



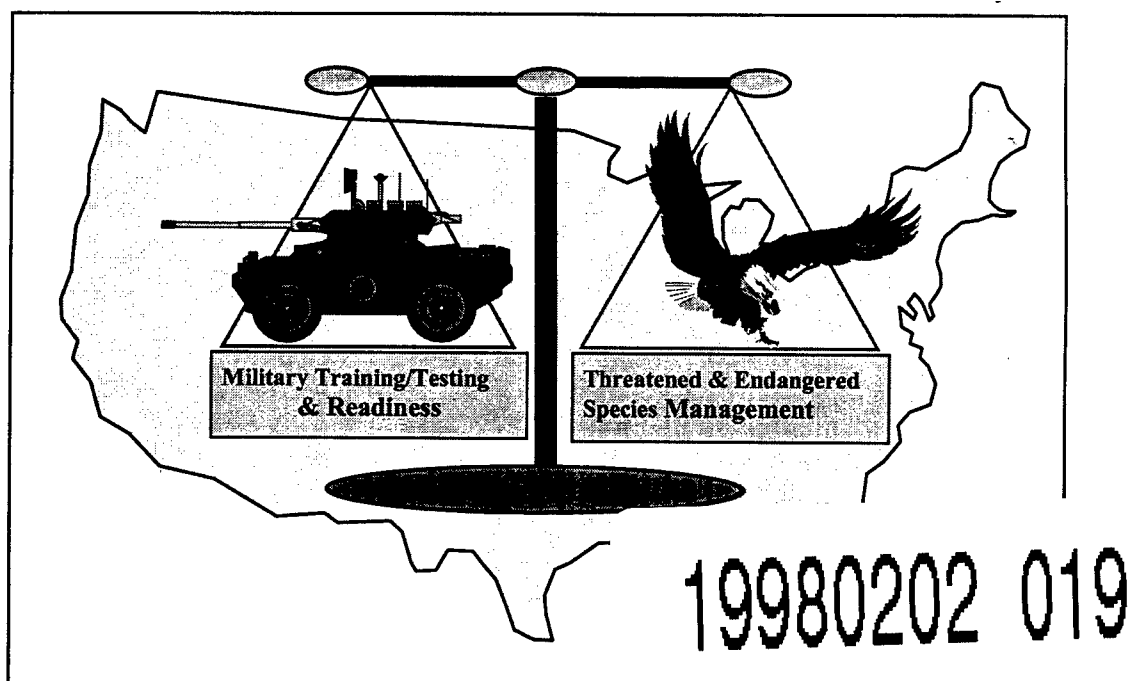
**US Army Corps  
of Engineers**

Construction Engineering  
Research Laboratories

USACERL Technical Report 98/19  
December 1997

# Installation Summaries from the 1996 Survey of Threatened and Endangered Species on Army Lands

by  
Eric R. Schreiber, Rachel A. Shaw, Alison Hill, and Mary A. Reed



In November of 1996, the Army conducted a survey of the Threatened and Endangered (T&E) species residing on and contiguous to its lands. This report, intended for installation use, provides quick access to basic information from the survey on the Federally Threatened, Endangered, Proposed, and Candidate (TEPC) species that occur on Army lands. In addition to a summary of Army-wide information, data is also provided at the installation level and the

species level. Installation level data provides information on all species which occur on each installation, while species level data lists all installations on which each species occurs. Corresponding information on Federal status, critical habitat, and endangered species management plans (ESMPs) are provided for each species, in addition to points-of-contact for each installation.

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## Foreword

This study was conducted for the U.S. Army Environmental Center (AEC) and the Office of the Directorate of Environmental Programs (ODEP), Assistant Chief of Staff for Installation Management (ACSIM) under Military Interdepartmental Purchase Request (MIPR) No. 3176; Work Unit ND6, "1996 TES Survey, Phase 1: Survey Development and Administration," and MIPR No. 2357; Work Unit KG7, "1996 TES Survey, Phase 2: Analysis and Reporting." The technical monitor was Scott Belfit, SFIM-AEC-ECM.

The work was performed by the Natural Resource Assessment and Management Division (LL-N) of the Land Management Laboratory (LL), U.S. Army Construction Engineering Research Laboratories (USACERL). Mary A. Reed, U.S. Army Environmental Center, assisted in the technical review. The USACERL principal investigator was Dr. Alison Hill. Robert M. Lacey is Acting Chief, CECER-LL-N; Dr. William D. Severinghaus is Operations Chief, CECER-LL. The USACERL technical editor was Gloria J. Wienke, Technical Resources Center.

