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CONSTRUCTION ENGINEERING RESEARCH LAB (ARMY) CHAMPAIGN IL F/G 6/3
ENDANGERED SPECIES ON U.S. ARMY INSTALLATIONS.(U)
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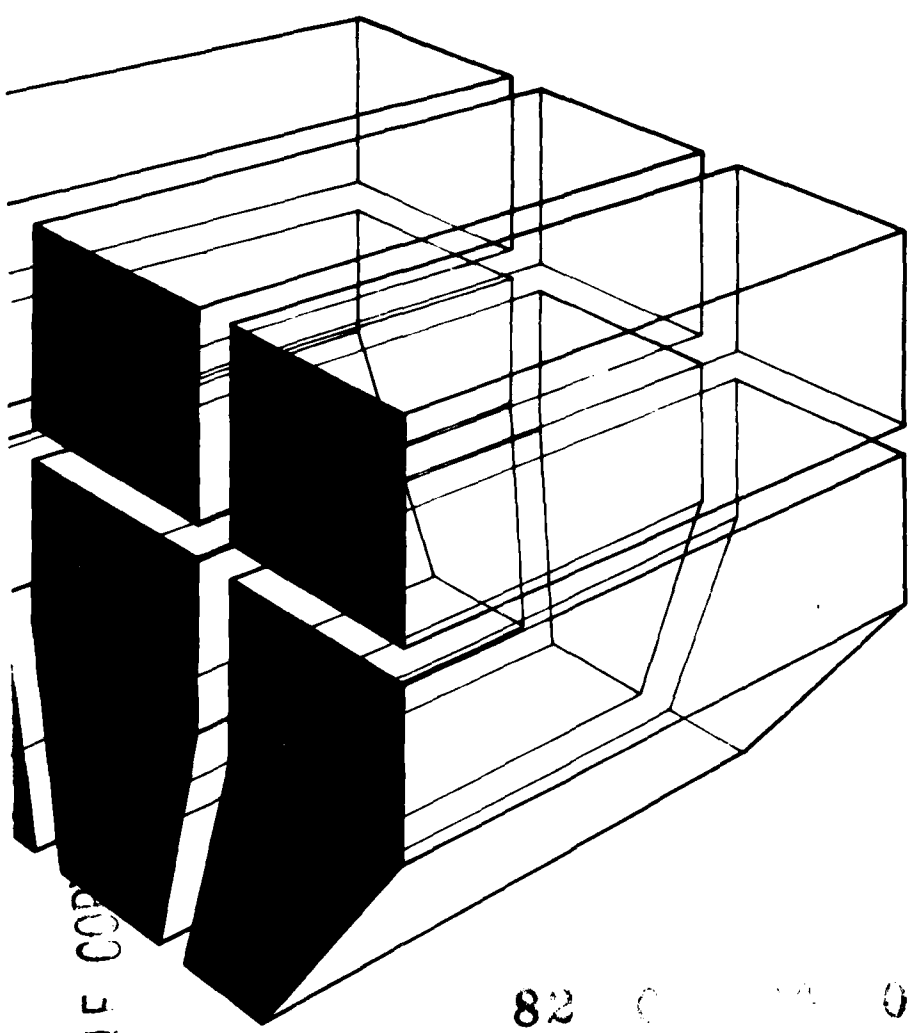


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Special Report N-134
August 1982
Training Area Maintenance

ENDANGERED SPECIES ON U.S. ARMY INSTALLATIONS



by
W. D. Severinghaus
H. E. Balbach
L. L. Radke

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) A major environmental concern facing U.S. Army installation land managers and planners is the presence or potential presence of one or more endangered species. This report supplies two lists: one identifies endangered species by installation, and the other identifies the installations by endangered species. The use of these two lists will help the Army major commands and installations organize environmental surveys and communicate to solve endangered species management problems before possible mission impairment.		

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FOREWORD

This research was performed by the U.S. Army Construction Engineering Research Laboratory (CERL) for the Directorate of Military Programs, Office of the Chief of Engineers (OCE). The work was done under Project No. 4A762720A896, "Environmental Quality Technology"; Technical Area B, "Source Reduction Control and Treatment"; Work Unit 036, "Training Area Maintenance." The OCE Technical Monitor was Mr. Donald Bandel, DAEN-MPO-B.

The work was performed by CERL's Environmental Division (EN). The help of the following individuals is acknowledged: S. E. Thomas helped identify and obtain the original tape, R. L. Chilausky made the tapes readable and converted the Federal Information Processing Standard codes, and L. A. Engelman edited the files to fit CERL's purpose. Also, W. J. Garrison, R. S. Baran, and S. E. Thomas have further developed the basic file for use on other environmental research projects. Dr. R. K. Jain is Chief of CERL-EN.

COL Louis J. Circeo is Commander and Director of CERL, and Dr. L. R. Shaffer is Technical Director.

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CONTENTS

	Page
DD FORM 1473	1
FOREWORD	3
1 INTRODUCTION	5
Background	
Purpose	
Mode of Technology Transfer	
Use of Report	
2 INFORMATION ACQUISITION	6
3 ARMY APPLICATION OF INFORMATION	6
4 CONCLUSION AND RECOMMENDATION	7
APPENDIX A: Endangered Species by Installation	8
APPENDIX B: Installations by Endangered Species	48
DISTRIBUTION	

ENDANGERED SPECIES ON U.S. ARMY INSTALLATIONS

1 INTRODUCTION

Background

A major environmental issue facing U.S. Army installation land managers and planners is the presence, or potential presence, of one or more endangered species. If an installation encounters such a species, there is often concern about the possible effect on troop training. Because of the severity of the consequences if these species are harmed, most installations have completed a preliminary survey to see whether the post might be inhabited by an endangered species. Another factor, often examined somewhat less carefully, is the presence of critical habitats for these species. Definitive surveys to identify and locate each endangered species or critical habitat generally have not been completed, but are in various stages, depending on the installation and, in some cases, the notoriety of the endangered species itself.

The potential for altering the training mission is real. The managerial disturbance caused by the red-cockaded woodpecker over the past few years is an example every installation in the southeastern coniferous forest ecosystem can understand. Another isolated example is the golden-cheeked warbler which inhabits parts of Fort Hood, TX. To make this bird's survival more likely, the installation has set aside a large tract of land in which training is suspended during the warbler's breeding season.

When it is found that the training mission might disturb an endangered species or a critical habitat, the installation's Facilities Engineer may be asked to solve the problem in a way that serves both the endangered species, or its critical habitat, and the training mission. The solution is generally complex and may not be easily effected. For example, the red-cockaded woodpecker was a significant problem; several posts worked on their own solutions, with mixed success. After some time, the individual installations, through coordination with their major commands (MACOMS), established a line of communication to help each other develop a broadly applicable solution.

The ability to immediately identify other installations which may have the same problem could reduce the time needed to find a solution, and could reduce duplication of effort.

Another difficulty in the orderly examination of Army lands for the presence of endangered species is that it is often very hard to determine which species must be the subjects of such a search. By definition, endangered species are uncommon, and are often shy. Even fairly careful surveys of an entire installation may miss such a species if it is not specifically the subject of the search.

The information in this report will help the Facilities Engineer organize and direct such a survey, and will allow him/her to locate other installations that may have dealt with the same species.

Purpose

The purpose of this report is: (1) to list the species presently considered endangered by the Federal government, as well as those that are candidates for listing, or that are of undetermined status; and (2) to list the installations where these species might be found.

Mode of Technology Transfer

It is recommended that the information in this report be incorporated into an Engineer Technical Note.

Use of Report

Chapter 1 describes the methods used to generate information about the endangered species listed in Appendices A and B. Chapter 2 explains how the Facilities Engineer can use this information most efficiently.

Appendix A, which lists endangered species on various installations, will give some preliminary information to installations that have not completed an initial survey, and will reinforce the data acquired by posts with completed studies.

Appendix B is organized by species; for each, a list of installations is given. When a MACOM or installation recognizes that a species may conflict with the Army's mission, this list can be screened to determine the extent of the problem on an Army-wide basis, and to identify installations that already may be working to resolve the difficulty, or may be willing to engage in a joint venture.

2 INFORMATION ACQUISITION

The information in Appendices A and B is from a Department of Energy (DOE) computer file that contains distribution data on endangered species of Federal concern under the Endangered Species Act of 1973.¹ Included for each species are: (1) the common name, (2) the scientific name, (3) the family, (4) the group (mammal, bird, etc.), (5) Fish and Wildlife Service (FWS) listing and recovery priorities, (6) the Federal legal status, (7) the geographic distribution by counties or islands, (8) Federal Register citations, and (9) the sources of the information on distribution of the species. Status types are endangered, threatened, proposed, formally under review, candidate, deleted, and rejected. Distribution is by Federal Information Processing Standard (FIPS) county code and is of four types: designated critical habitat, present range, potential range, and historic range.

The condition of the file required that the U.S. Army Construction Engineering Research Laboratory (CERL) identify the FIPS code for each county included within installation boundaries. All adjacent counties were also designated, but those listings are not given in this report. CERL's work produced a list of endangered species for 49 installations (Table 1), including common name, scientific name, group, status, and range characteristics. The DOE file has been modified and appears in the appendices considerably shortened to display the most pertinent information.

The lists in Appendices A and B are incomplete in one way which may, occasionally, be of interest. Many species breed in one known area and overwinter in another. Both areas are included in this report's listings; however, the much larger area over which a migratory bird, for example, must fly between the two extremes is not listed. The peregrine falcon, for instance, might fly over any county in the eastern half of the country at some time; therefore, the bird is listed in the DOE file under

Table 1
Installations for Which Listings Are Available

A. P. Hill	Lee
Belvoir	Leonard Wood
Benjamin Harrison	Lewis
Benning	McClellan
Bliss	McCoy
Bragg	McPherson
Campbell	Meade
Camp Merrill	Monroe
Carlisle Barracks	Ord
Carson	Pickett
Chaffee	Polk
Devens	Presidio of San Francisco
Dix	Richardson
Drum	Riley
Eustis	Rucker
Gordon	Sam Houston
Greeley	Schofield Barracks
Hamilton	Sheridan
Hood	Sill
Hunter Army Airfield	Stewart
Indiantown Gap	Story
Irwin	Wainwright
Jackson	West Point (U.S. Military Academy)
Knox	Yakima
Leavenworth	

"Statewide-Unspecified." This category has not been used in Appendices A and B because it does not provide specific information about the presence of a species. For some states, such as Alaska, specific ranges and distribution of many species are not well known; these species are on DOE's Statewide list, but are not included in Appendices A and B.

3 ARMY APPLICATION OF INFORMATION

The information in the appendices has been listed in two different forms for distinct purposes. Appendix A lists each installation (see Table 1) and gives the species by common name or, if no common name is available, scientific name. The installations are listed alphabetically by state. This appendix is most useful to the individual who is concerned with a specific installation and the endangered species there. Information about the species is provided in the following format:

¹John Nagy and Charles E. Calef, *ESUSA: U.S. Endangered Species Distribution File*, BNL 51129 (Brookhaven National Laboratory, October 1979), 64 pp.

FIPS Code	Installation Name			
	County	C	P	H
Common Name	(listed in		X	
Mammals	hierarchical			X
Birds	sequence)	X		
Reptiles				X
Amphibians			X	
Fish		X		
Plants			X	

For each species listed, the three columns headed C, P, and H may be marked with an X. The "C" means "critical habitat"; this is an area with the physical and biological elements necessary for the species' survival. The "P" means "potential," which indicates that a species has strong potential to be present based on current knowledge. The "H" represents "historical range," the widest known distribution of the species in the past.

Appendix B is designed for those who wish to identify installations which may have a similar problem species or habitat. This appendix is critical to developing communication between installations, especially when rather uncommon species are involved. If it is discovered that an installation is inhabited by an endangered species or has a critical habitat within its boundaries, this list can be quickly checked for other installations that may have the same situation. These installations then may be able to work together to solve the problem.

When applying the material in this report, the user must be careful for two reasons. First, the DOE data collection effort was concerned with every

county in the United States, but did not consider areas smaller than counties. Thus, the designation that a species is, or may be, found in a county which is part of an Army installation does *not* mean that the species is in fact on the installation. The designation merely suggests that there is potential for a problem concerning that species.

Second, many of the entries in Appendix A are for historical range (H) only. It is unlikely that a species is present if only historical range is listed. Rather than spending time looking for such species, the user of this report should concentrate on species with current potential (P) to be present.

Although there are very few entries for critical habitat (C), this is the most important level of all. When counties are designated critical habitat for any species, this means that the species is known to be present, and that the land areas critical to its survival have been defined. Legal conflicts and public controversy are most likely with such cases, which must be approached very carefully to avoid even the appearance of indifference.

4 CONCLUSION AND RECOMMENDATION

This report has listed: (1) endangered species by installation, and (2) installations by endangered species. It is recommended that these lists be used to help coordinate the U.S. Army endangered species program between installations and between MACOMs.

