 Delafield Ave. New York 71, N.Y. (212) 549-9383	GRI	Griggs Small Animal Farm 296 So. 31st St. San Jose, Calif. (408) 258-0536
GEK	General Biochemicals, Div. of North American Mogul Products Co. Laboratory Park Chagrin Falls, Ohio (216) 247-4300	GRO	Groundwood Products Company Box 15125 Lockland Sta. Cincinnati 15, Ohio (513) 761-1701

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
HAB	Hall Bros. Hatchery, Inc. 200 Cook Hill Rd. Wallingford, Conn. (203) 269-4447	HAZ	Hazen, J. M., & Co. Alburg, Vt. 796-3323
HAC	Hall, C. P., Company of Illinois, The 5245 W. 73rd St. Chicago, Ill. 60638 (312) 767-4600	HEA	Heart of Maryland Animal Farm Rt. 3, Frederick, Md. (301) 898-9874
HAF	Hamilton Manufacturing Company Two Rivers, Wisconsin (414) 793-1121	HEI	Heinicke Instruments Co. 2035 Harding St. Hollywood, Fla. 33020 (305) 925-0558
HAH	Hamster Hill Colonies 510 Hahn St. Audubon, Iowa	HEL	Hel 'C' Bob Rabbitry P.O. Box 158 West Covina, Calif. (213) 962-2957
HAM	Hamster House, The 2315 N. Beach St. Ft. Worth, Texas 76111 (817) 838-8582	HEN	Henry Rabbit Farm 49 Auburn St. Saugus, Mass. 01906 (617) 233-5258
HAN	Hardco Scientific Corp. 6811 Grace Ave. Cincinnati, Ohio 45227 (513) 271-3200	HEU	Heusser Instrument Company 121 W. Malvern Ave. Salt Lake City, Utah (801) 485-1601
HAO	Harford Metal Products, Inc. Box R, Aberdeen, Md. (301) 272-3400	HIC	Hickok, Raymond 287 N. Washington Delaware, Ohio 362-7771
*HAP	Harlan Industries, Inc. P.O. Box 29176 Cumberland, Ind. 46229 894-7521	HID	Hill Packing Company Professional Products Div. Box 148 Topeka, Kansas 66601 (913) 354-8523
HAQ	Harpaul Research Farms P.O. Box 81 Franklin Park, N.J. 297-1352	HIF	Hilldale Farms Box 728, Dutch Mill Rd. Franklinville, N.J. (609) 691-7286
HAR	Harrington Enterprises, Inc. 347½ West 5th Ave. Eugene, Oregon 97401 (503) 344-4012	HIL	Hilltop Caviary P.O. Box 195 Scottdale, Pa. 15683 (412) 887-8480
HAS	Harris Hill Kennels R.D. #1, Elmira, N.Y. (607) 739-4242	HNA	Hnath, William J. R.D. #2, Box 158 Pottstown, Pa. 19464 (215) 326-5918
HAT	Hartelust-Thorsen and Company Monmouth County Airport P.O. Box 488, Belmar, N.J. (201) 775-5116	HOB	Hobart Manufacturing Company, The 2830 Bladensburg Rd., N.E. Washington, D.C. 20018 (202) 529-4100
HAU	Hartford's Bunnyland 11190 Leeke Rd., Rt. 2 Grass Lake, Mich. Stockbridge 851-4153	HOC	Hockman, Larry O. Maurertown, Va. (703) 436-3129
HAV	Harvard Apparatus Co., Inc. Dover, Mass. (617) 785-0700		

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
HOE	Hoeltge, Incorporated 5242 Crookshank Rd. Cincinnati 38, Ohio (513) 922-4300	INC	Industrial Acoustics Company, Inc. 380 Southern Blvd. Bronx, N.Y. 10454 (212) 292-0180
HOF	Hoffman, E. G., & Son. P.O. Box 815 Oshkosh, Wis. 54902 (414) 231-8720	IND	Industrial Washing Machine Corp. 32 Main St. Matawan, N.J. (201) 566-4660
HOL	Hollister Incorporated 833 North Orleans Street Chicago, Ill. 60610 (312) 337-4000	INS	Instrumentation Specialties Co., Inc. 5624 Seward Ave. Lincoln, Nebr. 68507 (402) 434-4986
HOP	Hollywood Plastics, Inc. 4560 Worth St. Los Angeles, Calif. 90063 (213) 268-1181	INT	International Animal Exchange, Inc. 22041 Woodward Ave. Ferndale 20, Mich. 545-3348