COL James A. Walter is Commander and Dr. Michael J. O'Connor is Director of USACERL.

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# 1 Introduction

## Background

The Army is required to protect state and Federally listed Threatened and Endangered (T&E) species on its lands (Army Regulation [AR] 420-74 1989). This requirement directly affects land use and management. The presence of T&E species can: (1) limit land uses, including training activities, (2) result in direct conflicts with the military mission, (3) require added financial and personnel resources to take affirmative action on behalf of listed species, and (4) involve state and Federal wildlife agencies in Army land use decision-making (Tazik, Sherman, and Courson 1991).

Compared with other Federal land management agencies, the military has a disproportionately large number of T&E species on its lands (Flather et al. 1994). In some instances, this has resulted in conflict between T&E conservation requirements and the installation commander's ability to train soldiers and test weapons and equipment to assure readiness. The Army must be able to determine the extent of potential T&E species problems in order to develop long-term management strategies while minimizing negative effects on training and testing. Because of the potential for conflict between T&E conservation and training/testing, the Office of the Directorate of Environmental Programs (ODEP) and the Army Environmental Center (AEC) are pursuing innovative ways to manage and monitor the number of T&E species on Army lands. Army leadership is committed to developing and supporting a reliable and comprehensive source of T&E species information to ensure compliance with the Endangered Species Act (ESA), Army policy, and training and testing readiness. Standardized annual T&E species data collection will allow the Army to respond to mandated information requests, and track the progress of T&E species management Army-wide (Shaw and Hill 1996).

## Objectives

The objectives of this research were to:

- summarize available T&E species information from the 1996 TES survey,

- provide installations with a list of species having critical habitat and endangered species management plans, and
- provide points-of-contact for obtaining additional information.

## Approach

The project consisted of two phases. Phase One was to develop a T&E survey for installations. Phase Two was to administer the survey and conduct analysis and reporting.

**Phase One: Development of the Survey Instrument.** The 10-month development process required substantial collaboration with the T&E Species Users Group, an advisory group consisting of members of ODEP, Army Major Commands (MACOMs), AEC, and the Office of the Deputy Chief of Staff for Operations and Plans (ODSCOP), and consultation with University of Illinois survey research experts. This phase required soliciting ideas and questions, facilitating discussions about the wording of the questions, coordinating the review of revisions, and pretesting by potential survey recipients.

**Phase Two: Administration, Analysis, and Reporting.** In November 1996, ODEP directed the MACOM Commanders to distribute the survey instructions and instrument, a glossary, a listing of species from the Federal Register, and a reference listing of species reported previously on installations. The packet was forwarded to installations, with a 45-day suspense. An accompanying memorandum suggested installation recipients assemble a team to fill out the survey. These key individuals might include personnel from the Directorate of Public Works (DPW) or equivalent, the Directorate of Plans and Training Mission (DPTM) or equivalent, and the Judge Advocate General (JAG) or compliance office that handle T&E issues.

A complete survey package went to all Army installations with the potential for T&E species. MACOMs assisted with determining installations having the potential for T&E species. MACOM information included acreage, known species occurrences, previous TES surveys, knowledge of the installation, etc. Installations were asked about Federally Threatened, Endangered, Proposed, and Candidate (TEPC) species known to reside on, or contiguous to, the installation. The survey consisted of approximately 50 questions. Questions asked for: (1) T&E management and compliance concerns, (2) training and testing restrictions/impacts due to T&E species, and (3) points-of-contact.

## Scope

This report provides the 1996 overview of the T&E species on Army installations, and includes 248 distinct TEPC species (523 occurrences) for 201 Army installations, with corresponding information on critical habitat and endangered species management plans (ESMPs).

## Mode of Technology Transfer

Headquarters, Department of the Army (HQDA) and MACOMS were provided raw data resulting from this survey. This report provides installations with summary TES information for future reference.

## Updating of Data

The data is current as of January 10, 1997. Any incorrect species, misidentifications, changes in ESMP status, or new species not known at the time of the survey administration, will not be added, but will become part of the 1997 survey.

This report is the third of a series of three, with the intended audience being the Environmental and Training Managers at installations. The first report, titled *The 1996 Survey of Threatened and Endangered Species on Army Lands: A Summary Report* (Shaw, Schreiber, and Hill 1997), provides (HQDA) and MACOM summaries based on survey responses. The second report, titled *Threatened and Endangered Species on Army Installations: A MACOM Report* (Schreiber, Shaw, and Hill 1997), also provides HQDA and MACOM-level summaries; it includes installation profiles, specifying MACOM, county, point-of-contact, and a listing of all onsite and contiguous species by category, for each of the 201 installations responding to the survey.