**APPENDIX A:
ENDANGERED SPECIES BY
INSTALLATION**

FT. MCCLELLAN

1015 calhoun

a1

COMMON NAME

CPI

BAT, BIG-EARED, RAFINESQUE'S

X

BAT, FREE-TAILED, BRAZILIAN

X

BAT, GRAY

XX

BAT, INDIANA

XX

PANTHER, FLORIDA

X

WOLF, RED

X

WOODPECKER, RED-COCKADED

XX

DARTER, COLDWATER

XX

SCULPIN, PYGMY

XX

FT. RUCKER

1031 coffee

al

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
BAT, INDIANA	XX
BEAR, BLACK, FLORIDA	XX
PANTHER, FLORIDA	X
WOLF, RED	X
KESTREL, AMERICAN, SOUTHEASTERN	XX
WOODPECKER, IVORY-BILLED	X
ALLIGATOR, AMERICAN	XX
RATTLESNAKE, DIAMONDBACK, EASTERN	XX
SKINK, MOLE	XX
TORTOISE, GOPHER	XX

1045 dele

al

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
BAT, INDIANA	XX
BEAR, BLACK, FLORIDA	XX
PANTHER, FLORIDA	X
WOLF, RED	X
KESTREL, AMERICAN, SOUTHEASTERN	XX
WOODPECKER, IVORY-BILLED	X
ALLIGATOR, AMERICAN	XX
RATTLESNAKE, DIAMONDBACK, EASTERN	XX
SKINK, MOLE	XX
TORTOISE, GOPHER	XX
ANGLEPOD,	X
NEMESIS, FLYR'S	X
CAREX BALTZELLII /CHAPMAN	X

FT. RICHARDSON

2020 anchorage ak

COMMON NAME CPH
ERIGERON HULTENII /SPONGBERG XX

FT. WAINWRIGHT

2090 fairbanks ak

COMMON NAME CPH
NONE FOUND NONE FOUND

FT. GREELY

2240 southeast fairbanks ak

COMMON NAME CPH
NONE FOUND NONE FOUND

FT. CHAFFEE

5131 sebastian

ar

COMMON NAME

CPH

BAT, BIG-EARED, OZARK
 BAT, BIG-EARED, RAFINESQUE'S
 PANTHER, FLORIDA
 WOLF, RED
 WOODPECKER, IVORY-BILLED

XX
 X
 X
 X
 X

PRESIDIO OF SAN FRANCISCO

6075 san francisco

ca

COMMON NAME

CPH

BAT, FREE-TAILED, BRAZILIAN
 BEAR, (BROWN), GRIZZLY
 OTTER, SEA, SOUTHERN
 PELICAN, BROWN
 RAIL, BLACK, CALIFORNIA
 RAIL, CLAPPER, CALIFORNIA
 TERN, LEAST, CALIFORNIA
 ARIOLIMAX CALIFORNICUS BRACHYPHALLUS
 SNAIL, BRACKISH WATER, CALIFORNIA
 BUTTERFLY, BLUE, MISSION
 BUTTERFLY, BLUE, PHERES
 BUTTERFLY, SILVERSPOT, CALLIPPE
 MOTH, SAN FRANCISCO TREE LUPINE
 BEETLE, DUNE, GLOBOSE
 HELIANTHELLA, DIABLO
 TANSY, DUNE
 POPCORNFLOWER, SAN FRANCISCO
 ROCK CRESS, COAST
 WALLFLOWER, COAST
 WALLFLOWER, SAN FRANCISCO
 SALTBUSH, LOST HILLS
 MANZANITA, SAN FRANCISCO
 MANZANITA, HAVEN'S (PRESIDIO)
 FRITILLARIA LILIACEA
 DWARF-FLAX, MARIN
 CLARKIA, PRESIDIO
 ORTHOCARPUS, SAN FRANCISCO

X
 X
 X
 X
 XX
 X
 X
 XX
 X
 XX
 X
 XX
 X
 XX
 XX
 XX
 X
 XX
 XX
 XX
 XX
 XX
 XX

 |
 | FT. IRWIN
 |

6071 san bernardino ca

COMMON NAME	CPH
BAT, CAVE,	X
BAT, FREE-TAILED, BRAZILIAN	X
BAT, FREE-TAILED, POCKETED	XX
BEAR, (BROWN), GRIZZLY	X
JAGUAR	X
PUMA, YUMA	XX
RAT, KANGAROO, STEPHENS'	X
SQUIRREL, GROUND, MOHAVE	XX
CUCKOO, YELLOW-BILLED, CALIFORNIA	XX
RAIL, CLAPPER, YUMA	XX
TOWHEE, BROWN, INYO	XX
VIREO, BELL'S, CALIFORNIA	X
BOA, ROSY	XX
BOA, RUBBER, SOUTHERN	XX
MONSTER, GILA	XX
TORTOISE, DESERT	XX
WHIPTAIL (RACE RUNNER), ORANGE-THROATED	XX
CHUB, BUNYTAIL	X
CHUB, MOHAVE	XX
SQUAWFISH, COLORADO RIVER	X
SUCKER, RAZORBACK	X
WOUNDFIN	X
HELMINTHOGLYPTA GRANITICOLA	XX
HELMINTHOGLYPTA MOHAVEANA	X
HELMINTHOGLYPTA TUDICULATA ANGELENA	X
MICRARIONTA IMMACULATA	X
MICRARIONTA MELANOPYLON	X
SNAIL, COLORADO DESERT	XX
MICRARIONTA ROWELLI ACUS	XX
MICRARIONTA ROWELLI AMBOIANA	X
MICRARIONTA ROWELLI BAKERENSIS	XX
SONORELIX AVAWATZICA	X
SONORELIX RIXFORDI	X
MILODERES KELSOENSIS	XX
TRIGONOSCUA BRUNNOTESSELATUS	XX
TRIGONOSCUA KELSOENSIS	XX
BUTTERFLY, MARBLE, ANDREWS'	XX
GLARENIS ARENATA	XX
CYMOPTERUS, DESERT	XX
BRICKELLIA, KNAPP'S	XX
DAISY, PARISH'S	XX
WOOLLY-SUNFLOWER, BARSTOW	XX

SUNFLOWER,	X
TARWEED, MAJAVE	X
ASTER, LAGUNA	XX
BUTTERWEED, SAN BERNARDINO	XX
DANDELION, CALIFORNIA	XX
BARBERRY, NEVIN'S	XX
BLADDERPOD,	XX
NASTURTIUM GAMBELII	X
THELYPODY, SLENDER-PETALED	XX
OPUNTIA HASILARIS VAR. BRACHYCLADA	XX
FISHHOOK CACTUS, MOHAVE	XX
SANDWORT, BEAR VALLEY	XX
LIVEFOREVER, MANY-STEMMED	XX
DUDLEYA SAXOSA SSP. SAXOSA	XX
FORSYTHIA PUNGENS VAR. GLABRA	XX
RATTLEWEED, CIMA	XX
LOCOWEED, COOLGARDIE	XX
PHACELIA, MACHRIDE	X
MONARDELLA, HALL'S	XX
MONARDELLA, PRINGLE	X
MONARDELLA, ROBISON	XX
BRODIAEA, THREAD-LEAVED	XX
MARIPOSA, ALKALI	XX
BUSH-MALLOW, PARISH'S	XX
SIDALCEA, PRAISE	XX
SIDALCEA, PEDATE	XX
BLUE GRASS, SAN BERNARDINO	XX
LEPTODACTYLON JAEGERI	XX
LINANTHUS, SAN BERNARDINO MT., LITTLE	XX
SPINEFLOWER, SLENDER-HORNED	X
SPINEFLOWER, MOJAVE	XX
WILD BUCKWHEAT, THORNE'S	XX
WILD BUCKWHEAT, SOUTHERN MOUNTAIN	XX
BRUSH BUCKWHEAT, JOHNSTON'S	XX
WILD BUCKWHEAT, SULFUR-FLOWEED, ALPINE	XX
SPRING BEAUTY, PEIRSON'S	XX
MORRELIA WILDERAE	XX
IVESIA, SILVER-HAIRED	XX
CINQUEFOIL, KINGSTON MOUNTAINS	XX
BEDSTRAW, KINGSTON	XX
INDIAN PAINTBRUSH, ASH GREY	XX
BIRD'S-BEAK, TECOPA	XX
MONKEYFLOWER, MEAN	XX
MONKEYFLOWER, PURPLE	XX
ORTHOCARPUS, SAN BERNARDINO	XX
PENSTEMON, LIMESTONE	XX
PENSTEMON, STEPHENS	XX

FT. ORD

6053 monterey

ca

COMMON NAME	CPH
BAT, FREE-TAILED, BRAZILIAN	X
BEAR, (BROWN), GRIZZLY	X
FOX, KIT, SAN JOAQUIN	XX
OTTER, SEA, SOUTHERN	XX
RAT, KANGAROO, BIG-EARED	XX
CONDOR, CALIFORNIA	XX
CUCKOO, YELLOW-BILLED, CALIFORNIA	X
PELICAN, BROWN	X
RAIL, CLAPPER, CALIFORNIA	X
TERN, LEAST, CALIFORNIA	XX
LIZARD, LEGLESS, BLACK	XX
LIZARD, LEOPARD, BLUNT-NOSED	X
SNAKE, GARTER, TWO-STRIPED	XX
SALAMANDER, LONG-TOED, SANTA CRUZ	XX
SNAIL, BRACKISH WATER, CALIFORNIA	XX
HELMINTHOGLYPTA DUPETITHOJARSII	X
HELMINTHOGLYPTA SEQUOICOLA CONSORS	X
BUTTERFLY, ELFIN, DOUDOROFF'S	XX
BUTTERFLY, BLUE, SMITH'S	XX
BUTTERFLY, FRITILLARY, CLEMENCE'S	XX
BEETLE, DUNE, GLOBOSE	XX
YAMPAH, GAIRDNER'S	XX
BENITOA	XX
GOLDENWEED, EASTWOOD'S	XX
BAERIA, SALINAS VALLEY	XX
MALACOTHRIX, CARMEL VALLEY	XX
PENTACHAETA, WHITE-RAYED	XX
RAILLARDELLA, MUIR'S	XX
WALLFLOWER, COAST	XX
WALLFLOWER, MENZIES'	XX
TROPIDOCARPUM, CAPER-FRUITED	XX
CYPRESS, GOWEN	XX
CYPRESS, MONTERREY	XX
MANZANITA, ARROYO DE LA CRUZ	XX
MANZANITA, LITTLE SUR	XX
MANZANITA, SMALL-FLOWERED LITTLE SUR	XX
MANZANITA, MONTERREY	XX
MANZANITA, SANDMAT	XX
LOCOWEED, COASTAL DUNES	XX
LUPINE, SANTA LUCIA	XX
LUPINE, TIDESTROM	XX

CLOVER, PACIFIC GROVE	XX
CLOVER, MONTERREY	XX
MONARDELLA, SAN BENITO	XX
POGOGYNE, SANTA LUCIA	XX
AMOLE, PURPLE	XX
FRITILLARIA LILIACEA	X
FRITILLARIA VIRIDEA	XX
BUSH-MALLOW, ABBOTT'S	X
BUSH-MALLOW, CARMEL VALLEY	XX
BUSH-MALLOW, AROYO SECO	XX
SIDALCEA, HICKMAN	XX
DISSANTHELIUM, CALIFORNIA	X
GRASS, BOTTLEBRUSH, CALIFORNIA	XX
CHORIZANTHE, SAN FERNANDO VALLEY	XX
WILD BUCKWHEAT, BUTTERWORTH'S	XX
WILD BUCKWHEAT, PINNACLES	XX
KNOTWEED, MONTERREY	X
DELPHINIUM, HUTCHINSON'S	XX
CEANOTHUS, MONTERREY	XX
CINQUEFOIL, HICKMAN'S	XX
REDSTRAW,	XX
REDSTRAW, HARDHAM'S	XX
COLLINSIA ANTONINA /HARDHAM	XX
BIRD'S-BEAK, SEASIDE	XX

FT. CARSON

8041 el paso co

COMMON NAME	CPH
BAT, FREE-TAILED, BRAZILIAN	X
BEAR, (BROWN), GRIZZLY	X
FERRET, BLACK-FOOTED	X
FOX, SWIFT, SOUTHERN	X
FALCON, PEREGRINE, AMERICAN	X
TROUT, CUTTHROAT, GREENBACK	X

8043 fremont co

COMMON NAME	CPH
BAT, FREE-TAILED, BRAZILIAN	X
BEAR, (BROWN), GRIZZLY	X
BISON, WOOD	X
FERRET, BLACK-FOOTED	X
LYNX	X
TROUT, CUTTHROAT, GREENBACK	X
GOLDENWEED,	X
PARTHENIUM TETRANEURIS	XX
BEARDTONGUE, DEGENER	XX

8101 pueblo

co

COMMON NAME

CPH

BAT, FREE-TAILED, BRAZILIAN
BEAR, (BROWN), GRIZZLY
FERRET, BLACK-FOOTED
TROUT, CUTTHROAT, GREENBACK
GOLDENWEED,
PARTHENIUM TETRANEURIS

X
X
X
X
X
XX

FT. MCPHERSON

13063 clayton

ga

COMMON NAME

CPH

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
BAT, INDIANA
PANTHER, FLORIDA
WOLF, RED
SHINER, BLUESTRIFE

X
X
XX
X
X
X

13067 cobb

ga

COMMON NAME

CPH

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
BAT, INDIANA
PANTHER, FLORIDA
WOLF, RED
SHINER, BLUESTRIFE
LIMPET, COLUMBIA RIVER, GIANT
DRABA APRICA

X
X
XX
X
X
XX
X
X

13121 fulton

ga

COMMON NAME

CPH

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
BAT, INDIANA
PANTHER, FLORIDA
WOLF, RED
WOODPECKER, RED-COCKADED
SHINER, BLUESTRIFE

X
X
XX
X
X
X
XX

FT. GORDON

13073 columbia

ga

COMMON NAME

CPH

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
PANTHER, FLORIDA
WOLF, RED
KESTREL, AMERICAN, SOUTHEASTERN
ALLIGATOR, AMERICAN
STURGEON, SHORTNOSE
LIMPET, COLUMBIA RIVER, GIANT
DRABA APRICA
PLUME, GEORGIA

X
X
X
X
XX
XX
X
X
X
X

13163 jefferson

ga

COMMON NAME

CPH

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
PANTHER, FLORIDA
WOLF, RED
KESTREL, AMERICAN, SOUTHEASTERN
ALLIGATOR, AMERICAN
SKINK, MOLE
STURGEON, SHORTNOSE

X
X
X
X
XX
XX
XX
X

13191 mcintosh

ga

COMMON NAME

CPH

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
MANATEE, WEST INDIAN (FLORIDA)
MINK, FLORIDA
PANTHER, FLORIDA
WOLF, RED
KESTREL, AMERICAN, SOUTHEASTERN
PELICAN, BROWN
STORK, WOOD
WOODPECKER, IVORY-BILLED
WOODPECKER, RED-COCKADED
ALLIGATOR, AMERICAN
RATTLESNAKE, DIAMONDBACK, EASTERN
SKINK, MOLE
SNAKE, INDIGO, EASTERN
TORTOISE, Gopher
TURTLE, SEA, LOGGERHEAD
STURGEON, SHORTNOSE
FRANKLIN TREE