HOT	Holtzman Co. 421 Holtzman Rd. Madison, Wis. 53713 (608) 256-5573	IRM	I.R.M.A.S. Commercial Rabbit Culture 269 Burton St. Asheville, N.C. (704) 253-4769
HOW	Holzwarth, George J. E., Company P.O. Box 186 Fayetteville, Ark. (501) 442-4535	ISA	Isaacs' Rabbitry 202 N. Welch St. Hillsboro, Ill. 62049 532-2785
HOY	Horton's Rabbitry, Inc. 20151 Thompson Rd. Los Gatos, Calif. 95030 (408) 354-1150	JAA	J. & J. Sheet Metal Company 23836 Hoover Rd. Warren, Mich. 757-3339
HUB	Hubbard Farms, Inc. Walpole, N.H. 03608 756-3311 Lancaster, Pa. (717) 392-2154 Statesville, N.C. (704) 872-2751	JAX	Jackson Laboratory, The Box 258 Bar Harbor, Maine (207) 288-3373
HUL	Huldah's Caviary Rt. 2, Box 105 Bridgewater, S.D. 57319 (605) 729-2370	JEJ	Jarvis, Earle J. Box 147, Alburg, Vt. 796-3523
HUN	Huntingdon Farms, Inc. 1910 W. Atlantic St. Philadelphia, Pa. 19140 (215) 223-3923	JEN	Jensen, Frederick A. R.R. 1, Box 139 Elgin, Ill. (312) 837-1937
IFT	Indian Fauna Traders 32 Alipur Rd. Delhi 6, India 220576	JOH	John and LaRue's Caviary 121 Regwood Rd. Hydes, Md. 21082 592-9583
INA	Indiana Research Animal Company Rt. 2, Carmel, Indiana 873-2317	JOS	Josamar Laboratory Animals P.O. Box 45452 Houston, Texas 77045 (713) 433-4101
		KAF	K-G Farms, Inc. 3651 Hill Rd. Parsippany, N.J. (201) 334-6104

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
KAH	Kahl Scientific Instrument Corp. 737 W. Main, P.O. Box 1166 El Cajon, Calif. (714) 444-5944	LAC	Lab-Crafts, Inc. 11 DeHart St. Morristown, N.J. (201) 538-1715
KAL	Kalme's Small Animal Farm R.D. 2, Box 422 Altamont, N.Y. 12009 765-2240	LAD	Laboratory Animals—A. W. Sterrett 2224 Savoy Ave. Akron, Ohio 44305 (216) 733-1758
KEA	Keating, William E. 4028 W. Chester Pike Newtown Square, Pa. 356-8975	LAE	Laboratory Animals Corporation 424 Cottage Place Plainfield, N.J. 07060 (201) 756-3223
KEI	Keith, Morris B. 574 Prospect St. West Boylston, Mass. 01583 (617) 752-7035	LAF	Laboratory Essentials, Inc. 180 Higbie Lane West Islip, L.I., N.Y. (516) 669-4668
KEM	Kempf's Cavy Farm Rt. 3, Shelby, Ohio 687-6489	*LAG	Laboratory Supply Company 5010 Mooresville Rd. Indianapolis, Ind. 46241 (317) 856-5762
KEW	Kewaunee Scientific Equipment Company End South Center St. Adrian, Mich. (313) 265-7131	LAH	Lake Champlain Frog Farms Alburg, Vt. 05440 (802) 796-3472
KEY	Keystone Plastics Company 701 Painter St. Media, Pa. (215) 566-1120	LAI	Lakeside-General Paper Company 714 Williamson St. Madison, Wis. 53701 (608) 255-2941
KIN	King, Jerald 2805 Littell St. Des Moines, Iowa 50321 (515) 285-3205	*LAK	Lakeview Hamster Colony P.O. Box 85 Newfield, N.J. 08344 (609) 691-2786
KIP	Kinwood Farm, Incorporated 5890 Pierson Road Fayetteville, N.Y. 13066	LAP	Lappeus, John Les-Lie, Cavy Farm 39 W. Ivy Lane Englewood, N.J. 07632 (201) 568-2213
KIR	Kirschner Mfg. Co. Rt. 2, Box 160 Vashon, Wash. (206) 463-3331	LAR	Larmore Hamstery 407 Blaine St. Knightstown, Ind. 565-5371
KRA	Kraft Foods—Agricultural Div. 500 Peshtigo Court Chicago 90, Ill. (312) 222-4600	LAS	Larry's and Paul's 4 Brae St., Providence, R.I. (401) 231-8576
LAA	Lab Associates, Inc. 13640 - 132nd Ave. N.E. Kirkland, Wash. (206) 822-5518	LAT	Latham, Marte c/o Bob Perilla Associates 745 5th Ave. New York, N.Y. (212) 688-4141