## 2 Definitions

Several acronyms and terms are used consistently throughout this document. These terms are defined below:

**Distinct Species** — The term distinct species is synonymous with the term unique species. For example, the bald eagle is considered as one distinct or unique species, regardless of the number of installations on which it occurs. Distinct species may be calculated Army-wide, or within individual MACOMs. In either case, a particular species is counted only once.

### Federal Status

- E - Federally Endangered
- T - Federally Threatened
- PE - Federally Proposed as Endangered
- PT - Federally Proposed as Threatened
- C - Candidate species for Federal listing

**Installation** — The term installation refers to active military installations, state National Guard Bureau (NGB) offices, NGB training sites, and regional support centers for the Army Reserve. In some cases, it was difficult to define "installation" data because some NGB state offices, for example, reported on a state-wide basis, while others reported for each training site in the state. Analyses in this report do not make a distinction between these types of locations.

**Occurrence** — An occurrence is a record of a species. A record refers to each time a species is recorded as being present on an installation and is synonymous with the term record in terms of the database. For example, if a bald eagle occurs on five installations it is recorded as five occurrences.

**S/A** — Similarity of Appearance. Certain species that closely resemble T&E species may be given the Federal status of the species they resemble. Similarity of appearance species are denoted with a T(S/A) or E(S/A). However, no distinction is made between S/A species and other T&E species.

### Species Location

*Both* – Species known to occur both onsite and contiguous to the installation.

*Contiguous*– Species known to occupy or otherwise use habitat adjacent to an installation, which may be affected by installation military activities and land management practices.

*Onsite* – Species that have been documented within the boundaries of the installation.

T&E — The term T&E includes only Federally Threatened and Endangered species. These two statuses include S/A species.

TEP — The term TEP includes all Federally Threatened, Endangered, Proposed Threatened, and Proposed Endangered species on Army lands but does not include Candidate species.

TEPC — The term TEPC includes all Federally Threatened, Endangered, Proposed Threatened, Proposed Endangered, and Candidate species on Army lands. Subsequent analyses that use the term TEPC refer to the status of all species.

### 3 Summary Information

#### Installation Information

A total of 201 installations responded to the 1996 T&E species survey. Of those responding, 105 (52%) installations have onsite TEPC species, 84 (42%) installations have no TEPC species, and 12 (6%) installations have strictly contiguous species. Of the 105 installations with onsite TEPC species, 100 have T&E species.

The 201 installations include: 48 Army Materiel Command (AMC), 20 Forces Command (FORSCOM), 6 Military District of Washington (MDW), 4 Medical Command (MEDCOM), 3 Military Traffic Management Command (MTMC), 80 National Guard Bureau (NGB), 16 Training and Doctrine Command (TRADOC), 14 U.S. Army Reserve Command (USARC), 9 U.S. Army, Pacific (USARPAC), and 1 U.S. Military Academy (USMA).

Appendix A lists the 117<sup>1</sup> installations with onsite or contiguous TEPC species, with corresponding information on scientific name, common name, Federal status, category, occurrence, critical habitat, and ESMP status for each species.

#### Species Information

A total of 248 distinct onsite and contiguous TEPC species (523 occurrences) were identified on 117 (58%) of the installations surveyed. These 248 TEPC species include: 147 onsite<sup>2</sup> and contiguous species (265 occurrences), 54 onsite species (128 occurrences), and 47 contiguous species (130 occurrences) (see Table 1). Of the 201 distinct onsite TEPC species, 153 are T&E.

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<sup>1</sup> This number includes 105 installations with onsite TEPC species and 12 installations with strictly contiguous TEPC species.

<sup>2</sup> It should be noted that some species listed as onsite may also occur contiguous to the installation.

Table 1. Installation and species summary information.

|                             | Number of installations | Number of distinct species | Number of species occurrences |
|-----------------------------|-------------------------|----------------------------|-------------------------------|
| Totals                      | 201                     | 248                        | 523                           |
| Onsite TEPC species         | 105                     | 201                        | 393                           |
| No TEPC species             | 84                      | 0                          | 0                             |
| Strictly contiguous species | 12                      | 47                         | 130                           |
| Onsite T&E species*         | 100                     | 153                        | 430                           |

\* Onsite T&E species are independent of the overall TEPC species numbers and cannot be added.