X
X
XX
XX
X
X
XX
X
X
X
XX
XX
XX
X
XX
XX
X
X

13245 richmond

98

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
PANTHER, FLORIDA	X
WOLF, RED	X
KESTREL, AMERICAN, SOUTHEASTERN	XX
ALLIGATOR, AMERICAN	XX
SKINK, MOLE	XX
FROG, TREE-, PINE BARRENS, NJ+NC+SC	XX
STURGEON, SHORTNOSE	X

FT. STEWART

13029 bryan

98

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
MANATEE, WEST INDIAN (FLORIDA)	XX
WINK, FLORIDA	XX
PANTHER, FLORIDA	X
WOLF, RED	X
KESTREL, AMERICAN, SOUTHEASTERN	XX
PELICAN, BROWN	X
STORK, WOOD	X
WOODPECKER, IVORY-BILLED	X
WOODPECKER, RED-COCKADED	X
ALLIGATOR, AMERICAN	XX
RATTLESNAKE, DIAMONDBACK, EASTERN	XX
SKINK, MOLE	XX
SNAKE, INDIGO, EASTERN	X
TORTOISE, GOPHER	XX
TURTLE, SEA, LOGGERHEAD	XX
STURGEON, SHORTNOSE	X
SPIDER-LILY,	X

13051 chatham

98

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
GOPHER, POCKET, SHERMAN'S
MANATEE, WEST INDIAN (FLORIDA)
MINK, FLORIDA
PANTHER, FLORIDA
WOLF, RED
KESTREL, AMERICAN, SOUTHEASTERN
PELICAN, BROWN
STORK, WOOD
WOODPECKER, IVORY-BILLED
WOODPECKER, RED-CUCKADED
ALLIGATOR, AMERICAN
RATTLESNAKE, DIAMONDBACK, EASTERN
SKINK, MOLE
SNAKE, INDIGO, EASTERN
TORTUISE, GOPHER
TURTLE, SEA, LOGGERHEAD
STURGEON, SHORTRNOSE
BUTTERFLY, SKIPPER, RARE

CPH

X
X
XX
XX
XX
X
X
XX
X
X
X
XX
XX
XX
XX
X
XX
XX
XX
X
XX

13109 evans

98

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
PANTHER, FLORIDA
WOLF, RED
KESTREL, AMERICAN, SOUTHEASTERN
WOODPECKER, IVORY-BILLED
ALLIGATOR, AMERICAN
SKINK, MOLE
SNAKE, INDIGO, EASTERN
TORTUISE, GOPHER
STURGEON, SHORTRNOSE
PLUME, GEORGIA

CPH

X
X
X
X
XX
X
XX
XX
X
XX
X
X

13179 liberty

98

<u>COMMON NAME</u>	<u>CPH</u>
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
MANATEE, WEST INDIAN (FLORIDA)	XX
MINK, FLORIDA	XX
PANTHER, FLORIDA	X
WOLF, RED	X
KESTREL, AMERICAN, SOUTHEASTERN	XX
PELICAN, BROWN	X
STORK, WOOD	X
WOODPECKER, IVORY-BILLED	X
WOODPECKER, RED-COCKADED	X
ALLIGATOR, AMERICAN	XX
RATTLESNAKE, DIAMONDBACK, EASTERN	XX
SKINK, MOLE	XX
SNAKE, INDIGO, EASTERN	X
TORTOISE, GOPHER	XX
TURTLE, SEA, LOGGERHEAD	XX
STURGEON, SHORTNOSE	X

13183 long

98

<u>COMMON NAME</u>	<u>CPH</u>
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
PANTHER, FLORIDA	X
WOLF, RED	X
KESTREL, AMERICAN, SOUTHEASTERN	XX
WOODPECKER, IVORY-BILLED	X
ALLIGATOR, AMERICAN	XX
RATTLESNAKE, DIAMONDBACK, EASTERN	XX
SKINK, MOLE	XX
SNAKE, INDIGO, EASTERN	X
TORTOISE, GOPHER	XX
STURGEON, SHORTNOSE	X
ALASMIDONTA ARCUA	X
ELLIPTIO SHEPARDIANA	X
PLUME, GEORGIA	X

13267 tattnell

98

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
PANTHER, FLORIDA	X
WOLF, RED	X
KESTREL, AMERICAN, SOUTHEASTERN	XX
WOODPECKER, IVORY-BILLED	X
WOODPECKER, RED-CKOADED	XX
ALLIGATOR, AMERICAN	XX
SKINK, MOLE	XX
SNAKE, INDIGO, EASTERN	X
TORTOISE, GOPHER	XX
STURGEON, SHORTNOSE	X
PLUME, GEORGIA	X
CALAMINTHA DENTATUM	X
BUCKTHORN,	X

 |
 | HUNTER ARMY AIRFIELD, GA
 |

13051 chatham

98

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
GOPHER, POCKET, SHERMAN'S	XX
MANATEE, WEST INDIAN (FLORIDA)	XX
MINK, FLORIDA	XX
PANTHER, FLORIDA	X
WOLF, RED	X
KESTREL, AMERICAN, SOUTHEASTERN	XX
PELICAN, BROWN	X
STORK, WOOD	X
WOODPECKER, IVORY-BILLED	X
WOODPECKER, RED-CKOADED	X
ALLIGATOR, AMERICAN	XX
RATTLESNAKE, DIAMONDBACK, EASTERN	XX
SKINK, MOLE	XX
SNAKE, INDIGO, EASTERN	X
TORTOISE, GOPHER	XX
TURTLE, SEA, LOGGERHEAD	XX
STURGEON, SHORTNOSE	X
BUTTERFLY, SKIPPER, RARE	XX

FT. BENNING

1113 russell

01

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
BAT, GRAY
BAT, INDIANA
PANTHER, FLORIDA
WOLF, RED
KESTREL, AMERICAN, SOUTHEASTERN
WOODPECKER, RED-COCKADED
SKINK, MOLE
TORTOISE, GOPHER
TURTLE, MAP, BARBOUR'S
SHINER, BLUESTRIPE
SNAIL, RIVER, ALBANY

CPH

X
X
XX
XX
X
X
XX
X
XX
XX
XX
XX
X

13053 chattahoochee

00

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S
BAT, FREE-TAILED, BRAZILIAN
BAT, GRAY
BAT, INDIANA
PANTHER, FLORIDA
WOLF, RED
KESTREL, AMERICAN, SOUTHEASTERN
WOODPECKER, RED-COCKADED
RATTLESNAKE, DIAMONDBACK, EASTERN
SKINK, MOLE
TORTOISE, GOPHER
TURTLE, MAP, BARBOUR'S
FROG, CRAWFISH, FLORIDA
SHINER, BLUESTRIPE
LIMPET, COLUMBIA RIVER, GIANT

CPH

X
X
XX
XX
X
X
XX
X
XX
XX
XX
XX
XX
X

13197 marion

ga

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S
 BAT, FREE-TAILED, BRAZILIAN
 BAT, INDIANA
 PANTHER, FLORIDA
 WOLF, RED
 KESTREL, AMERICAN, SOUTHEASTERN
 RATTLESNAKE, DIAMONDBACK, EASTERN
 SKINK, MOLE
 TORTOISE, GOPHER
 FROG, CRAWFISH, FLORIDA
 SHINER, BLUESTRIFE

CPH

X
 X
 XX
 X
 X
 XX
 XX
 XX
 XX
 XX
 X

13215 newton

ga

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S
 BAT, FREE-TAILED, BRAZILIAN
 BAT, GRAY
 BAT, INDIANA
 PANTHER, FLORIDA
 WOLF, RED
 KESTREL, AMERICAN, SOUTHEASTERN
 WOODPECKER, RED-COCKADED
 SKINK, MOLE
 TORTOISE, GOPHER
 TURTLE, MAP, HARBOUR'S
 SHINER, BLUESTRIFE
 HORSE-NETTLE,

CPH

X
 X
 XX
 XX
 X
 X
 XX
 XX
 XX
 XX
 XX
 X
 X

 |
 | CAMP MERRILL, GA
 |

13187 lumokin

ga

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S
 BAT, FREE-TAILED, BRAZILIAN
 BAT, INDIANA
 PANTHER, FLORIDA
 WOLF, RED
 SHINER, BLUESTRIFE

CPH

X
 X
 XX
 X
 X
 X

SCHOFIELD BARRACKS, HI

15003 honolulu

hi

COMMON NAME	CPH
FERN, PENDANT KIHĪ	X
BAT, HOARY, HAWAIIAN	XX
SEAL, MONK, HAWAIIAN	XX
AKIALOA, KAUAI (HONEYCREEPER)	XX
COOT, HAWAIIAN	XX
DUCK, HAWAIIAN (KOLOA)	XX
GALLINULE, HAWAIIAN	XX
NUKUPUU (HONEYCREEPER)	XX
OU, KAUAI (OU AA) (HONEYEATER)	XX
OU (HONEYCREEPER)	XX
PETREL, HAWAIIAN, DARK-RUMPED	X
SHEARWATER, MANX, NEWELL'S	XX
STILT, HAWAIIAN (BLACK-NECKED)	XX
THRUSH, KAUAI, LARGE (POAIOHI)	XX
THRUSH, KAUAI, SMALL	XX
TURTLE, SEA, HAWKSBILL	X
AMPHIPOD, CAVE, KAUAI ('UKU NOHO ANA)	XX
BUTTERFLY, HAIRSTREAK, HAWAIIAN	XX
SPIDER, WOLF, CAVE, KAUAI (PE'E PE'E MAKA 'OLE)	XX
ACHYRANTHES MUTICA	X
NOTOTRICHUM SANDWICENSE VAR. DECIPIENS	X
NOTOTRICHUM SANDWICENSE VAR. OLOKELEANUM	X
NOTOTRICHUM VIRIDE /HRD.	X
PEUCEDANUM KAUAIENSE	X
PTERALYXIA, KAUAI	X
RAUVOLFIA HELLERI	X
HAD	X
RAUVOLFIA SANDWICENSIS VAR. SUBACUMINATA	X
CHEIRODENDRON HELLERI VAR. HELLERI	X
CHEIRODENDRON HELLERI VAR. MICROCARPUM	X
CHEIRODENDRON HELLERI VAR. SODALIUM	X
MUNRODENDRON RACEMOSUM / (FORBES) SHERFF	X
TETRAPLASANDRA BISATTENUATA	X
TETRAPLASANDRA KAVAIENSIS VAR. KOLUANA	X
TETRAPLASANDRA LIHUENSIS VAR. GRACILIPES	X
TETRAPLASANDRA MEIANDRA VAR. DEGENERI	X
TETRAPLASANDRA MAIALEALAE VAR. URCEOLATA	X
TETRAPLASANDRA WAIMEAE VAR. ANGUSTIOP	X
LO'ULU	X
ASTER, HAWAIIAN	X

KO'OKU'OLAU	X
KO'OKU'OLAU	X
KO'OKU'OLAU	X
HIDENS, ROBUST	X
DUBAUTIA LAEVIGATA VAR. PARVIFOLIA	X
DUBAUTIA MAGNIFOLIA	X
DUBAUTIA MICROCEPHALA /SKOTTSH.	X
DUBAUTIA KAIKALEALAE VAR. MEGAPHYLLA	X
HESPEROMANNIA, KAUAI	X
NEHE, BRYAN'S	X
LIPOCHAETA MICRANTHA	X
REMYA KAUAIENSIS /HBD.	X
TETRAMOLOPIUM CONSANGUINEUM / (GRAY) HBD.	X
ILIAU, DWARF	X
ANAUNAU	X
ALULA	X
CYANEA CHUCKII	X
CYANEA, GIANT KUKU'E	X
CYANEA LINEARIFOLIA	X
DELISSEA RHYTIDOSPERMA	X
DELISSEA RIVULARIS / (HOOK) E. NIMMER	X
DELISSEA UNDULATA /GAUD.	X
LOBELIA NIIHAUENSIS /ST. JOHN	X
LOBELIA TORTUOSA	X
ROLLANDIA PARVIFOLIA	X
MA'OLI'OLI	X
SILENE LANCEOLATA /GRAY	X
EUPHORBIA ATRUCOCCA /HELLER	X
EUPHORBIA CELASTROIDES VAR. KEALIANA	X
EUPHORBIA CELASTROIDES VAR. PEMATOPODA	X
EUPHORBIA CELASTROIDES VAR. STOKESII	X
EUPHORBIA HAELEELEANA	X
EUPHORBIA HALEMANUI	X
EUPHORBIA MULTIFORMIS VAR. SPARSIFLORA	X
EUPHORBIA REMYI /GRAY	X
MEHAMEHAME	X
JACK-BEAN,	X
JACK-BEAN,	X
JACK-BEAN,	X
JACK-BEAN,	X
UHIUHI	X
'OHAI	X
SOPHORA CHRYSOPHYLLA VAR. GRISFA	X
VIGNA, OAHU	X
XYLOSMA CRENATUM	X
CYRTANDRA GLAUCA	X
ULUNAELE	X
CYRTANDRA LONGIFOLIA VAR. LONGIFOLIA	X
CYRTANDRA MALACOPHYLLA VAR. MALACOPHYLLA	X
CYRTANDRA DENDRABEA /MANN	X
CYRTANDRA PALUDOSA VAR. HAUPIENSIS	X