LAB	Lab Cages, Inc. P.O. Box 176 Kennett Square, Pa. (215) 268-8156	LEH	Lehigh Valley Electronics, Inc. Box 125, Fogelsville, Pa. (215) 285-4211

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
LEM	Lemberger Co., The 1222 W. South Park Ave. Oshkosh, Wis. (414) 231-8410	MAS	Marshall, Gilman, Ferret and Beagle Ranch North Rose, N.Y. (315) 587-2295
LEN	Lenderking Metal Products, Inc. 1000 S. Linwood Ave. Baltimore, Md. 21224 (301) 276-2237	*MBR	Maryland Breeders for Research 4343 Burtonsville-Laurel Rd. Burtonsville, Md. (301) 384-7070
LIG	Lightner Enterprises P.O. Box 215 Thompsontown, Pa. 17094 (717) 535-2666	MBP	Maryland Plastics, Inc. Econo-Lab Division 9 East 37th St. New York, N. Y. 10016 (212) 686-5681
LIN	Linbro Chemical Co., Inc. 618 Dixwell Ave. New Haven, Conn. (203) 865-0107	MDC	Massey Dickinson Company, Inc. 9 Elm St. Saxonville, Mass. (617) 877-2511
LOK	Locke, Otto Martin P.O. Drawer 731 New Braunfels, Texas 625-4523	MDM	Matthews Research, Inc. 4306 Wheeler Ave. Alexandria, Va. (703) 548-1600
LOM	Lone Maple Rabbit Farms 643 Border City Rd. Geneva, N.Y. (315) 789-5242	MDR	Mautner, Arthur R.D. 2, Montgomery, N.Y. 457-3114
LOR	Lorenz, Friedel H. 7202 Akron-Peninsula Rd. Peninsula, Ohio 44264 653-8009	MDX	Maxfield Animal Supply P.O. Box 44004 Cincinnati, Ohio 45244 (513) 561-9100
LUN	Lu-Nor Farms, Inc. 5355 S. 9th St. Kalamazoo, Mich. (616) 349-5858	MEI	Meinecke & Co., Inc. P.O. Box 6882 Baltimore, Md. 21204 (301) 666-2740
MAC	Mackesey Farms 6806 Mangrove Lane Madison, Wis. 53713	MEL	Metalframe Company 87 Route 17, Maywood, N.J. 343-2900
MAG	Magyar's Hamster Farm R.D. 2, Grafton, Ohio 926-5618	MEM	Metalwash Machinery Corporation 901 North Ave. Elizabeth, N.J. (201) 352-6876
MAL	Manor Farms, Inc. Staatsburg, N.Y. 889-3278	MIC	Microbiological Associates, Inc. Walkersville, Md. (301) 845-2311
MAN	Manostat Corporation 20 N. Moore St. New York, N.Y. 10013 (212) 966-1190	MID	Micro-Fine Instruments Box 11 Campbell, Calif. 95008 378-4360
MAP	Maple Grove Rabbitry 1803 West Phelps St. Springfield, Mo. 65802 (417) 869-9355	MIE	Midwest Animal Colonies P.O. Box 263 Corning, Iowa 50841 (515) 322-3314
MAR	Marland Breeding Farms, Inc. P.O. Box 75, Wayne, N.J. (201) 694-5569		

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
MIF	Miller, Russell, Farms R.D. 3, Cazenovia, N.Y. (315) 655-3023	NAT	National Biological Laboratories, Inc. P.O. Box 511 Vienna, Va. (703) 385-5900
MIH	Miller Manufacturing Co. 243 W. Kellogg Blvd. St. Paul, Minn. 55102 (612) 222-6393	*NAU	National Laboratory Animal Co. P.O. Box 93 Creve Coeur, Mo. 63141 (314) 872-3377
*MIL	Millerton Research Farm, Inc. Rudd Pond Road Millerton, N.Y. (914) 789-4644	NEW	New Springville Laboratory Animals 300 Robinson Ave. Staten Island 12, N.Y. (212) 984-8619
MIS	Mills, A. M. R.F.D. 1 Colebrook, N.H. Colebrook 59, ring 2	NOB	Northern Biological Supply Box 222 New Richmond, Wis. 246-4956
MIV	Mills, Virginia G. 4309 Evergreen Lane Annandale, Va. (703) 256-0964	NOR	Northwest Rodent Co. Rt. 2, Box 113 Pullman, Wash. (509) 568-5143
MON	Monmouth Research Farm 65 Hurley's Lane Lincroft, N.J. 747-3158	NOW	Norwich Wire Works, Inc. Norwich, N.Y. 13815 (607) 334-3034