Of the 248 distinct species, 64% are Endangered, 14% are Threatened, 13% are Proposed Endangered, 8% are Candidates, and 1% are Proposed Threatened (Figure 1). When listed by Category, 54% of the 248 distinct species are plants, 15% are birds, 7% are snails, 5% are reptiles, fish, and mammals, 3% are clams and insects, 2% are amphibians, and 1% are crustaceans (Figure 2).

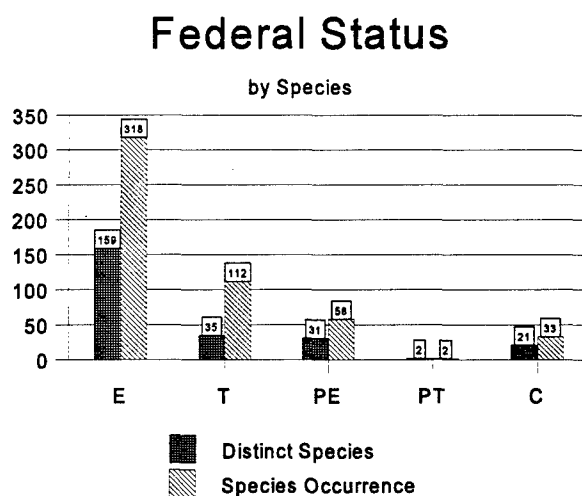


Figure 1. Federal status, by distinct species and species occurrence, for all species combined.

## Distinct Species

by Category

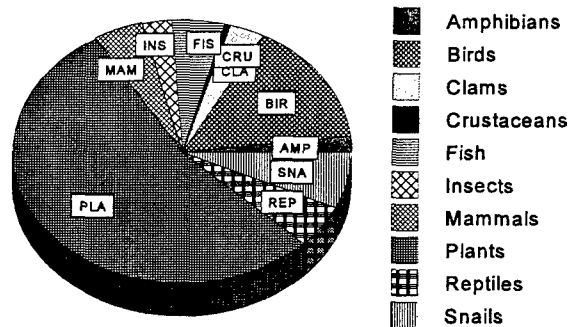


Figure 2. Distinct species, by category, for all species combined.

Of the 90 contiguous TEPC species, 67% are Endangered, 16% are Threatened, 9% are Candidates, 8% are Proposed Endangered, and 1% are Proposed Threatened (Figure 3). When divided by category, 37% of the contiguous species are plants, 24% are birds, 10% are fish, 8% are clams, 6% are mammals and reptiles, 4% are snails, 3% are insects, and 2% are amphibians (Figure 4).

## Federal Status

Onsite vs. Contiguous

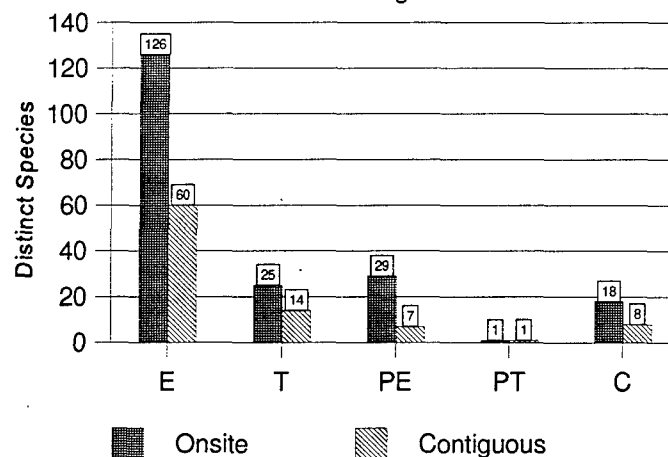


Figure 3. Distinct species, by Federal status, for onsite and contiguous species.

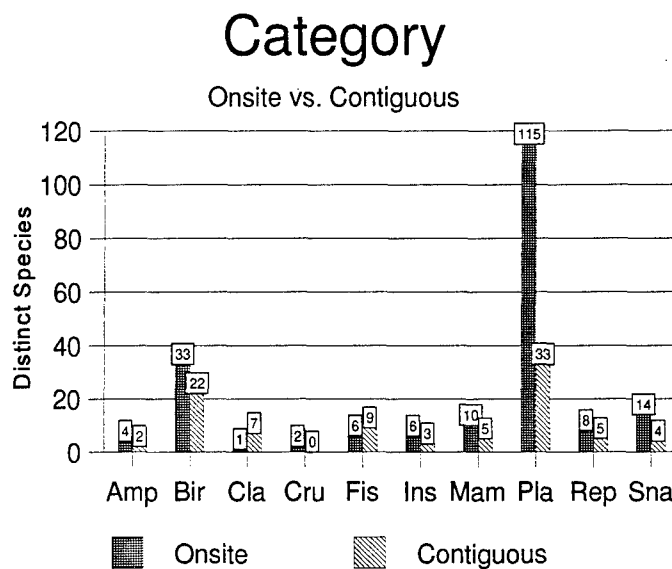


Figure 4. Distinct species, by category, for onsite and contiguous species.