HAPLOSTACHYS HAPLOSTACHYA VAP. LEPTOSTACHYA	X
PHYLLOSTEGIA KNUDSENII	X
PHYLLOSTEGIA MOLLIS VAR. FAGERLINDII	X
NEHE KUHIIWA	X
PHYLLOSTEGIA PARVIFLORA VAR. CANESCENS	X
STENOGYNE PURPUREA VAR. FORBESII	X
LABORDIA KAALAE VAR. KAUAIENSIS	X
LABORDIA LYDGATEI	X
KAMAKAHALA	X
LABORDIA TINIFOLIA VAR. MICROGYNA	X
LABORDIA NAWRANA	X
HAU KUAHIWI, KAUAI	X
HIBISCUS, CLAY'S	X
HIBISCUS NEWHOUSEI	X
HIBISCUS SAINT-JOHNIANUS	X
KOKI'O, KAUAI	X
COCCULUS VIRGATUS	X
MYRSINE LINEARIFOLIA VAR. LINEARIFOLIA	X
MYRSINE MEZII	X
MYRSINE PETIOLATA	X
MYRSINE ST-JOHNII	X
PLATANThERA HOLOCHILA	X
PEPEROMIA HAUPUENSIS	X
PEPEROMIA HELLERI VAR. KNUDSENII	X
PLANTAGO PRINCEPS VAR. LAXIFOLIA	X
PANIC GRASS,	X
BLUE GRASS, MANN'S	X
BLUE GRASS, HAWAIIAN	X
POA SIPHONOGLOSSA	X
LYSIMACHIA FILIFOLIA	X
LYSIMACHIA KALALAUENSIS	X
LILI-WAI	X
HEDYOTIS ELATIOR VAR. ELATIOR	X
HEDYOTIS FLUVIATILIS VAR. KAUAIENSIS	X
HEDYOTIS GLAUCIFOLIA VAR. HELLERI	X
HEDYOTIS LITTORALIS	X
HEDYOTIS, NA PALI BEACH	X
PSYCHOTRIA GRANDIFLORA	X
PELEA ANISATA VAR. HAUPUANA	X
PELEA DEGENERI	X
PELEA GLABRA	X
PELEA HAUPUENSIS	X
PELEA KAUAIENSIS	X
PELEA KNUDSENII	X
PELEA LEVEILLEI	X
PELEA MACROPUS	X
PELEA, NEAL	X
PELEA OVATA	X
ALANI	X
PELEA PLUVIALIS	X
PELEA QUADRANGULARIS	X

ALANI
 PELEA WAHIAWAENSIS
 PELEA WAIMEAENSIS
 ZANTHOXYLUM KAUAEENSE VAR. KUHUANA
 HEAD (EXOCARPUS, LEAFY)
 MAHUE,
 'AIEA,
 POPOLO-'AI-A-KE-AKUA
 SOLANUM NELSONII VAR. THOMASIAEFOLIUM
 SOLANUM SANDWICENSE
 EURYA SANDWICENSIS VAR. GRANDIFOLIA
 WIKSTROEMIA HANALFI
 WIKSTROEMIA SKOTTSBERGIANA
 NERAUDIA KAUAIENSIS (HBO.) COWAN
 MA'OLUA
 AUPAKA,
 AUPAKA,
 VIOLA HELENA /FORBES & LYDGATE
 VIOLA KAUAIENSIS VAR. WAHIAWAENSIS

X
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X

 |
 | FT. SHERIDAN
 |

17097 lake

11

COMMON NAME
 BAT, INDIANA
 LYNX
 MARTEN, EASTERN
 SNAKE, GARTER, CHICAGO
 SNAKE, WATER-, KIRTLAND'S
 TURTLE, MUD, ILLINOIS
 CISCO, LONGJAW
 BUTTERFLY, SKIPPER, DAKOTA
 BUTTERFLY, BLUE, KARNER
 ASTRAGALUS TENNESSEENSIS /GRAY
 ORCHID, WHITE-FRINGED, PRAIRIE
 PLANTAIN, HEART-LEAVED

CPH
 XX
 X
 X
 XX
 X
 XX
 X
 X
 X
 X
 X
 X
 X
 X
 X
 X

FT. BENJAMIN HARRISON

18057 hamilton in

<u>COMMON NAME</u>	<u>CPH</u>
BAT, BIG-EARED, VIRGINIA	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
LYNX	X
WOLF, RED	X
SNAKE, WATER-, KIRTLAND'S	X
DARTER, SAND, EASTERN	X

18059 hancock in

<u>COMMON NAME</u>	<u>CPH</u>
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, BIG-EARED, VIRGINIA	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
LYNX	X
SNAKE, WATER-, KIRTLAND'S	X
DARTER, SAND, EASTERN	X

18097 marion in

<u>COMMON NAME</u>	<u>CPH</u>
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, BIG-EARED, VIRGINIA	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
LYNX	X
SNAKE, WATER-, KIRTLAND'S	X
DARTER, SAND, EASTERN	X

FT. RILEY

20027 clay ks

<u>COMMON NAME</u>	CPH
BAT, FREE-TAILED, BRAZILIAN	X
BEAR, (BROWN), GRIZZLY	X
FOX, SWIFT, SOUTHERN	X

20061 deary ks

<u>COMMON NAME</u>	CPH
BAT, FREE-TAILED, BRAZILIAN	X
BEAR, (BROWN), GRIZZLY	X

20161 riley ks

<u>COMMON NAME</u>	CPH
BAT, FREE-TAILED, BRAZILIAN	X
BEAR, (BROWN), GRIZZLY	X
ORCHID, WHITE-FRINGED, PRAIRIE	X

FT. LEAVENWORTH

20103 leavenworth ks

<u>COMMON NAME</u>	CPH
BAT, FREE-TAILED, BRAZILIAN	X
MILKWEED, MEAD'S	X
ORCHID, WHITE-FRINGED, PRAIRIE	XX

FT. KNOX

21029 bullitt ky

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, GRAY	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
SNAKE, WATER-, KIRTLAND'S	X
DARTER, SAND, EASTERN	X
AMPHIPOD, CAVE, PACKARD'S	X
CRAYFISH, LOUISVILLE	XX
GLADE CRESS,	XX

21093 hardin ky

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, GRAY	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
SNAKE, WATER-, KIRTLAND'S	X
DARTER, SAND, EASTERN	X
AMPHIPOD, CAVE, PACKARD'S	X

21163 meade ky

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, GRAY	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
SNAKE, WATER-, KIRTLAND'S	X
DARTER, SAND, EASTERN	X
AMPHIPOD, BOUSFIELD'S	XX
AMPHIPOD, CAVE, PACKARD'S	X

FT. CAMPHELL

21047 christian ky

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, GRAY	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
AMPHIPOD, CAVE, CENTRAL KENTUCKY	X

21221 tripp ky

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, GRAY	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
WOLF, RED	X
SNAIL, RIVER, ARMIGEROUS	X

47125 montgomery tn

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, GRAY	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
RIFFLE SHELL, TAN (MUSSEL, PEARLY, BROWN-BLOSSOM)	XX
AMPHIPOD, CAVE, CENTRAL KENTUCKY	X
BLADDERPOD, SHORT'S	X
POTATO-BEAN (GROUNDNUT), PRICE'S	X
AUREOLARIA PATULA	X

47161 stewart tn

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, GRAY	XX
BAT, INDIANA	XX
COUGAR, EASTERN	X
WOLF, RED	X
WOODPECKER, RED-COCKADED	X

FT. POLK

22069 natchitoches 1a

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
BEAR, BLACK, LOUISIANA	X
OCELOT	X
PANTHER, FLORIDA	XX
WOLF, RED	X
WOODPECKER, IVORY-BILLED	X
WOODPECKER, RED-COCKADED	XX
ALLIGATOR, AMERICAN	XX
SNAKE, PINE, LOUISIANA	XX
TURTLE, MAP, FALSE, SABINE	X

22085 sabine 1a

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
BEAR, BLACK, LOUISIANA	X
OCELOT	X
PANTHER, FLORIDA	X
WOLF, RED	X
WOODPECKER, IVORY-BILLED	X
ALLIGATOR, AMERICAN	XX
SNAKE, PINE, LOUISIANA	XX
TURTLE, MAP, FALSE, SABINE	X

22115 vernon 1a

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
BEAR, BLACK, LOUISIANA	X
OCELOT	X
PANTHER, FLORIDA	X
WOLF, RED	X
WOODPECKER, IVORY-BILLED	X
WOODPECKER, RED-COCKADED	XX
ALLIGATOR, AMERICAN	XX
SNAKE, PINE, LOUISIANA	XX
TURTLE, MAP, FALSE, SABINE	X

FT. DEVENS

25017 middlesex ma

COMMON NAME	CPH
COUGAR, EASTERN	X
LYNX	X
TURTLE, RED-BELLIED, PLYMOUTH	X
STURGEON, SHORTNOSE	X
BULRUSH, LONG'S	X

25027 worcester ma

COMMON NAME	CPH
RAT, INDIANA	XX
COUGAR, EASTERN	X
LYNX	X
STURGEON, SHORTNOSE	X

FT. MEADE

24003 anne arundel md

COMMON NAME	CPH
COUGAR, EASTERN	X
SHREW, PYGMY, WINNIE'S	X
EAGLE, BALD	X
STURGEON, SHORTNOSE	X
JOINT-VETCH, SENSITIVE	X
SWAMP-PINK,	X

24033 prince georges md

COMMON NAME	CPH
COUGAR, EASTERN	X
SHREW, PYGMY, WINNIE'S	XX
STURGEON, SHORTNOSE	X
JOINT-VETCH, SENSITIVE	X

FT. LEONARD WOOD

29105 leclede mo

COMMON NAME	CPH
BAT, BIG-EARED, OZARK	X
BAT, GRAY	XX
BAT, INDIANA	XX
WOLF, RED	X
DARTER, BLUESTRIPE	XX
AMPHIPOD, CAVE, ONONDAGA	X

29161 phelps mo

COMMON NAME	CPH
BAT, BIG-EARED, VIRGINIA	XX
BAT, GRAY	XX
BAT, INDIANA	XX
WOLF, RED	X
DARTER, BLUESTRIPE	XX
DARTER, CRYSTAL	X
MUSSEL, PEARLY, HIGGINS'S EYE	X
AMPHIPOD, CAVE, CENTRAL MISSOURI	XX
AMPHIPOD, CAVE, ONONDAGA	X

29169 pulaski mo

COMMON NAME	CPH
BAT, BIG-EARED, VIRGINIA	XX
BAT, GRAY	XX
BAT, INDIANA	XX
WOLF, RED	X
DARTER, BLUESTRIPE	XX
MUSSEL, PEARLY, SCALE	X
AMPHIPOD, CAVE, CENTRAL MISSOURI	XX
AMPHIPOD, CAVE, ONONDAGA	X

29215 texas mo

COMMON NAME	CPH
BAT, BIG-EARED, OZARK	X
BAT, GRAY	XX
BAT, INDIANA	XX
WOLF, RED	X
DARTER, BLUESTRIPE	XX
AMPHIPOD, CAVE, ONONDAGA	X
PLANTAIN, HEART-LEAVED	X

 |
 | FT. BRAGG
 |

37051 cumerland nc

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
COUGAR, EASTERN	X
WOODPECKER, RED-CKCKADED	XX
FROG, TREE-, PINE BARRENS, NJ+NC+SC	XX
STURGEON, SHORTNOSE	X
BUTTERFLY, HAIRSTREAK, HESSEL'S	XX

37093 hoke nc

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
COUGAR, EASTERN	X
WOODPECKER, RED-CKCKADED	XX
FROG, TREE-, PINE BARRENS, NJ+NC+SC	XX
STURGEON, SHORTNOSE	X
BUTTERFLY, HAIRSTREAK, HESSEL'S	XX
PIXIE-MOSS, WELL'S (SANDHILL)	XX

37125 moore nc

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
COUGAR, EASTERN	X
WOODPECKER, RED-CKCKADED	XX
FROG, TREE-, PINE BARRENS, NJ+NC+SC	XX
STURGEON, SHORTNOSE	X
BUTTERFLY, HAIRSTREAK, HESSEL'S	X

 |
 | FT. DIX
 |

34005 burlington nj

COMMON NAME	CPH
COUGAR, EASTERN	X
TURTLE, BOG	XX
FROG, TREE-, PINE BARRENS, NJ+NC+SC	XX
STURGEON, SHORTNOSE	X
BUTTERFLY, HAIRSTREAK, HESSEL'S	XX
BEAKED-RUSH, KNIESKERN'S	XX
BULRUSH, LONG'S	XX
GENTIAN, PINE BARREN	X
PLATANHERA INTEGRA / (NUTT.) GRAY EX BECK	X
SAND GRASS,	X

34029 ocean

nj

<u>COMMON NAME</u>	<u>CPH</u>
COUGAR, EASTERN	X
TURTLE, BOG	XX
FROG, TREE-, PINE BARRENS, NJ+NC+SC	XX
STURGEON, SHORTNOSE	X
BUTTERFLY, HAIRSTREAK, HESSEL'S	XX
PLATANHERA INTEGRA / (NUTT.) GRAY EX BECK	X

FT. DRUM

36045 jefferson

ny

<u>COMMON NAME</u>	<u>CPH</u>
COUGAR, EASTERN	X
LYNX	X
MARTEN, EASTERN	X
DARTER, SAND, EASTERN	X
BUTTERFLY, BLUE, KARNER	XX

36049 lewis

ny

<u>COMMON NAME</u>	<u>CPH</u>
COUGAR, EASTERN	X
LYNX	X
MARTEN, EASTERN	XX
DARTER, SAND, EASTERN	X

36089 st lawrence

ny

<u>COMMON NAME</u>	<u>CPH</u>
COUGAR, EASTERN	X
LYNX	X
MARTEN, EASTERN	XX
DARTER, SAND, EASTERN	X

 |
 | FT. HAMILTON
 |

36047 kings ny

COMMON NAME	CPH
LYNX	X
STURGEON, SHORINUSE	X
BUTTERFLY, BLUE, KANNER	X

 |
 | WEST POINT, NY
 |

36071 orange ny

COMMON NAME	CPH
BAT, INDIANA	XX
COUGAR, EASTERN	X
LYNX	X
TURTLE, HOG	XX
STURGEON, SHORINUSE	X
MOTH, CHESTNUT CLEARING	X
MONKSHOOD, WILD, NORTHERN	X

 |
 | FT. SILL
 |

40031 comanche ok

COMMON NAME	CPH
BAT, FREE-TAILED, BRAZILIAN	X
FERRET, BLACK-FOOTED	X
RAT, KANGAROO, TEXAS (LORING'S)	X
WOLF, RED	X
CRANE, WHOOPING	X
PHLUX,	XX

FT. INDIANTOWN GAP

42043 dauphin

pa

COMMON NAME	CPH
BAT, INDIANA	XX
COUGAR, EASTERN	X
LYNX	X
SQUIRREL, FOX, DELMARVA PENINSULA	X
TURTLE, BOG	XX
AMPHIPOD, CAVE, ALLEGHENY	X
AMPHIPOD, CAVE, PENNSYLVANIA	X
MOTH, CHESTNUT CLEARING	X

42075 lebanon

pa

COMMON NAME	CPH
BAT, INDIANA	XX
COUGAR, EASTERN	X
LYNX	X
SQUIRREL, FOX, DELMARVA PENINSULA	X
TURTLE, BOG	XX
STURGEON, SHORTNOSE	X
AMPHIPOD, CAVE, ALLEGHENY	X
AMPHIPOD, CAVE, PENNSYLVANIA	X