MOR	Morris Research Laboratories, Inc. 4000 Meriden Rd. Topeka, Kansas (913) 233-7451	NUC	Nuclear Supply & Service Co. 422 Washington Bldg. Washington 5, D.C. (202) 783-3480
MOS	Morrison's Small Stock Farm Box 295, Hiram, Ohio 274-2697	NUM	Nutrena Mills Cargill Bldg. Minneapolis, Minn. 55402 (612) 330-7009
MOY	Morse Company, The Emory Box 313 Guilford, Conn. 06437 453-2757	NUT	Nutritional Biochemicals Corp. 21010 Miles Ave. Cleveland, Ohio 44128 (216) 662-0212
MYE	Myers, Harry E. R.D. 6, York, Pa. 842-5244	NUW	Nutrition Associates, Inc. 247 Pillmore Dr. Rome, N.Y. (315) 337-8165
NAL	Nalge Co., Inc., The 75 Panorama Creek Dr. Rochester, N.Y. 14625 (716) 586-8800	OAP	Oakite Products, Inc. 90 Rector St. New York, N.Y. 10006 (212) 943-0940
NAO	Nash, Cadmus & Voelker, Inc. 612 Meadow Brook Bank Bldg. Freeport, N.Y. 11520 (516) 868-1111	OAR	Oakland Rabbitry Mineral Hill Rd., Box 209 Sykesville, Md. (301) 787-2250
NAS	National Band and Tag Company 721 York St., Newport, Ky. 261-2035		

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
OBR	O'Brien, Marvin Rt. 3, Syene Road Madison, Wis. (608) 255-1425	PER	Perkins, Samuel, Company P.O. Box 302 Brookline, Mass. (617) 734-7150
OGR	O'Grady, Flora, Laboratory 2336 Gunther Ave. New York, N.Y. 10469 (212) 652-7777	PET	Pet Corral, The 4146 Oracle Rd. Tucson, Ariz. 85705 (602) 622-0050
OLD	Old Dominion Cavy Farm Rt. 2, Waynesboro, Va. (703) 943-9757	PEW	Pet Farm, The 3310 N.W. South River Dr. Miami, Fla. 33142 (305) 633-6919
OLM	Old Mother Hubbard Dog Food Co., Inc. 40 Prospect St. Gloucester, Mass. (617) 283-0944	PEX	Pets Acres R.D., Hampton, N.J. (201) 638-6476
OLO	Olson, Con, Co., Inc. R.R. 3, Syene Rd. Madison, Wis. 53711 (608) 257-3354	PHA	Pharma Laboratory Breeders R.D. #2, Sussex, N.J. 759-2112
OSC	Oskoela Cavies 2522 Beaumont Ave. Kissimmee, Fla. 847-3409	PHI	Phipps & Bird, Inc. 303 S. Sixth St. Richmond, Va. 23205 (703) 644-5401
OXN	Oxon Hill Rabbitry 5410 Wheeler Rd. Oxon Hill, Md. 20021 (301) 567-8798	*PIE	Pied Piper Farms, Inc. 1601 Barksdale Rd. Newark, Del. 19711 (302) 368-2452
PAB	Pacific Bio-Marine Supply Co. P.O. Box 285 Venice, Calif. (213) 391-8307	PIR	Pine Ridge Caviary Rt. 4, Box 553 Clinton, Tenn. 457-0847
PAC	Pacord Research, Inc. Box 353, Beaverton, Ore. (503) 644-0337	PIY	Pioneer Rubber Company, The Willard, Ohio (419) 933-2211
PAL	Palmetto Pigeon Plant P.O. Box 1550 Sumter, S.C. (803) 775-1204	PLA	Plasticsmith, Inc. P.O. Box 1071 Pittsburg, Calif. (415) 757-5660
PAR	Partsko Inc., Labco Division 2977 Lamb Ave. Columbus, Ohio 43219 (614) 471-4040	POC	Pocono Rabbit Farm & Laboratory Dutch Hill Rd. Canadensis, Pa. 18325 (717) 595-7108
PAT	Patti Plastics, Inc. 250 Goffle Rd. Hawthorne, N.J. 07506 (201) 427-7500	POP	Pope, William A., Jr. R.F.D. 4, Box 298 Mechanicsville, Va. 23111 (703) 746-8394
PAX	Paxton Processing Co., Inc. 107 West State St. Paxton, Ill. 60957 Paxton, Ill. 222	POS	Porter-Mathews Company U.S. Route #1 Princeton, N.J. (609) 921-2550

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
PRA	Pratt Laboratories 1739 South 54th St. Philadelphia, Pa. 19143 (215) 727-7610	REI	Reid's Hamstery P.O. Box 1151 Avon Park, Fla.