Appendix B lists the 248 distinct onsite and contiguous TEPC species, with information on occurrence, critical habitat, and ESMP status for each of the corresponding installations.

## Critical Habitat

Installations reported 21 distinct T&E species (32 occurrences) as having critical habitat. However, when checked against the Federal Register, only 5 species (6 occurrences) were confirmed as having critical habitat.<sup>3</sup> Confirmed species with critical habitat include the Mexican spotted owl (Camp Navajo and Fort Huachuca), northern spotted owl (Fort Lewis), palila (Pohakuloa), desert tortoise (Fort Irwin), and the Oregon silverspot butterfly (Camp Rilea).

## Endangered Species Management Plans

Of the 393 onsite Federal TEPC species occurrences, only 371 were considered "eligible" to have an endangered species management plan (ESMP). The term "eligible" refers to Federally Threatened, Endangered, and Proposed species (TEP), and assumes that Candidate species should not have an ESMP.

<sup>3</sup> Unconfirmed records were changed in the database to reflect the status reported in the Federal Register.

Of the 371 "eligible" onsite TEP species occurrences, 219 (59%) have an ESMP that is currently under preparation or in process, 103 (28%) have not yet had an ESMP initiated, 36 (10%) have a completed ESMP, and 13 (4%) had no response.

The Army also had 46 contiguous TEP species occurrences that were considered "eligible" to have an ESMP. Of these occurrences, 40 (87%) have an ESMP that is currently under preparation or in process, and 6 (13%) have a completed ESMP.

## References

### Cited

- 16 U.S. Code (U.S.C.) 1536(a)(1); Army Regulation (AR) 420-74, Paragraph 6-2 *Natural Resource – Land, Forest, and Wildlife Management* (Headquarters, Department of the Army [HQDA], 25 February 1986); Federal Register (FR) 54:7539-7543, 265.7(B)(3)(b) [22 Feb 1989].
- Flather, C. H., L.H. Joyce, and C.A. Bloomgarden. *Species endangerment patterns in the United States*. Gen. Tech. Rep. RM-241. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, 1994. 42pp.
- Schreiber, E.R., R.A. Shaw, A. Hill, and M.A. Reed, *Threatened and Endangered Species on Army Installations: A MACOM Report*, Technical Report [TR] 98/18 (U.S. Army Construction Engineering Research Laboratory [USACERL], December 1997).
- Shaw, R.A., and A. Hill, *Army-wide Threatened and Endangered Species Survey*, USACERL Technical Note 96-101 (U.S. Army Construction Engineering Research Laboratory, September 1996).
- Shaw, R.A., E.R. Schreiber, and A. Hill, *The 1996 Survey of Threatened and Endangered Species on Army Lands: A Summary Report*, Technical Report [TR] 98/17 (USACERL, December 1997).
- Tazik, D.J., R.A. Sherman, and J.A. Courson, *Annotated Directory of Threatened and Endangered Wildlife on Selected U.S. Army Installations East of the Mississippi River*, Technical Report [TR] N-91/26 (USACERL, May 1991).