CARLISLE BARRACKS, PA

42041 cumberland

pa

COMMON NAME	CPH
BAT, INDIANA	XX
COUGAR, EASTERN	X
LYNX	X
TURTLE, BOG	XX
AMPHIPOD, CAVE, PENNSYLVANIA	X
MOTH, CHESTNUT CLEARING	X
SPURGE, WOLF'S MILK	XX

FT. JACKSON

45079 richland sc

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
BAT, FREE-TAILED, BRAZILIAN	X
COUGAR, EASTERN	X
KESTREL, AMERICAN, SOUTHEASTERN	X
WOODPECKER, IVORY-BILLED	X
WOODPECKER, RED-COCKADED	XX
ALLIGATOR, AMERICAN	XX
STURGEON, SHORTNOSE	X
SPONGE, CAROLINA	XX

FT. BLISS

35013 dona ana nm

COMMON NAME	CPH
BAT, FREE-TAILED, BRAZILIAN	X
BAT, FREE-TAILED, POCKETED	XX
BEAR, (BROWN), GRIZZLY	X
BEAVER, MEXICAN	X
FERRET, BLACK-FOOTED	X
JAGUAR	X
PRAIRIE-DOG, ARIZONA	XX
SNAKE, KING-, DESERT (SONORA)	X
TURTLE, BIG BEND	XX
BUTTERFLY, VICEROY, OBSOLETE (ARIZONA)	X
PINCUSHION CACTUS, SNEED	XX
MILK-VETCH, CASTETTER	X

35035 otero

nm

COMMON NAME

CPH

BAT, FREE-TAILED, BRAZILIAN
BEAR, (BROWN), GRIZZLY
BEAVER, MEXICAN
FERRET, BLACK-FOOTED
JAGUAR
PRAIRIE-DOG, ARIZONA
VOLE, MEXICAN, GUADALUPE MOUNTAIN
SNAKE, KING-, DESERT (SONORA)
SALAMANDER, SACRAMENTO, MOUNTAIN
HEDGEHOG CACTUS, KUENZLER
PRICKLY-POPPY,

X
X
X
X
X
XX
XX
X
XX
XX
XX
X

48141 el paso

tx

COMMON NAME

CPH

BAT, FREE-TAILED, BRAZILIAN
BAT, FREE-TAILED, POCKETED
BEAR, (BROWN), GRIZZLY
BEAVER, MEXICAN
FERRET, BLACK-FOOTED
PRAIRIE-DOG, ARIZONA
VOLE, MEXICAN, GUADALUPE MOUNTAIN
SNAKE, KING-, DESERT (SONORA)
CORYPHANTHA SCHEERI VAR. UNCINATA
PINCUSHION CACTUS, SNEED
SILENE PLANKII

X
XX
X
X
X
XX
XX
X
X
XX
X

48229 hudsonpeth

tx

COMMON NAME

CPH

BAT, FREE-TAILED, BRAZILIAN
BAT, FREE-TAILED, POCKETED
BEAR, (BROWN), GRIZZLY
BEAVER, MEXICAN
FERRET, BLACK-FOOTED
PRAIRIE-DOG, ARIZONA
RABBIT, COTTONTAIL, EASTERN, DAVIS MOUNTAIN
VOLE, MEXICAN, GUADALUPE MOUNTAIN
SNAKE, KING-, DESERT (SONORA)

X
XX
X
X
X
XX
XX
XX
X

FT. HOOD

48027 bell

tx

COMMON NAME

CPH

BAT, FREE-TAILED, BRAZILIAN

x

JAGUAR

x

OCELOT

x

WOLF, RED

x

CRANE, WHOOPING

x

WARBLER, (WOOD), GOLDEN-CHEEKED

xx

ALLIGATOR, AMERICAN

xx

AMPHIPOD, CAVE, BIFURCATED

xx

48099 corvett

tx

COMMON NAME

CPH

BAT, FREE-TAILED, BRAZILIAN

x

JAGUAR

x

OCELOT

x

WOLF, RED

x

CRANE, WHOOPING

x

WARBLER, (WOOD), GOLDEN-CHEEKED

xx

ALLIGATOR, AMERICAN

xx

AMPHIPOD, CAVE, BIFURCATED

xx

BUTTERFLY, SKIPPER, YUCCA, KENDALL'S

x

FT. SAM HOUSTON

48029 hexar

tx

<u>COMMON NAME</u>	<u>CPH</u>
BAT, FREE-TAILED, BRAZILIAN	X
JAGUAR	X
OCELOT	X
WOLF, RED	X
WARBLER, (WOOD), GOLDEN-CHEEKED	XX
ALLIGATOR, AMERICAN	XX
SNAKE, KING-, DESERT (SONORA)	X
TURTLE, TEXAS (BERLANDIER'S)	XX
TURTLE, MAP, CAGLE'S	XX
SALAMANDER, BLIND, COMAL (HONEY CREEK CAVE)	XX
BUTTERFLY, SKIPPER, YUCCA, KENDALL'S	X
BUTTERFLY, SKIPPER, MANFREDA, MACULATED	X

48091 comal

tx

<u>COMMON NAME</u>	<u>CPH</u>
BAT, FREE-TAILED, BRAZILIAN	X
JAGUAR	X
OCELOT	X
WOLF, RED	X
WARBLER, (WOOD), GOLDEN-CHEEKED	XX
ALLIGATOR, AMERICAN	XX
SNAKE, KING-, DESERT (SONORA)	X
TURTLE, MAP, CAGLE'S	XX
SALAMANDER, BLIND, COMAL (HONEY CREEK CAVE)	XX
DARTER, FOUNTAIN	XX
AMPHIPOD, CAVE, BIFURCATED	XX
AMPHIPOD, CAVE, LONG-LEGGED	XX
AMPHIPOD, CAVE, PECK'S	XX
BUTTERFLY, SKIPPER, YUCCA, KENDALL'S	X
SNAKEWOOD, COMAL	X

FT. A. P. HILL, VA

51033 caroline va

COMMON NAME	CPH
COUGAR, EASTERN	X
SHREW, PYGMY, WINNIE'S	X
STURGEON, SHORTNOSE	X

FT. STORY

51810 virginia beach city va

COMMON NAME	CPH
COUGAR, EASTERN	X
WOODPECKER, RED-COCKADED	XX
TURTLE, SEA, LOGGERHEAD	XX
STURGEON, SHORTNOSE	X

FT. PICKETT

51025 brunswick va

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
COUGAR, EASTERN	X
WOODPECKER, RED-COCKADED	X
BASS, ROANOKE	XX
STURGEON, SHORTNOSE	X

51053 dinwiddie va

COMMON NAME	CPH
BAT, BIG-EARED, RAFINESQUE'S	X
COUGAR, EASTERN	X
LOGPERCH, ROANOKE	XX
STURGEON, SHORTNOSE	X

51135 nottoway

va

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S

COUGAR, EASTERN

STURGEON, SHORTNOSE

CPH

X

X

X

FT. LEE

51041 chesterfield

va

COMMON NAME

COUGAR, EASTERN

STURGEON, SHORTNOSE

CPH

X

X

51053 dinwiddie

va

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S

COUGAR, EASTERN

LOGGERHEAD, ROANOKE

STURGEON, SHORTNOSE

CPH

X

X

XX

X

51087 henrico

va

COMMON NAME

COUGAR, EASTERN

STURGEON, SHORTNOSE

SWAMP-PINK,

CPH

X

X

X

51149 prince george

va

COMMON NAME

BAT, BIG-EARED, RAFINESQUE'S

COUGAR, EASTERN

WOODPECKER, RED-COCKADED

STURGEON, SHORTNOSE

JOINT-VETCH, SENSITIVE

CPH

X

X

X

X

X

FT. FUSTIS, VA

51700 newport news city va

COMMON NAME	CPH
COUGAR, EASTERN	X
STURGEON, SHORTNOSE	X

51095 James city va

COMMON NAME	CPH
COUGAR, EASTERN	X
EAGLE, BALD	X
STURGEON, SHORTNOSE	X
AMPHIPOD, INTERSTITIAL, TIDEWATER	XX
JOINT-VETCH, SENSITIVE	X
POGONIA, SMALL WHORLED	X

51199 york va

COMMON NAME	CPH
COUGAR, EASTERN	X
EAGLE, BALD	X
STURGEON, SHORTNOSE	X
AMPHIPOD, INTERSTITIAL, TIDEWATER	XX

FT. BELVOIR

51059 fairfax va

COMMON NAME	CPH
COUGAR, EASTERN	X
SHREW, PYGMY, WINNIE'S	X
EAGLE, BALD	X
STURGEON, SHORTNOSE	X
AMPHIPOD, PIZZINI'S	XX
MOTH, CHESTNUT CLEARING	X
MOTH, LEAF-MINER, TRUMPET	X
PLANARIAN, GROUNDWATER, HOLSTINGER'S	XX
PLANARIAN, GROUNDWATER, BIGGER'S	XX

FT. MONROE

51650 hampton city va

<u>COMMON NAME</u>	<u>CPH</u>
COUGAR, EASTERN	X
STURGEON, SHORTNOSE	X

51700 newport news city va

<u>COMMON NAME</u>	<u>CPH</u>
COUGAR, EASTERN	X
STURGEON, SHORTNOSE	X

51199 york va

<u>COMMON NAME</u>	<u>CPH</u>
COUGAR, EASTERN	X
EAGLE, BALD	X
STURGEON, SHORTNOSE	X
AMPHIPOD, INTERSTITIAL, TIDEWATER	XX

YAKIMA FIRING RANGE, WA

53025 grant wa

<u>COMMON NAME</u>	<u>CPH</u>
BEAR, (BROWN), GRIZZLY	X
BISON, WOOD	X
LYNX	X
LIMPET, COLUMBIA RIVER, GIANT	XX
MILK-VETCH, WHITED	XX

53037 kittitas wa

<u>COMMON NAME</u>	<u>CPH</u>
BEAR, (BROWN), GRIZZLY	X
LYNX	X
LIMPET, COLUMBIA RIVER, GIANT	X
MILK-VETCH, WHITED	XX
LARKSPUR, WENATCHEE	XX

53077 yakima wa

<u>COMMON NAME</u>	<u>CPH</u>
BEAR, (BROWN), GRIZZLY	X
LYNX	X
EAGLE, BALD	X
LIMPET, COLUMBIA RIVER, GIANT	X
MILK-VETCH, COLUMBIA	X

FT. LEWIS

53053 pierce

wa

COMMON NAME

CPH

BEAR, (BROWN), GRIZZLY

X

DEER, WHITE-TAILED, COLUMBIAN

X

LYNX

X

EAGLE, BALD

X

PELICAN, BROWN

X

53067 thurston

wa

COMMON NAME

CPH

BEAR, (BROWN), GRIZZLY

X

DEER, WHITE-TAILED, COLUMBIAN

X

LYNX

X

PELICAN, BROWN

X

FT. MCCOY

55053 Jackson

wi

COMMON NAME

CPH

LYNX

X

MARTEN, EASTERN

X

55081 monroe

wi

COMMON NAME

CPH

LYNX

X

MARTEN, EASTERN

X

BUTTERFLY, SKIPPER, DAKOTA

X

**APPENDIX B:
INSTALLATIONS BY ENDANGERED
SPECIES**

FROG, CRAWFISH, FLORIDA FT. BENNING	AMPHIBIANS UNDETERMINED
FROG, TREE-, PINE BARRENS, NJ+NC+SC FT. GORDON FT. DIX	AMPHIBIANS CANDIDATE FT. BRAGG
SALAMANDER, BLIND, COMAL (HONEY CREEK CAVE) FT. SAM HOUSTON	AMPHIBIANS CANDIDATE
SALAMANDER, LONG-TOED, SANTA CRUZ FT. ORD	AMPHIBIANS ENDANGERED
SALAMANDER, SACRAMENTO, MOUNTAIN FT. BLISS	AMPHIBIANS UNDETERMINED
AKIALOA, KAUAI (HONEYCREEPER) SCHOFIELD BARRACKS,	BIRDS ENDANGERED
CONDOR, CALIFORNIA FT. ORD	BIRDS ENDANGERED
COOT, HAWAIIAN SCHOFIELD BARRACKS,	BIRDS ENDANGERED
CRANE, WHOOPING FT. SILL FT. HOOD	BIRDS ENDANGERED
CUCKOO, YELLOW-BILLED, CALIFORNIA FT. IRWIN FT. ORD	BIRDS CANDIDATE
DUCK, HAWAIIAN (KOLOA) SCHOFIELD BARRACKS,	BIRDS ENDANGERED
EAGLE, BALD FT. MEADE FT. BELVOIR	BIRDS BOTH E+T YAKIMA FIRING RANGE,
FALCON, PEREGRINE, AMERICAN FT. CARSON	BIRDS ENDANGERED
GALLINULE, HAWAIIAN SCHOFIELD BARRACKS,	BIRDS ENDANGERED
KESTREL, AMERICAN, SOUTHEASTERN FT. RUCKER FT. GORDON HUNTER ARMY AIRFIELD FT. BENNING	BIRDS CANDIDATE FT. STEWART FT. JACKSON
NOKUPUU (HONEYCREEPER) SCHOFIELD BARRACKS,	BIRDS ENDANGERED
OU, KAUAI (OO AA) (HONEYEATER) SCHOFIELD BARRACKS,	BIRDS ENDANGERED
OU (HONEYCREEPER) SCHOFIELD BARRACKS,	BIRDS ENDANGERED
PELICAN, BROWN PRESIDIO OF SAN FRAN FT. ORD FT. STEWART HUNTER ARMY AIRFIELD FT. LEWIS	BIRDS ENDANGERED FT. GORDON
PETREL, HAWAIIAN, DARK-RUMPED SCHOFIELD BARRACKS,	BIRDS ENDANGERED
RAIL, BLACK, CALIFORNIA PRESIDIO OF SAN FRAN	BIRDS CANDIDATE