PRC	Precision Equipment Co. 4405A N. Ravenswood Ave. Chicago, Ill. 60640 (312) 728-1065	REP	Reptile Aquatic Supply Co., Inc. 75 Route 208 Wyckoff, N.J. 07481 (201) 445-3333
PRE	Precision Thermometer & Instrument Co. Southampton Industrial Park Southampton, Pa. 18966 (215) 355-1500	RES	Research Animals, Inc. 3401 Fifth Ave. Pittsburgh, Pa. 15213 (412) 681-4156
PRI	Price-Wilhoite Co., The P.O. Box 430 Frederick, Md. (301) 662-2134	RET	Research Animals & Technical Service 1524 Washington Ave. Philadelphia, Pa. (215) 224-5478
PRM	Primate Imports Corporation P.O. Box 186 Malverne, L.I., N.Y. (516) 767-7945	REY	Reyniers & Son 3806 N. Ashland Ave. Chicago, Ill. 60613 (312) 472-0015
PRO	Process & Instruments Corporation 15 Stone Ave. Brooklyn 33, N.Y. (212) 452-8380	REZ	Reynolds Guinea Pig Ranch Rt. 2, Box 234 Battle Creek, Mich. (616) 965-5093
QUA	Quaker Oats Co., The Merchandise Mart Plaza Chicago, Ill. 60654 (312) 527-0600	RID	Rider Animal Co. Box 229, Warrenton, Va. (703) 347-1635
RAL	Ralston Purina Company 835 So. 8th St. St. Louis, Mo. 63199 (314) 241-3600	ROB	Rockbridge Kennels Rockbridge, Mo. 65741 679-3748
RAM	Ramco Equipment Corporation 40 Montgomery St. Hillside, N.J. (201) 687-6700	ROC	Rockland Farms, Inc. Box 27, Rockland County New City, N.Y. (914) 634-4682
RAN	Ransohoff Co. 5th St. at Ford Blvd. Hamilton, Ohio (513) 893-5813	ROK	Rockwell-Bellows (Div. Animal Feeds, Inc.) 3255 Park Ave. Bronx 51, N.Y. (212) 293-7750
*RAW	Rawley Farms 45805 W. Ann Arbor Rd. Plymouth, Mich. (313) 453-4780	ROR	Rolfsmeyer, Dan, Co. R. #3, Syene Rd. Madison, Wis. 53713 (608) 256-6149
RED	Redwood Game Farm 2400 So. Redwood Rd. Salt Lake City, Utah 84119 (801) 484-6940	ROW	Rowmar Rabbitry, Inc. Bentley Rd. Sandy Spring, Md. 20860 (301) 774-4671
		*ROY	Royalhart Laboratory Animals New Hampton, N.Y. (914) 374-3281

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
RUG	Rugged Plastics Company 110 E. 42nd St. New York, N.Y. 10017 (212) 697-3568	SHA	Shamrock Farms, Inc. R.D. #2 Middletown, N.Y. 10940 (914) 342-3961
SAK	S & K Animals Co. R.D. 2, Box 479A Jamesburg, N.J. (201) 521-1319W	SHG	Shaw, George F., Inc. 218 North Walnut St. West Chester, Pa. 19380 (215) 696-0505
SAN	Sani-Cage Manufacturing Co. 6815 S. Stony Island Ave. Chicago 49, Ill. (312) 667-5600	SHL	Sheldon, E. H., Equipment Company 716 Nims St. Muskegon, Mich. (616) 766-5271
SAU	Saunders, Richard E., Corp., The 1 Belt Blvd. Richmond, Va. (703) 233-5903	SHO	Short's Caviary R.D. 3, Box 364 Blairsville, Pa. (412) 459-7267
SCE	Schettle, J. R., Frog Farm, Inc. P.O. Box 184 Stillwater, Minn. 55082 (715) 549-6495	SIL	Silent Glow Corporation, The 835 Windsor St. Hartford 1, Conn.