## **Appendix A: Onsite and Contiguous TEPC Species, by Installation, with Corresponding Points-of-Contact**

| Installation                          | MACOM | State | POC                   | Phone        | Scientific Name                                                                                                                                       | Common Name                                                                                     | Fed<br>stat                | Cat                                    | Occur                                                        |
|---------------------------------------|-------|-------|-----------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------|--------------------------------------------------------------|
| 63rd RSC                              | USARC |       | C/O Tom Sinclair      | 404-629-8217 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| 65th RSC                              | USARC |       | C/O Tom Sinclair      | 404-629-8217 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| 77th RSC                              | USARC |       | C/O Tom Sinclair      | 404-629-8217 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| 88th RSC                              | USARC |       | C/O Tom Sinclair      | 404-629-8217 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| 90th RSC                              | USARC |       | C/O Tom Sinclair      | 404-629-8217 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| 94th RSC                              | USARC |       | C/O Tom Sinclair      | 404-629-8217 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| 96th RSC                              | USARC |       | C/O Tom Sinclair      | 404-629-8217 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| 124th RSC                             | USARC |       | C/O Tom Sinclair      | 404-629-8217 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| Aahoaka & Wailua<br>River LTA         | NGB   | HI    | Melissa Dumar         | 808-733-4265 | <i>Anas wyvilliana</i><br><i>Gallinula chloropus sandvicensis</i><br><i>Lasiurus cinereus semotus</i><br><i>Puffinus auricularis newelli</i>          | Hawaiian Duck<br>Hawaiian Gallinule<br>Hawaiian Hoary Bat<br>Newell's Townsend's Shearwater     | E<br>E<br>E<br>T           | Bird<br>Bird<br>Mammal<br>Bird         | Onsite<br>Onsite<br>Both<br>Both                             |
| Aberdeen Proving<br>Ground            | AMC   | MD    | James Pottie          | 410-671-4841 | <i>Acipenser brevirostrum</i><br><i>Cicindela puritana</i><br><i>Etheostoma sellare</i><br><i>Falco peregrinus</i><br><i>Haliaeetus leucocephalus</i> | Shortnose Sturgeon<br>Puritan Tiger Beetle<br>Maryland Darter<br>Peregrine Falcon<br>Bald Eagle | E<br>T<br>E<br>E(S/A)<br>T | Fish<br>Insect<br>Fish<br>Bird<br>Bird | Contiguous<br>Contiguous<br>Contiguous<br>Contiguous<br>Both |
| Addicks Reservoir                     | NGB   | TX    | James Resner          | 512-465-5226 | <i>Hymenoxys texana</i>                                                                                                                               | Texas Prairie Dawn-flower                                                                       | E                          | Plant                                  | Both                                                         |
| Adelphi Army<br>Research Labs         | AMC   | MD    | Robert Wardwell       | 301-394-1060 | <i>Haliaeetus leucocephalus</i>                                                                                                                       | Bald Eagle                                                                                      | T                          | Bird                                   | Onsite                                                       |
| AI-ARNG                               | NGB   | AL    | MAJ Wayne<br>Sartwell | 334-271-7427 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| Alabama AAP                           | AMC   | MI    | C/O Rich Clewell      | 309-782-8252 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| Anahola LTA                           | NGB   | HI    | Melissa Dumar         | 808-733-4265 | <i>Anas wyvilliana</i>                                                                                                                                | Hawaiian Duck                                                                                   | E                          | Bird                                   | Both                                                         |
| Anniston Army<br>Depot                | AMC   | AL    | Billy Burns           | 205-235-4217 | <i>Xyris tennesseensis</i>                                                                                                                            | Tennessee Yellow-eyed Grass                                                                     | E                          | Plant                                  | Both                                                         |
| Artemus TS                            | NGB   | KY    | SGM Harold<br>Disney  | 606-546-7838 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| Atterbury Reserve<br>Forces TA        | NGB   | IN    | Art Howard            | 812-526-1249 | <i>Haliaeetus leucocephalus</i>                                                                                                                       | Bald Eagle                                                                                      | T                          | Bird                                   | Both                                                         |
| Auburn TS                             | NGB   | ME    | MAJ Tim Bowman        | 207-626-4395 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| Badger AAP                            | AMC   | WI    | Douglas Rhead         | 608-356-5525 | <i>Lespedeza leptostachya</i>                                                                                                                         | Prairie Bush Clover                                                                             | T                          | Plant                                  | Contiguous                                                   |
| Bangor<br>International<br>Airport TS | NGB   | ME    | MAJ Tim Bowman        | 207-626-4395 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |
| Bayonne Military<br>Ocean Terminal    | MTMC  | MO    | Leonard Wagner        | 201-823-7010 | No Species                                                                                                                                            |                                                                                                 |                            |                                        |                                                              |