RAIL, CLAPPER, CALIFORNIA	BIRDS	ENDANGERED
PRESIDIO OF SAN FRAN FT. ORD		
RAIL, CLAPPER, YUMA	BIRDS	ENDANGERED
FT. IRWIN		
SHEARWATER, MANX, NEWELL'S	BIRDS	THREATENED
SCHOFIELD BARRACKS,		
STILT, HAWAIIAN (BLACK-NECKED)	BIRDS	ENDANGERED
SCHOFIELD BARRACKS,		
STORK, WOOD	BIRDS	CANDIDATE
FT. GORDON	HUNTER ARMY AIRFIELD	
FT. STEWART		
TERN, LEAST, CALIFORNIA	BIRDS	ENDANGERED
PRESIDIO OF SAN FRAN FT. ORD		
THRUSH, KAUAI, LARGE (PUAIOHI)	BIRDS	ENDANGERED
SCHOFIELD BARRACKS,		
THRUSH, KAUAI, SMALL	BIRDS	ENDANGERED
SCHOFIELD BARRACKS,		
TOWHEE, BROWN, INYO	BIRDS	CANDIDATE
FT. IRWIN		
VIROO, BELL'S, CALIFORNIA	BIRDS	CANDIDATE
FT. IRWIN		
WARBLER, (WOOD), GOLDEN-CHEEKED	BIRDS	CANDIDATE
FT. HOOD		
FT. SAM HOUSTON		
WOODPECKER, IVORY-BILLED	BIRDS	ENDANGERED
FT. RUCKER		
FT. STEWART	FT. CHAFFEE	FT. GORDON
FT. JACKSON	HUNTER ARMY AIRFIELD	FT. POLK
WOODPECKER, RED-COCKADED		
FT. MCCLELLAN	BIRDS	ENDANGERED
FT. STEWART		
FT. CAMPBELL	FT. MCPHERSON	FT. GORDON
FT. JACKSON	HUNTER ARMY AIRFIELD	FT. BENNING
FT. LEE	FT. POLK	FT. BRAGG
	FT. STORY	FT. PICKETT
	FT. MONROE	
AMPHIPOD, BOUSFIELD'S		CRUSTACEAN CANDIDATE
FT. WINN		
AMPHIPOD, CAVE, ALLEGHENY		CRUSTACEAN CANDIDATE
FT. INDIANTOWN GAP		
AMPHIPOD, CAVE, BIFURCATED		CRUSTACEAN CANDIDATE
FT. HOOD		
FT. SAM HOUSTON		
AMPHIPOD, CAVE, CENTRAL KENTUCKY		CRUSTACEAN CANDIDATE
FT. CAMPBELL		
AMPHIPOD, CAVE, CENTRAL MISSOURI		CRUSTACEAN CANDIDATE
FT. LEONARD WOOD		
AMPHIPOD, CAVE, KAUAI ('UKU NOHO ANA)		CRUSTACEAN CANDIDATE
SCHOFIELD BARRACKS,		
AMPHIPOD, CAVE, LONG-LEGGED		CRUSTACEAN CANDIDATE
FT. SAM HOUSTON		
AMPHIPOD, CAVE, ONONDAGA		CRUSTACEAN CANDIDATE
FT. LEONARD WOOD		

AMPHIPOD, CAVE, PACKARD'S FT. KNOX		CRUSTACEAN CANDIDATE
AMPHIPOD, CAVE, PECK'S FT. SAM HOUSTON		CRUSTACEAN CANDIDATE
AMPHIPOD, CAVE, PENNSYLVANIA FT. INDIANTOWN GAP	CARLISLE HARRACKS, P	CRUSTACEAN CANDIDATE
AMPHIPOD, PIZZINI'S FT. BELVOIR		CRUSTACEAN CANDIDATE
CRAYFISH, LOUISVILLE FT. KNOX		CRUSTACEAN CANDIDATE
BASS, ROANOKE FT. PICKETT		FISH CANDIDATE
CHUB, BONYTAIL FT. IRWIN		FISH ENDANGERED
CHUB, MOHAVE FT. IRWIN		FISH ENDANGERED
CISCO, LONGJAW FT. SHERIDAN		FISH ENDANGERED
DARTER, BLUESTRIPE FT. LEONARD WOOD		FISH UNDETERMINED
DARTER, COLDWATER FT. MCCLELLAN		FISH CANDIDATE
DARTER, CRYSTAL FT. LEONARD WOOD		FISH CANDIDATE
DARTER, FOUNTAIN FT. SAM HOUSTON		FISH ENDANGERED
DARTER, SAND, EASTERN FT. BENJAMIN HARRISO	FT. KNOX	FISH CANDIDATE FT. DRUM
LOGPERCH, ROANOKE FT. PICKETT	FT. LEE	FISH CANDIDATE
SCULPIN, PYGMY FT. MCCLELLAN		FISH CANDIDATE
SHINER, BLUESTRIPE FT. MCPHERSON	FT. BENNING	FISH CANDIDATE CAMP MERRILL, GA
SQUAWFISH, COLORADO RIVER FT. IRWIN		FISH ENDANGERED
STURGEON, SHORTNOSE FT. GORDON	FT. STEWART	FISH ENDANGERED
FT. MEADE	FT. DEVENS	HUNTER ARMY AIRFIELD
FT. HAMILTON	WEST POINT, NY	FT. DIX
FT. INDIANTOWN GAP	FT. JACKSON	FT. BRAGG
FT. STORY	FT. PICKETT	FT. A. P. HILL, VA
FT. EUSTIS, VA	FT. BELVOIR	FT. LEE
		FT. MONROE
SUCKER, PAZORBACK FT. IRWIN		FISH CANDIDATE
TROUT, CUTTHROAT, GREENBACK FT. CARSON		FISH THREATENED
WOUNDFIN FT. IRWIN		FISH ENDANGERED

BEETLE, DUNE, GLOBOSE PRESIDIO OF SAN FRAN	FT. ORD	INSECTS	PROPOSED
BUTTERFLY, BLUE, KARNER FT. SHERIDAN	FT. HAMILTON	INSECTS	CANDIDATE
		FT. DRUM	
BUTTERFLY, BLUE, MISSION PRESIDIO OF SAN FRAN		INSECTS	ENDANGERED
BUTTERFLY, BLUE, PHERES PRESIDIO OF SAN FRAN		INSECTS	CANDIDATE
BUTTERFLY, BLUE, SMITH'S FT. ORD		INSECTS	ENDANGERED
BUTTERFLY, ELFIN, DOUDOROFF'S FT. ORD		INSECTS	CANDIDATE
BUTTERFLY, FRITILLARY, CLEMENCE'S FT. ORD		INSECTS	CANDIDATE
BUTTERFLY, HAIRSTREAK, HAWAIIAN SCHOFIELD BARRACKS,		INSECTS	CANDIDATE
BUTTERFLY, HAIRSTREAK, HESSEL'S FT. DIX	FT. BRAGG	INSECTS	CANDIDATE
		FT. MONROE	
BUTTERFLY, MARBLE, ANDREWS' FT. IRWIN		INSECTS	CANDIDATE
BUTTERFLY, SILVERSPOT, CALLIPPE PRESIDIO OF SAN FRAN		INSECTS	CANDIDATE
BUTTERFLY, SKIPPER, DAKOTA FT. SHERIDAN	FT. MCCOY	INSECTS	CANDIDATE
BUTTERFLY, SKIPPER, MANFREDA, MACULATED FT. SAM HOUSTON		INSECTS	CANDIDATE
BUTTERFLY, SKIPPER, RARE FT. STEWART	HUNTER ARMY AIRFIELD	INSECTS	CANDIDATE
BUTTERFLY, SKIPPER, YUCCA, KENDALL'S FT. HOOD	FT. SAM HOUSTON	INSECTS	CANDIDATE
BUTTERFLY, VICEROY, OBSOLETE (ARIZONA) FT. BLISS		INSECTS	CANDIDATE
GLARETIS ARENATA FT. IRWIN		INSECTS	CANDIDATE
MILODERES KELSOENSIS FT. IRWIN		INSECTS	CANDIDATE
MOTH, CHESTNUT CLEARING WEST POINT, NY	FT. INDIANTOWN GAP	INSECTS	CANDIDATE
		CARLISLE BARRACKS, P	
FT. BELVOIR			
MOTH, LEAF-MINER, TRUMPET FT. BELVOIR		INSECTS	CANDIDATE
MOTH, SAN FRANCISCO TREE LUPINE PRESIDIO OF SAN FRAN		INSECTS	CANDIDATE
TRIGONOSCUA BRUNNOTESSELATUS FT. IRWIN		INSECTS	CANDIDATE
TRIGONOSCUA KELSOENSIS FT. IRWIN		INSECTS	CANDIDATE

BAT, BIG-EARED, OZARK		MAMMALS	ENDANGERED
FT. CHAFFEE	FT. LEONARD WOOD		
BAT, BIG-EARED, RAFFINESQUE'S		MAMMALS	CANDIDATE
FT. MCCLELLAN	FT. RUCKER	FT. CHAFFEE	
FT. MCPHERSON	FT. GORDON	FT. STEWART	
HUNTER ARMY AIRFIELD	FT. BENNING	CAMP MERRILL, GA	
FT. BENJAMIN HARRISO	FT. KNOX	FT. CAMPBELL	
FT. POLK	FT. BRAGG	FT. JACKSON	
FT. PICKETT	FT. LEE		
BAT, BIG-EARED, VIRGINIA		MAMMALS	ENDANGERED
FT. BENJAMIN HARRISO	FT. LEONARD WOOD		
BAT, CAVE,		MAMMALS	CANDIDATE
FT. IRWIN			
BAT, FREE-TAILED, BRAZILIAN		MAMMALS	CANDIDATE
FT. MCCLELLAN	FT. RUCKER	FT. IRWIN	
PRESIDIO OF SAN FRAN	FT. ORD	FT. CARSON	
FT. MCPHERSON	FT. GORDON	FT. STEWART	
HUNTER ARMY AIRFIELD	FT. BENNING	CAMP MERRILL, GA	
FT. RILEY	FT. LEAVENWORTH	FT. POLK	
FT. BLISS	FT. SILL	FT. JACKSON	
FT. HOOD	FT. SAM HOUSTON		
BAT, FREE-TAILED, POCKETED		MAMMALS	CANDIDATE
FT. IRWIN	FT. BLISS		
BAT, GRAY		MAMMALS	ENDANGERED
FT. MCCLELLAN	FT. BENNING	FT. KNOX	
FT. CAMPBELL	FT. LEONARD WOOD		
BAT, HOARY, HAWAIIAN		MAMMALS	ENDANGERED
SCHOFIELD BARRACKS,			
BAT, INDIANA		MAMMALS	ENDANGERED
FT. MCCLELLAN	FT. RUCKER	FT. MCPHERSON	
FT. BENNING	CAMP MERRILL, GA	FT. SHERIDAN	
FT. BENJAMIN HARRISO	FT. KNOX	FT. CAMPBELL	
FT. DEVENS	FT. LEONARD WOOD	WEST POINT, NY	
FT. INDIANTOWN GAP	CARLISLE BARRACKS, P		
BEAR, (BROWN), GRIZZLY		MAMMALS	THREATENED
FT. IRWIN	PRESIDIO OF SAN FRAN	FT. ORD	
FT. CARSON	FT. RILEY	FT. BLISS	
YAKIMA FIRING RANGE,	FT. LEWIS		
BEAR, BLACK, FLORIDA		MAMMALS	CANDIDATE
FT. RUCKER			
BEAR, BLACK, LOUISIANA		MAMMALS	CANDIDATE
FT. POLK			
BEAVER, MEXICAN		MAMMALS	CANDIDATE
FT. BLISS			
RISON, WOOD		MAMMALS	ENDANGERED
FT. CARSON	YAKIMA FIRING RANGE,		

COUGAR, EASTERN		MAMMALS	ENDANGERED
FT. BENJAMIN HARRISON	FT. KNOX	FT. CAMPBELL	
FT. MEADE	FT. DEVENS	FT. DIX	
FT. DRUM	WEST POINT, NY	FT. BRAGG	
FT. INDIANTOWN GAP	CARLISLE BARRACKS, P	FT. JACKSON	
FT. A. P. HILL, VA	FT. STORY	FT. PICKETT	
FT. LEE	FT. EUSTIS, VA	FT. BELVOIR	
FT. MONROE			
DEER, WHITE-TAILED, COLUMBIAN		MAMMALS	ENDANGERED
FT. LEWIS			
FERRET, BLACK-FOOTED		MAMMALS	ENDANGERED
FT. CARSON	FT. BLISS	FT. SILL	
FOX, KIT, SAN JOAQUIN		MAMMALS	ENDANGERED
FT. ORD			
FOX, SWIFT, SOUTHERN		MAMMALS	CANDIDATE
FT. CARSON	FT. RILEY		
GOPHER, POCKET, SHERMAN'S		MAMMALS	CANDIDATE
FT. STEWART	HUNTER ARMY AIRFIELD		
JAGUAR		MAMMALS	ENDANGERED
FT. IRWIN	FT. BLISS	FT. HOOD	
FT. SAM HOUSTON			
LEMMING, BOG, SOUTHERN		MAMMALS	CANDIDATE
FT. MONROE			
LYNX		MAMMALS	CANDIDATE
FT. CARSON	FT. SHERIDAN	FT. BENJAMIN HARRISON	
FT. DEVENS	FT. HAMILTON	FT. DRUM	
WEST POINT, NY	FT. INDIANTOWN GAP	CARLISLE BARRACKS, P	
YAKIMA FIRING RANGE,	FT. LEWIS	FT. MCCOY	
MANATEE, WEST INDIAN (FLORIDA)		MAMMALS	ENDANGERED
FT. GORDON	FT. STEWART	HUNTER ARMY AIRFIELD	
MARTEN, EASTERN		MAMMALS	CANDIDATE
FT. SHEPIDAN	FT. DRUM	FT. MCCOY	
MINK, FLORIDA		MAMMALS	CANDIDATE
FT. GORDON	FT. STEWART	HUNTER ARMY AIRFIELD	
OCELOT		MAMMALS	ENDANGERED
FT. POLK	FT. HOOD	FT. SAM HOUSTON	
OTTER, SEA, SOUTHERN		MAMMALS	THREATENED
PRESIDIO OF SAN FRAN	FT. ORD		
PANTHER, FLORIDA		MAMMALS	ENDANGERED
FT. MCCLELLAN	FT. RUCKER	FT. CHAFFEE	
FT. MCPHERSON	FT. GORDON	FT. STEWART	
HUNTER ARMY AIRFIELD	FT. BENNING	CAMP MERRILL, GA	
FT. POLK			
PRAIRIE-DOG, ARIZONA		MAMMALS	CANDIDATE
FT. BLISS			