*SCF	Schmidt, A. R., Co., Inc. 2826 Latham Drive Madison 13, Wis. (608) 257-2814	*SIM	Simonsen Laboratories, Inc. Rt. 1, Box 129, Day Road Gilroy, Calif. 842-2169
SCG	Schroer Mfg. Co. 2221 Campbell Kansas City, Mo. (816) 471-0488	*SIN	Simonsen Laboratories, Inc. 5228 Centerville Road St. Paul, Minn. 55110 (612) 429-7728
SCH	Schweitzer, Peter J., Division Kimberly-Clark Corporation Windom, Minn. 831-3444	SMA	Small Stock Industries 318 E. 9th St., P.O. Box 10 Lamoni, Iowa (515) 784-6485
SCJ	Scientific Animal Resource Center P.O. Box 223 Leesburg, Ohio 45135 780-4553	SMI	Smith, W. C. Bill—Naturalist P.O. Box 1662 Ocala, Fla. (305) 622-8875
SCK	Scientific Products Division American Hosp. Supply Corp. 1210 Leon Place Evanston, Ill. (312) 869-0900	SNL	Snyder Laboratory P.O. Box 464 New Philadelphia, Ohio 20151
SCL	Scientific Small Animal Laboratory & Farm, Inc. 401 W. Golf Rd. Arlington Heights, Ill. (815) 437-4738	SNM	Snyder Mfg. Co. 5500 East Pacific Place Denver, Colo. 80222 (303) 756-1932
SEP	Sep-Ko Chemicals, Inc. 3801 Fifth St. N.E. Minneapolis 21, Minn. (612) 788-8663	SOU	Southern Cross Manufacturing Corporation P.O. Box 332 Chambersburg, Pa. (717) 264-7158
		SOW	Southern Rabbit Corporation P.O. Box 114 Marietta, Ga. 30061 (404) 428-5774

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
SPA	SPAFAS, Inc. R.F.D. 3 Norwich, Conn. (203) 889-1389	SUN	Sunnyside Hatchery 215 West Netherwood St. Oregon, Wis. (608) 835-3171
SPB	Specialty Equipment Co. P.O. Box 4182, N. Sta. Winston-Salem, N.C. (919) 725-3586	SUO	Sunrise Mousery & Cavies 649 Parkview Ave. North Plainfield, N.J. 752-5025
SPC	Speedi-Dri Division, Minerals & Chemicals Philipp Corporation Menlo Park, N.J. 548-2200	SUP	Supplee Laboratories, Inc., Div of Foster D. Snell, Inc. 14 Pruyt St. Bainbridge, N.Y. 13733 (607) 967-3431
*SPD	Sprague-Dawley, Inc. P.O. Box 4220, Seminole Hwy. R. 2 Madison, Wis. 53711 (608) 233-5318	SUT	Sutter, Arthur 1813 W. Phelps St. Springfield, Mo. 65802 (417) 869-5242
STA	Stanford Glassblowing Laboratories, Inc. 970 San Antonio Rd. Palo Alto, Calif. (415) 321-2525	SWI	Swift & Company Pet Food Products 115 W. Jackson Blvd. Chicago, Ill. 60604
STB	Star-Key Laboratories, Inc. Waynesville, Ill. 937-2261	*TAC	Taconic Farms, Inc. Germantown, N.Y. (518) 537-6208
STC	Steinfeldt, Richard C. Forest City, Iowa 582-2328	TAR	Tarpon Zoo P.O. Box 847 Tarpon Springs, Fla. 33589 (813) 937-4201
STE	Steinhilber, E. G., & Co., Inc. 102 Josslyn St. Oshkosh, Wis. 54902 (414) 235-1990	TEK	Teklad, Inc.—Rockland Diets Room 102-4, Monmouth Trust & Sav. Bank Bldg. Monmouth, Ill. (309) 734-3819
STK	Stocker, Joseph E. 44 No. Central Ave. Ramsey, N.J. (201) 327-1064	TEX	Texas Inbred Mice Company 305 Alameda-Genoa Rd. Houston, Texas 77047 (713) 433-1585
STO	Stout Farms, The 5185 Madden Rd. Dexter, Mich. (313) 426-4321	THE	Thermotron Corporation 937 So. Wash., P.O. Box 1013 Holland, Mich. 49424 (616) 396-3553
STR	Sturdy Dog Food Company 2103 W. Genesee St. Syracuse, N.Y. 13219 (315) 468-4111	THM	Thermovac Industries Corp. 41 Decker St. Copiague, L.I., N.Y. 691-9050
STT	Stuttles Guinea Pig Farm 3020 Bath Road Bristol, Pa. (215) 788-1178	THO	Thompson Rabbit Farm Rt. 2, Box 372 Reisterstown, Md. (301) 833-2704
SUB	Suburban Surgical Supply 809 Davis St. Evanston, Ill. 60201 (312) 328-5700	THP	Thorncreek Farms R.D. #1, Box 310 Saxonburg, Pa.

SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
THR	Three Springs Kennels 146 Bascom St. Pittsburgh 14, Pa. (412) 931-2003	VIN	Vinemont Animal Farms Rt. 1 Vinemont, Ala. 35179 (205) 734-7598
TOL	Toledo Kitchen Machines, Div. of Toledo Scale Corp. 245 Hollenbeck St. Rochester, N.Y. 14621 (716) 266-4540	VIT	Vita Private Limited 32 Alipore Rd., Civil Lines Delhi 6, India 220576
TOR	Torsion Balance Company, The Clifton, N.J. (201) 473-6900	VIV	Vita Vet Laboratories P.O. Box 108 Marion, Ind. (317) 664-0013
TOY	Toy Bear Hamstery 3103 Westminster Ave. Norfolk 4, Va. (703) 622-3993	VOK	Vo-Kal Company, Inc. 185 Locust St. Northampton, Mass. (413) 584-9477
TRA	Traugott, C. F., & Son P.O. Box 800 San Antonio, Texas (512) 223-6331	WAB	Wahmann Manufacturing Company 1123 E. Baltimore St. Baltimore, Md. 21202 (301) 675-0300
TRE	Trefflich Bird & Animal Co., Inc. 228 Fulton St. New York 7, N.Y. (212) 349-0592	WAD	Walton Laboratories, Incorporated 1186 Grove St. Irvington, N.J. (201) 374-9600
TRS	Truslow Farms, Incorporated Chestertown, Md. (301) 778-3000	WAR	Warren, Lewis N. Reservoir Rd., Box 45 Pana, Ill. (217) 562-3516
TUM	Tumblebrook Farm, Inc. Brant Lake, N.Y. (518) Chestertown, NY 3893	WEA	Wear Ever Aluminum, Inc. 5th Ave. and 11th St. New Kensington, Pa. (412) 337-6541
TWN	Twin Oak Farm Creek & Cox Rds. Moorestown, N.J. (609) 235-2908	WED	Weinhardt's Rabbitry 17990 Bethel Ch. Rd., R. 3 Manchester, Mich. 48158 428-3353
ULT	Ultrasonic Industries, Inc. 6 Ames Ct., Engineers Hill Plainview, L.I., N.Y. 11803 (516) 681-2000	WEE	Western New York Animal Resources, Inc. 10 Boston Rd. Ontario, N.Y. (716) 872-2312
UNI	Unifab Research Cages 5260 Lovers Lane Kalamazoo, Mich. (616) 345-0147	WEG	West Gate Hills Rabbitry Mt. Rt. 27, Stokes Pk. Rd. Bethlehem, Pa. (215) 867-5667
VAC	Vacudyne Corporation 375 E. Joe Orr Rd. Chicago Heights, Ill. (312) 374-2200	WES	West Jersey Biological Supply So. Marion Ave. Wenonah, N.J. (609) 857-0861