| Installation            | MACOM | State | POC               | Phone        | Scientific Name                    | Common Name             | Fed<br>stat | Cat     | Occur      |
|-------------------------|-------|-------|-------------------|--------------|------------------------------------|-------------------------|-------------|---------|------------|
| Bluegrass Army Depot    | AMC   | KY    | Killye Haslett    | 606-625-6669 | <i>Trifolium stoloniferum</i>      | Running Buffalo Clover  | E           | Plant   | Both       |
| Camel Tracks            | NGB   | NM    | Robert Concha     | 505-474-1809 | No Species                         |                         |             |         |            |
| Camp Adair              | NGB   | OR    | Greg Mitchell     | 503-945-3851 | No Species                         |                         |             |         |            |
| Camp Ashland            | NGB   | NE    | CPT Vic Siedler   | 402-944-2150 | No Species                         |                         |             |         |            |
| Camp Berkeley           | NGB   | TX    | James Resner      | 512-465-5226 | <i>Vireo atricapillus</i>          | Black-capped Vireo      | E           | Bird    | Both       |
| Camp Beauregard         | NGB   | LA    | CW2 Carl Thompson | 318-641-8309 | <i>Picoides borealis</i>           | Red-cockaded Woodpecker | E           | Bird    | Contiguous |
| Camp Blanding TS        | NGB   | FL    | Philip Hall       | 904-533-3456 | <i>Alligator mississippiensis</i>  | American Alligator      | T(S/A)      | Reptile | Both       |
|                         |       |       |                   |              | <i>Aphelocoma coerulescens</i>     | Florida Scrub Jay       | T           | Bird    | Both       |
|                         |       |       |                   |              | <i>Drymarchon corais couperi</i>   | Eastern Indigo Snake    | T           | Reptile | Both       |
|                         |       |       |                   |              | <i>Felis concolor coryi</i>        | Florida Panther         | E           | Mammal  | NR         |
|                         |       |       |                   |              | <i>Haliaeetus leucocephalus</i>    | Bald Eagle              | T           | Bird    | Both       |
|                         |       |       |                   |              | <i>Mycteria americana</i>          | Wood Stork              | E           | Bird    | Both       |
|                         |       |       |                   |              | <i>Picoides borealis</i>           | Red-cockaded Woodpecker | E           | Bird    | Onsite     |
|                         |       |       |                   |              | <i>Rhododendron chapmanii</i>      | Chapman's Rhododendron  | E           | Plant   | Onsite     |
|                         |       |       |                   |              | <i>Ursus americanus floridanus</i> | Florida Black Bear      | C           | Mammal  | Both       |
| Camp Clark              | NGB   | MO    | Eugene Young      | 573-526-9418 | <i>Asclepias meadii</i>            | Mead's Milkweed         | T           | Plant   | Contiguous |
| Camp Crowder            | NGB   | MO    | Eugene Young      | 573-526-9418 | <i>Amblyopsis rosae</i>            | Ozark Cavefish          | T           | Fish    | Contiguous |
|                         |       |       |                   |              | <i>Etheostoma cragini</i>          | Arkansas Darter         | C           | Fish    | Contiguous |
|                         |       |       |                   |              | <i>Haliaeetus leucocephalus</i>    | Bald Eagle              | T           | Bird    | Both       |
|                         |       |       |                   |              | <i>Myotis grisescens</i>           | Gray Bat                | E           | Mammal  | Both       |
|                         |       |       |                   |              | <i>Nicrophorus americanus</i>      | American Burying Beetle | E           | Insect  | Contiguous |
| Camp Dodge              | NGB   | IA    | Mary Jones        | 515-252-4648 | No Species                         |                         |             |         |            |
| Camp Grafton            | NGB   | ND    | MAJ Gary Yanizer  | 701-224-5246 | <i>Charadrius melodus</i>          | Piping Plover           | T           | Bird    | Both       |
| Camp Grafton South      | NGB   | ND    | MAJ Gary Yanizer  | 701-224-5246 | No Species                         |                         |             |         |            |
| Camp Grayling           | NGB   | MI    | Larry Jacobs      | 517-348-7621 | <i>Dendroica kirtlandii</i>        | Kirtland's Warbler      | E           | Bird    | Both       |
|                         |       |       |                   |              | <i>Haliaeetus leucocephalus</i>    | Bald Eagle              | T           | Bird    | Both       |
|                         |       |       |                   |              | <i>Solidago houghtonii</i>         | Houghton's Goldenrod    | T           | Plant   | Both       |
| Camp Gruber             | NGB   | OK    | Nancy Davis       | 918-487-6223 | <i>Nicrophorus americanus</i>      | American Burying Beetle | E           | Insect  | Both       |
| Camp Guernsey           | NGB   | WY    | David Palmer      | 307-772-5285 | <i>Haliaeetus leucocephalus</i>    | Bald Eagle              | T           | Bird    | Contiguous |
| Camp Joseph T. Robinson | NGB   | AR    | Kerry Koehler     | 501-212-5886 | <i>Haliaeetus leucocephalus</i>    | Bald Eagle              | T           | Bird    | Both       |
| Camp Maluhia LTA        | NGB   | HI    | Melissa Dumarán   | 808-733-4265 | No Species                         |                         |             |         |            |
| Camp McCain             | NGB   | MS    | MAJ Robert Piazza | 601-973-6109 | No Species                         |                         |             |         |            |
| Camp Murray             | NGB   | WA    | Ted Arnold        | 206-512-8904 | <i>Haliaeetus leucocephalus</i>    | Bald Eagle              | T           | Bird    | Both       |