PUMA, YUMA FT. IRWIN	MAMMALS	CANDIDATE
RABBIT, COTTONTAIL, EASTERN, DAVIS MOUNTAIN FT. BLISS	MAMMALS	CANDIDATE
RAT, KANGAROO, BIG-EARED FT. ORD	MAMMALS	CANDIDATE
RAT, KANGAROO, STEPHENS' FT. IRWIN	MAMMALS	CANDIDATE
RAT, KANGAROO, TEXAS (LORING'S) FT. SILL	MAMMALS	CANDIDATE
SEAL, MONK, HAWAIIAN SCHOFIELD BARRACKS,	MAMMALS	ENDANGERED
SHREW, PYGMY, WINNIE'S FT. MEADE	MAMMALS	CANDIDATE
	FT. A. P. HILL, VA	FT. BELVOIR
SHREW, SHORT-TAILED, SWAMP FT. MONROE	MAMMALS	CANDIDATE
SHREW, SOUTHEASTERN, DISMAL SWAMP FT. MONROE	MAMMALS	CANDIDATE
SQUIRREL, FOX, DELMARVA PENINSULA FT. INDIANTOWN GAP	MAMMALS	ENDANGERED
SQUIRREL, GROUND, MOHAVE FT. IRWIN	MAMMALS	CANDIDATE
VOLE, MEADOW, DISMAL SWAMP FT. MONROE	MAMMALS	CANDIDATE
VOLE, MEXICAN, GUADALUPE MOUNTAIN FT. BLISS	MAMMALS	CANDIDATE
VOLF, RED FT. MCCLELLAN	MAMMALS	ENDANGERED
FT. MCPHERSON	FT. RUCKER	FT. CHAFFEE
HUNTER ARMY AIRFIELD	FT. GORDON	FT. STEWART
FT. BENJAMIN HARRISON	FT. BENNING	CAMP MERRILL, GA
FT. LEONARD WOOD	FT. CAMPBELL	FT. POLK
FT. SAM HOUSTON	FT. SILL	FT. HOOD
'AIEA, SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
'OHAI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
ACHYRANTHES MUTICA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
ALANI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
ALULA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
AMOLE, PURPLE FT. ORD	PLANTS	CANDIDATE
ANAUNAU SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
ANGLEPOD, FT. RUCKER	PLANTS	CANDIDATE

ASTER, HAWAIIAN SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
ASTER, LAGUNA FT. IRWIN	PLANTS	CANDIDATE
ASTRAGALUS TENNESSEENSIS /GRAY FT. SHERIDAN	PLANTS	CANDIDATE
AUPAKA, SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
AUREOLARIA PATULA FT. CAMPBELL	PLANTS	CANDIDATE
BAFRIA, SALINAS VALLEY FT. ORD	PLANTS	UNDETERMINED
BARBERRY, NEVIN'S FT. IRWIN	PLANTS	CANDIDATE
BEAKED-RUSH, KNIESKERN'S FT. DIX	PLANTS	UNDETERMINED
BEARDTONGUE, DEGENER FT. CARSON	PLANTS	UNDETERMINED
BEDSTRAW, FT. ORD	PLANTS	UNDETERMINED
BEDSTRAW, HARDHAM'S FT. ORD	PLANTS	UNDETERMINED
BEDSTRAW, KINGSTON FT. IRWIN	PLANTS	CANDIDATE
BENITDA FT. ORD	PLANTS	CANDIDATE
BIDENS, ROBUST SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
BIRD'S-BEAK, SEASIDE FT. ORD	PLANTS	CANDIDATE
BIRD'S-BEAK, TECOPA FT. IRWIN	PLANTS	UNDETERMINED
BLADDERPOD, FT. IRWIN	PLANTS	CANDIDATE
BLADDERPOD, SHORT'S FT. CAMPBELL	PLANTS	UNDETERMINED
BLUE GRASS, HAWAIIAN SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
BLUE GRASS, MANN'S SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
BLUE GRASS, SAN BERNADINO FT. IRWIN	PLANTS	CANDIDATE
BRICKELLIA, KNAPP'S FT. IRWIN	PLANTS	UNDETERMINED
BRODIAEA, THREAD-LEAVED FT. IRWIN	PLANTS	CANDIDATE
BRUSH BUCKWHEAT, JOHNSTON'S FT. IRWIN	PLANTS	CANDIDATE
BUCKTHORN, FT. STEWART	PLANTS	CANDIDATE

BULRUSH, LONG'S FT. DEVENS	FT. DIX	PLANTS	UNDETERMINED
BUSH-MALLOW, ABBOTT'S FT. ORD		PLANTS	CANDIDATE
BUSH-MALLOW, ARROYO SECO FT. ORD		PLANTS	CANDIDATE
BUSH-MALLOW, CARMEL VALLEY FT. ORD		PLANTS	CANDIDATE
BUSH-MALLOW, PARISH'S FT. IRWIN		PLANTS	UNDETERMINED
BUTTERWEED, SAN BERNARDINO FT. IRWIN		PLANTS	CANDIDATE
CALAMINTHA DENTATUM FT. STEWART		PLANTS	UNDETERMINED
CAREX PALTZELLII /CHAPMAN FT. RUCKER		PLANTS	UNDETERMINED
CEANOTHUS, MONTERREY FT. ORD		PLANTS	UNDETERMINED
CHEIRODENDRON HELLERI VAR. HELLERI SCHOFIELD BARRACKS,		PLANTS	UNDETERMINED
CHEIRODENDRON HELLERI VAR. MICROCARPUM SCHOFIELD BARRACKS,		PLANTS	UNDETERMINED
CHEIRODENDRON HELLERI VAR. SODALIMUM SCHOFIELD BARRACKS,		PLANTS	UNDETERMINED
CHORIZANTHE, SAN FERNANDO VALLEY FT. ORD		PLANTS	UNDETERMINED
CINQUEFOIL, HICKMAN'S FT. ORD		PLANTS	CANDIDATE
CINQUEFOIL, KINGSTON MOUNTAINS FT. IRWIN		PLANTS	UNDETERMINED
CLARKIA, PRESIDIO PRESIDIO OF SAN FRAN		PLANTS	CANDIDATE
CLOVER, MONTERREY FT. ORD		PLANTS	CANDIDATE
CLOVER, PACIFIC GROVE FT. ORD		PLANTS	CANDIDATE
COCCULUS VIRGATUS SCHOFIELD BARRACKS,		PLANTS	UNDETERMINED
COLLINSIA ANTONINA /HARDHAM FT. ORD		PLANTS	UNDETERMINED
CORYPHANTHA SCHEERI VAR. UNCINATA FT. BLISS		PLANTS	CANDIDATE
CYANEA CHOCKII SCHOFIELD BARRACKS,		PLANTS	CANDIDATE
CYANEA LINEARIFOLIA SCHOFIELD BARRACKS,		PLANTS	CANDIDATE
CYANEA, GIANT KOKE'E SCHOFIELD BARRACKS,		PLANTS	CANDIDATE
CYMOPTERUS, DESERT FT. IRWIN		PLANTS	CANDIDATE

CYPRESS, GOWEN FT. ORD	PLANTS	UNDETERMINED
CYPRESS, MONTERREY FT. ORD	PLANTS	UNDETERMINED
CYRTANDRA GLAUCA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
CYRTANDRA LONGIFOLIA VAR. LONGIFOLIA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
CYRTANDRA MALACOPHYLLA VAR. MALACOPHYLLA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
CYRTANDRA DENDRABEA /MANN SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
CYRTANDRA PALUDOSA VAR. HAUPUENSIS SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
DAISY, PARISH'S FT. IRWIN	PLANTS	CANDIDATE
DANDELION, CALIFORNIA FT. IRWIN	PLANTS	CANDIDATE
DELISSEA RHYTIDOSPERMA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
DELISSEA RIVULARIS / (ROCK) E. WIMMER SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
DELISSEA UNDULATA /GAUD. SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
DELPHINIUM, HUTCHINSON'S FT. ORD	PLANTS	CANDIDATE
DISSANTHELIUM, CALIFORNIA FT. ORD	PLANTS	CANDIDATE
DRACA AFRICA FT. MCPHERSON FT. GORDON	PLANTS	CANDIDATE
DUBAUTIA LAEVIGATA VAR. PARVIFOLIA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
DUBAUTIA MAGNIFOLIA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
DUBAUTIA MICROCEPHALA /SKOTTSH. SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
DUBAUTIA WAIALEALAE VAR. MEGAPHYLLA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
DUDLEYA SAXOSA SSP. SAXOSA FT. IRWIN	PLANTS	CANDIDATE
DWARF-FLAX, MARIN PRESIDIO DE SAN FRAN	PLANTS	CANDIDATE
EPEROMIA HELLERI VAR. KNUDSENII SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
ERIGERON MULLENII /SPUNGERG FT. RICHARDSON 172D INF REG, AK	PLANTS	UNDETERMINED
ETRAPLASANDRA MEIANDRA VAR. DEGENERI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
EUPHORBIA ATROCOCCA /HELLER SCHOFIELD BARRACKS,	PLANTS	CANDIDATE

EUPHORBIA CELASTROIDES VAR. KEALIANA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
EUPHORBIA CELASTROIDES VAR. NEMATOPODA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
EUPHORBIA CELASTROIDES VAR. STOKESII SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
EUPHORBIA HAELEELEANA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
EUPHORBIA HALEMANUI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
EUPHORBIA MULTIFORMIS VAR. SPARSIFLORA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
EUPHORBIA REMYI /GRAY SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
EURYA SANDWICENSIS VAR. GRANDIFOLIA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
FERN, PENDANT KIH SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
FISHHOOK CACTUS, MOHAVE FT. IRWIN	PLANTS	CANDIDATE
FORSELLESIA PUNGENS VAR. GLARRA FT. IRWIN	PLANTS	UNDETERMINED
FRANKLIN TREE FT. GORDON	PLANTS	CANDIDATE
FRITILLARIA LILIACEA PRESIDIO OF SAN FRAN FT. ORD	PLANTS	CANDIDATE
FRITILLARIA VIRIDEA FT. ORD	PLANTS	UNDETERMINED
GENTIAN, PINE BARREN FT. DIX	PLANTS	UNDETERMINED
GLADE CRESS, FT. KNOX	PLANTS	CANDIDATE
GOLDENWEED, FT. CARSON	PLANTS	UNDETERMINED
GOLDENWEED, EASTWOOD'S FT. ORD	PLANTS	CANDIDATE
GRASS, BOTTLEBRUSH, CALIFORNIA FT. ORD	PLANTS	UNDETERMINED
HAO SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
HAPLOSTACHYS HAPLOSTACHYA VAR. LEPTOSTACHYA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
HAU KUAHIWI, KAUAI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
HAU (EXOCARPUS, LEAFY) SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
HEDGEHOG CACTUS, KUENZLER FT. BLISS	PLANTS	ENDANGERED
HEDYOTIS ELATIOR VAR. ELATIOR SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED

HEDYOTIS FLUVIATILIS VAR. KAUAIENSIS SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
HEDYOTIS GLAUCIFOLIA VAR. HELLERI SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
HEDYOTIS LITTORALIS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
HEDYOTIS, NA PALI BEACH SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
MELIANTHELLA, DIABLO PRESIDIO OF SAN FRAN	PLANTS	CANDIDATE
HESPEROMANNIA, KAUAI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
HIBISCUS NEWHOUSEI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
HIBISCUS SAINT-JOHNIANUS SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
HIBISCUS, CLAY'S SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
HORKELIA WILDERAE FT. IRWIN	PLANTS	CANDIDATE
HORSE-NETTLE, FT. BENNING	PLANTS	CANDIDATE
ILIAU, DWARF SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
INDIAN PAINTBRUSH, ASH GREY FT. IRWIN	PLANTS	UNDETERMINED
IVESIA, SILVER-HAIRED FT. IRWIN	PLANTS	UNDETERMINED
JACK-HEAN, SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
JOINT-VETCH, SENSITIVE FT. MEADE	PLANTS	UNDETERMINED
KAMAKAHALA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
KNOTWEED, MONTEREY FT. ORD	PLANTS	CANDIDATE
KO'OKO'OLAU SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
KOKI'O, KAUAI SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
LABORDIA KAALAE VAR. KAUAIENSIS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
LABORDIA LYDGATEI SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
LABORDIA TINIFOLIA VAR. MICROGYNA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
LABORDIA WAWRANA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
LARKSPUR, WENATCHEE YAKIMA FIRING RANGE,	PLANTS	CANDIDATE

LEPTODACTYLON JAEGERI FT. IRWIN	PLANTS	UNDETERMINED
LILI-WAI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
LINANTHUS, SAN BERNARDINO MT., LITTLE FT. IRWIN	PLANTS	CANDIDATE
LIPUCHAETA MICRANTHA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
LIVEFOREVER, MANY-STEMMED FT. IRWIN	PLANTS	CANDIDATE
LO'ULU SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
LOBELIA TORTUOSA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
LOCOWEED, COASTAL DUNES FT. ORD	PLANTS	CANDIDATE
LOCOWEED, COOLGARDIE FT. IRWIN	PLANTS	CANDIDATE
LUPINE, SANTA LUCIA FT. ORD	PLANTS	UNDETERMINED
LUPINE, TIDESTRUM FT. ORD	PLANTS	CANDIDATE
LYSIMACHIA FILIFOLIA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
LYSIMACHIA KALALAUENSIS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
MA'OLI'OLI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
MA'OLDA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
MAHOE, SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
MALACOTHRIX, CARMEL VALLEY FT. ORD	PLANTS	CANDIDATE
MANZANITA, ARROYO DE LA CRUZ FT. ORD	PLANTS	UNDETERMINED
MANZANITA, LITTLE SUR FT. ORD	PLANTS	UNDETERMINED
MANZANITA, MONTERREY FT. ORD	PLANTS	CANDIDATE
MANZANITA, RAVEN'S (PRESIDIO) PRESIDIO OF SAN FRAN	PLANTS	ENDANGERED
MANZANITA, SAN FRANCISCO PRESIDIO OF SAN FRAN	PLANTS	CANDIDATE
MANZANITA, SANDMAT FT. ORD	PLANTS	CANDIDATE
MANZANITA, SMALL-FLOWERED LITTLE SUR FT. ORD	PLANTS	UNDETERMINED
MARIPOSA, ALKALI FT. IRWIN	PLANTS	UNDETERMINED