VAN	van den Brink, G., N. V. P.O. Box 15 Soest, Holland 2844		

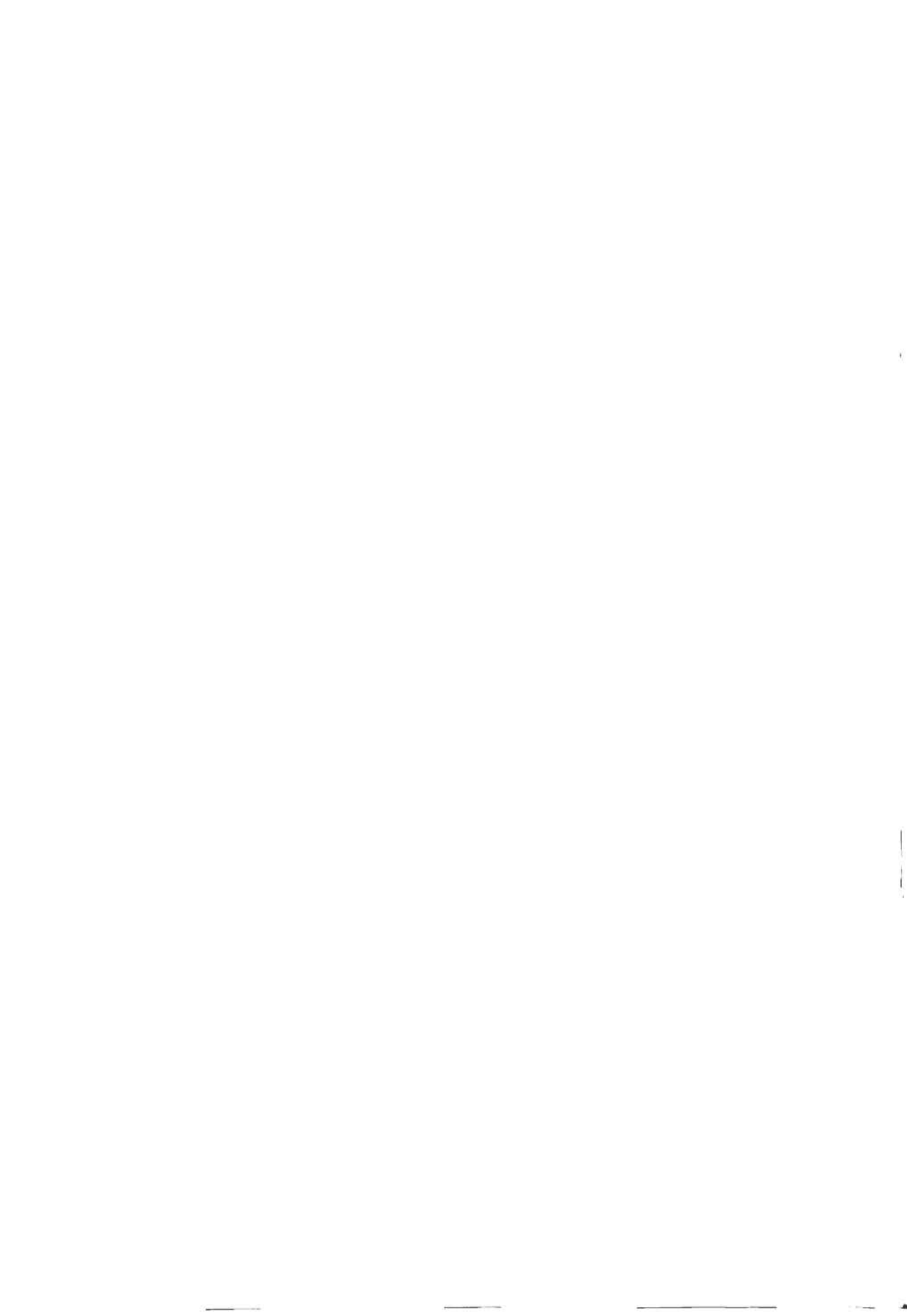
SUPPLIER AND MANUFACTURER CODES—Continued

<i>Code</i>	<i>Name</i>	<i>Code</i>	<i>Name</i>
WHI	White Animal Farm R.F.D. 4 West Scarborough, Maine 883-4437	WOC	Woodard Research Corporation 34 Station St. Herndon, Va. (703) 437-1600
WHL	White Eagle Farms 2015 Lower State Rd. Doylestown, Pa. (215) 348-9159	WOD	Woodman Animal Farm 17 Waltham Rd. Wayland, Mass. 01778 (617) 358-2188
WID	Will Scientific, Inc. (Md.) 5-31 N. Haven St. Baltimore, Md. 21224 (301) 342-4850	WOM	Woodside Meadow Farms R.D. 2, Box 218 Littlestown, Pa. (717) 359-4423
WIE	Wilmot Castle Company 1777 E. Henrietta Rd. Rochester, N.Y. 14623 (716) 271-6060	WRI	Wright, R. G., Company, Inc. 2280 Niagara St. Buffalo 7, N.Y. (716) 877-0700
WIH	Wilson & Co., Inc. Prudential Bldg. Chicago, Ill. 60601 (312) 527-4600	WYA	Wyandotte Chemicals Corporation J. B. Ford Division Wyandotte, Mich. 48193 (313) 282-3300
WIL	Wilson, Carl W., and Son Laboratory Animal Supply R.R. 15, Box 172 Acton, Ind. 862-4478	WYI	Wyatt Industries, Inc. P.O. Box 3052 Houston, Texas 77001 (713) 861-6141
WIN	Windy Acres Farm R.D. #2 Altamont, N.Y. 12009 861-6672	XEN	Xenopus Laevis Corp. 42003 50th W. Quartz Hill, Calif. (805) 943-3224
WIP	Wingford Kennels, Reg. 2 Woodland Place Grosse Pointe 30, Mich.	ZEE	Zehandelaar, F. J., Inc. 405 North Ave. New Rochelle, N.Y. (914) 636-2096
WIR	Wirthmore Feeds, Inc. 343 Winter St. Waltham, Mass. (617) 894-7750, Ext. 262	ZOO	Zoological Center, International 2207 Midland Rd. Bay City, Mich. (312) 528-0580
WOA	Wood, Michael, Products Garfield, N.J. (201) 773-8000	ZUC	Zucca's Hamstery P.O. Box 497 Vineland, N.J. 08360 (609) 691-3018

* Codes of organizations accompanied by an asterisk 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.

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