MEHAMEHAME	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
MILK-VETCH, CASTETTER	PLANTS	UNDETERMINED
FT. BLISS		
MILK-VETCH, COLUMBIA	PLANTS	CANDIDATE
YAKIMA FIRING RANGE,		
MILK-VETCH, WHITED	PLANTS	CANDIDATE
YAKIMA FIRING RANGE,		
MILKWEED, MEAD'S	PLANTS	CANDIDATE
FT. LEAVENWORTH		
MONARDELLA, HALL'S	PLANTS	UNDETERMINED
FT. IRWIN		
MONARDELLA, PRINGLE	PLANTS	CANDIDATE
FT. IRWIN		
MONARDELLA, ROBISON	PLANTS	CANDIDATE
FT. IRWIN		
MONARDELLA, SAN BENITO	PLANTS	UNDETERMINED
FT. ORD		
MONKEYFLOWER, MEAD	PLANTS	CANDIDATE
FT. IRWIN		
MONKEYFLOWER, PURPLE	PLANTS	CANDIDATE
FT. IRWIN		
MONKSHOOD, WILD, NORTHERN	PLANTS	THREATENED
WEST POINT, NY		
MUNRODENDRON RACEMOSUM / (FORBES) SHERFF	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
MYRSINE LINEARIFOLIA VAR. LINEARIFOLIA	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
MYRSINE MEZII	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
MYRSINE PETIOLATA	PLANTS	UNDETERMINED
SCHOFIELD BARRACKS,		
MYRSINE ST-JOHNII	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
MASTURTIUM GAMBELII	PLANTS	CANDIDATE
FT. IRWIN		
MEHE KUHIIWA	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
MEHE, BRYAN'S	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
MEHE, FLYR'S	PLANTS	UNDETERMINED
FT. RUCKER		
NERAUDIA KAUAIENSIS / (HBD.) COWAN	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
NOTOTRICHUM SANDWICENSE VAR. DECIPIENS	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
NOTOTRICHUM SANDWICENSE VAR. OLOKELEANUM	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		
NOTOTRICHUM VIRIDE / HBD.	PLANTS	CANDIDATE
SCHOFIELD BARRACKS,		

OBELIA NIIHAUENSIS /ST. JOHN SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
OPUNTIA BASILARIS VAR. BRACHYCLADA FT. IRWIN	PLANTS	CANDIDATE
ORCHID, WHITE-FRINGED, PRAIRIE FT. SHERIDAN FT. RILEY	PLANTS	CANDIDATE FT. LEAVENWORTH
ORTHOCARPUS, SAN BERNARDINO FT. IRWIN	PLANTS	UNDETERMINED
ORTHOCARPUS, SAN FRANCISCO PRESIDIO OF SAN FRAN	PLANTS	CANDIDATE
PANIC GRASS, SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PARTHENIUM TETRANEURIS FT. CARSON	PLANTS	UNDETERMINED
PELEA ANISATA VAR. HAUPUANA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
PELEA DEGENERI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA GLAHRA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA HAUPUENSIS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA KAVAIENSIS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA KNUDSENII SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA LEVEILLEI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA MACROPUS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA OVATA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA PLUVIALIS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA QUADRANGULARIS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA WAHIAWAENSIS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PELEA WAIMEAENSIS SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
PELEA, NEAL SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PENSTEMON, LIMESTONE FT. IRWIN	PLANTS	UNDETERMINED
PENSTEMON, STEPHENS FT. IRWIN	PLANTS	UNDETERMINED
PENTACHETA, WHITE-RAYED FT. ORD	PLANTS	CANDIDATE
PEPEROMIA HAUPUENSIS SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED

PEUCEDANUM KAUAIENSE SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
PHACELIA, MACHRIDE FT. IRWIN	PLANTS	UNDETERMINED
PHLOX, FT. SILL	PLANTS	CANDIDATE
PHYLLOSTEGIA KNUDSENII SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PHYLLOSTEGIA MOLLIS VAR. FAGERLINDII SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PHYLLOSTEGIA PARVIFLORA VAR. CANESCENS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PINCUSHION CACTUS, SNEED FT. BLISS	PLANTS	ENDANGERED
PIXIE-MOSS, WELL'S (SANDHILL) FT. BRAGG	PLANTS	CANDIDATE
PLANTAGO PRINCEPS VAR. LAXIFOLIA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PLANTAIN, HEART-LEAVED FT. SHERIDAN	PLANTS	CANDIDATE
PLATANThERA HOLOCHILA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PLATANThERA INTEGR A / (NUTT.) GRAY EX BECK FT. DIX	PLANTS	UNDETERMINED
PLUME, GEORGIA FT. GORDON	PLANTS	CANDIDATE
POA SIPHONOGLOSSA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
PUGOGYNE, SANTA LUCIA FT. ORD	PLANTS	CANDIDATE
POPCORNFLOWER, SAN FRANCISCO PRESIDIO OF SAN FRAN	PLANTS	CANDIDATE
POPOLO-'AI-A-KE-AKUA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
POTATO-HEAN (GROUNDNUT), PRICE'S FT. CAMPBELL	PLANTS	CANDIDATE
PRICKLY-POPPY, FT. BLISS	PLANTS	CANDIDATE
PTERALYXIA, KAUAI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
RAILLARDELLA, MUIR'S FT. ORD	PLANTS	UNDETERMINED
RATTLEWEED, CIMA FT. IRWIN	PLANTS	UNDETERMINED
RAUVOLFIA HELLERI SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
RAUVOLFIA SANOWICENSIS VAR. SUBACUMINATA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
REMYA KAUAIENSIS / HED. SCHOFIELD BARRACKS,	PLANTS	CANDIDATE

TETRAMOLOPIUM CONSANGUINEUM (GRAY) HBK. SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
TETRAPLASANDRA BISATTENUATA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
TETRAPLASANDRA KAVAIENSIS VAR. KOLOANA SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
TETRAPLASANDRA LIHUENSIS VAR. GRACILIPES SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
TETRAPLASANDRA WAIALEALAE VAR. UPEFOLATA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
TETRAPLASANDRA WAIMEAE VAR. ANGUSTIOR SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
THELYPODY, SLENDER-PETALED FT. IRWIN	PLANTS	CANDIDATE
TROPIDOCARPUM, CAPER-FRUITED FT. ORD	PLANTS	CANDIDATE
UHIIHI SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
ULUNAHELE SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
VIGNA, OAHU SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
VIOLA HELENA /FORRIS & LYDGATE SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
VIOLA KAUAIENSIS VAR. WAHIAWAENSIS SCHOFIELD BARRACKS,	PLANTS	CANDIDATE
WALLFLOWER, COAST PRESIDIO OF SAN FRAN FT. ORD	PLANTS	CANDIDATE
WALLFLOWER, MENZIES' FT. ORD	PLANTS	CANDIDATE
WALLFLOWER, SAN FRANCISCO PRESIDIO OF SAN FRAN	PLANTS	UNDETERMINED
WIKSTROEMIA HANAIEI SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
WIKSTROEMIA SKOTTSBERGIANA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
WILD BUCKWHEAT, BUTTERWORTH'S FT. ORD	PLANTS	CANDIDATE
WILD BUCKWHEAT, PINNACLES FT. ORD	PLANTS	UNDETERMINED
WILD BUCKWHEAT, SOUTHERN MOUNTAIN FT. IRWIN	PLANTS	UNDETERMINED
WILD BUCKWHEAT, SULFUR-FLOWERED, ALPINE FT. IRWIN	PLANTS	UNDETERMINED
WILD BUCKWHEAT, THORNE'S FT. IRWIN	PLANTS	CANDIDATE
WOOLY-SUNFLOWER, BARSTON FT. IRWIN	PLANTS	CANDIDATE
XYLOSMA CRENATUM SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED
YAMPAN, GAIRDNER'S FT. ORD	PLANTS	CANDIDATE
ZANTHOXYLUM KAUAIENSE VAR. KOHUNA SCHOFIELD BARRACKS,	PLANTS	UNDETERMINED

ALLIGATOR, AMERICAN		REPTILES BOTH E+T
FT. RUCKER	FT. GORDON	FT. STEWART
HUNTER ARMY AIRFIELD	FT. POLK	FT. JACKSON
FT. HOOD	FT. SAM HOUSTON	
BOA, ROSY		REPTILES CANDIDATE
FT. IRWIN		
BOA, RUBBER, SOUTHERN		REPTILES CANDIDATE
FT. IRWIN		
LIZARD, LEGLESS, BLACK		REPTILES CANDIDATE
FT. ORD		
LIZARD, LEOPARD, BLUNT-NOSED		REPTILES ENDANGERED
FT. ORD		
MONSTER, GILA		REPTILES CANDIDATE
FT. IRWIN		
RATTLESNAKE, DIAMONDBACK, EASTERN		REPTILES CANDIDATE
FT. RUCKER	FT. GORDON	FT. STEWART
HUNTER ARMY AIRFIELD	FT. BENNING	
SKINK, MOLE		REPTILES CANDIDATE
FT. RUCKER	FT. GORDON	FT. STEWART
HUNTER ARMY AIRFIELD	FT. BENNING	
SNAKE, GARTER, CHICAGO		REPTILES CANDIDATE
FT. SHERIDAN		
SNAKE, GARTER, TWO-STRIPED		REPTILES CANDIDATE
FT. ORD		
SNAKE, INDIGO, EASTERN		REPTILES THREATENED
FT. GORDON	FT. STEWART	HUNTER ARMY AIRFIELD
SNAKE, KING-, DESERT (SONORA)		REPTILES CANDIDATE
FT. BLISS	FT. SAM HOUSTON	
SNAKE, PINE, LOUISIANA		REPTILES CANDIDATE
FT. POLK		
SNAKE, WATER-, KIRTLAND'S		REPTILES CANDIDATE
FT. SHERIDAN	FT. BENJAMIN HARRISON	FT. KNOX
TORTOISE, DESERT		REPTILES CANDIDATE
FT. IRWIN		
TORTOISE, GOPHER		REPTILES CANDIDATE
FT. RUCKER	FT. GORDON	FT. STEWART
HUNTER ARMY AIRFIELD	FT. BENNING	
TORTOISE, TEXAS (BERLANDIER'S)		REPTILES CANDIDATE
FT. SAM HOUSTON		
TURTLE, BIG BEND		REPTILES CANDIDATE
FT. BLISS		
TURTLE, BOG		REPTILES CANDIDATE
FT. DIX	WEST POINT, NY	FT. INDIANTOWN GAP
CARLISLE BARRACKS, P		
TURTLE, MAP, BARBOUR'S		REPTILES CANDIDATE
FT. BENNING		
TURTLE, MAP, CAGLE'S		REPTILES CANDIDATE
FT. SAM HOUSTON		

TURTLE, MAP, FALSE, SABINE FT. POLK	REPTILES	CANDIDATE
TURTLE, MUD, ILLINOIS FT. SHERIDAN	REPTILES	CANDIDATE
TURTLE, RED-BELLIED, PLYMOUTH FT. DEVENS	REPTILES	ENDANGERED
TURTLE, SEA, HAWKSBILL SCHOFIELD BARRACKS,	REPTILES	ENDANGERED
TURTLE, SEA, LOGGERHEAD FT. GORDON	REPTILES	THREATENED
FT. STORY	HUNTER	ARMY AIRFIELD
FT. STEWART		
FT. MONROE		
WHIPTAIL (RACE RUNNER), ORANGE-THROATED FT. IRWIN	REPTILES	CANDIDATE
ARIOLIMAX CALIFORNICUS BRACHYPHALLUS PRESIDIO OF SAN FRAN	SNAILS	CANDIDATE
HELMINTHOGLYPTA DUPETITIMUARSII FT. ORD	SNAILS	CANDIDATE
HELMINTHOGLYPTA GRANITICOLA FT. IRWIN	SNAILS	CANDIDATE
HELMINTHOGLYPTA MCMAVEANA FT. IRWIN	SNAILS	CANDIDATE
HELMINTHOGLYPTA SEQUOICOLA CONSORS FT. ORD	SNAILS	CANDIDATE
HELMINTHOGLYPTA TUDICULATA ANGELENA FT. IRWIN	SNAILS	CANDIDATE
LIMPET, COLUMBIA RIVER, GIANT FT. MCPHERSON	SNAILS	CANDIDATE
FT. GORDON	FT. BENNING	
YAKIMA FIRING RANGE,		
MICRARIONTA IMMACULATA FT. IRWIN	SNAILS	CANDIDATE
MICRARIONTA MELANOPYLON FT. IRWIN	SNAILS	CANDIDATE
MICRARIONTA ROWELLI ACUS FT. IRWIN	SNAILS	CANDIDATE
MICRARIONTA ROWELLI AMBOIANA FT. IRWIN	SNAILS	CANDIDATE
MICRARIONTA ROWELLI BAKERENSIS FT. IRWIN	SNAILS	CANDIDATE
SNAIL, BRACKISH WATER, CALIFORNIA PRESIDIO OF SAN FRAN	SNAILS	CANDIDATE
FT. ORD		
SNAIL, COLORADO DESERT FT. IRWIN	SNAILS	CANDIDATE
SNAIL, RIVER, ALBANY FT. BENNING	SNAILS	CANDIDATE
SNAIL, RIVER, ARMIGEROUS FT. CAMPBELL	SNAILS	CANDIDATE
SONORELIX AVAWATZICA FT. IRWIN	SNAILS	CANDIDATE
SONORELIX RIXFORDI FT. IRWIN	SNAILS	CANDIDATE

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FT. BELVOIR

PLANARIAN, GROUNDWATER, HOLDSINGER'S
FT. BELVOIR

SPIDER, WOLF, CAVE, KAUAI (PE'E PE'E MAKI 'OLE)
SCHOFIELD BARRACKS,

SPONGE, CAROLINA
FT. JACKSON

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