| Installation                              | MACOM  | State | POC                     | Phone        | Scientific Name                                                                                                                                      | Common Name                                                                     | Fed<br>stat           | Cat                           | Occur                                  |
|-------------------------------------------|--------|-------|-------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------|-------------------------------|----------------------------------------|
| Camp Navajo<br>Military<br>Reservation    | NGB    | AZ    | Christopher<br>Pedersen | 602-267-2464 | <i>Clematis hirsutissima</i> var. <i>arizonica</i><br><i>Falco peregrinus</i><br><i>Haliaeetus leucocephalus</i><br><i>Strix occidentalis lucida</i> | Arizona Leather Flower<br>Peregrine Falcon<br>Bald Eagle<br>Mexican Spotted Owl | C<br>E(S/A)<br>T<br>T | Plant<br>Bird<br>Bird<br>Bird | Both<br>Both<br>Both<br>Both           |
| Camp Rilea                                | NGB    | OR    | Greg Mitchell           | 503-945-3851 | <i>Speyeria zerene hippolyta</i>                                                                                                                     | Oregon Silverspot Butterfly                                                     | T                     | Insect                        | Onsite                                 |
| Camp Ripley                               | NGB    | MIN   | Martin Skoglund         | 320-632-7201 | <i>Canis lupus</i><br><i>Haliaeetus leucocephalus</i>                                                                                                | Gray Wolf<br>Bald Eagle                                                         | T<br>T                | Mammal<br>Bird                | Both<br>Onsite                         |
| Camp Roberts                              | NGB    | CA    | Julie Eliason           | 805-238-8265 | <i>Branchinecta lynchi</i><br><i>Haliaeetus leucocephalus</i><br><i>Vulpes macrotis mutica</i>                                                       | Vernal Pool Fairy Shrimp<br>Bald Eagle<br>San Joaquin Kit Fox                   | T<br>T<br>E           | Crustacean<br>Bird<br>Mammal  | Both<br>Both<br>Both                   |
| Camp San Luis<br>Obispo                   | NGB    | CA    | Julie Eliason           | 805-238-8265 | <i>Cirsium fontinale</i> var. <i>obispoense</i><br><i>Rana aurora draytoni</i><br><i>Vireo bellii pusillus</i>                                       | Chorro Creek Bog Thistle<br>California Red-legged Frog<br>Least Bell's Vireo    | E<br>PE<br>E          | Plant<br>Amphibian<br>Bird    | Both<br>Both<br>Onsite                 |
| Camp Shelby                               | NGB    | MS    | MAJ Robert<br>Piazza    | 601-973-6109 | <i>Gopherus polyphemus</i><br><i>Isoetes louisianensis</i><br><i>Picoides borealis</i>                                                               | Gopher Tortoise<br>Louisiana Quillwort<br>Red-cockaded Woodpecker               | T<br>E<br>E           | Reptile<br>Plant<br>Bird      | Both<br>Both<br>Contiguous             |
| Camp Smith                                | NGB    | NY    | MAJ Mark<br>Warnecke    | 518-786-4318 | <i>Acipenser brevirostrum</i><br><i>Falco peregrinus</i><br><i>Haliaeetus leucocephalus</i>                                                          | Shortnose Sturgeon<br>Peregrine Falcon<br>Bald Eagle                            | E<br>E(S/A)<br>T      | Fish<br>Bird<br>Bird          | Contiguous<br>Contiguous<br>Contiguous |
| Carlisle Barracks                         | TRADOC | PE    |                         |              | No Species                                                                                                                                           |                                                                                 |                       |                               |                                        |
| Caswell TS                                | NGB    | ME    | MAJ Tim Bowman          | 207-626-4395 | No Species                                                                                                                                           |                                                                                 |                       |                               |                                        |
| Catoosa TS                                | NGB    | GA    | Jerry Mosley            | 706-935-4897 | No Species                                                                                                                                           |                                                                                 |                       |                               |                                        |
| Cedar City Armory                         | NGB    | UT    | Douglas Johnson         | 801-576-3960 | <i>Cynomys parvidens</i>                                                                                                                             | Utah Prairie Dog                                                                | T                     | Mammal                        | Contiguous                             |
| Central Oregon TS                         | NGB    | OR    | Greg Mitchell           | 503-945-3851 | No Species                                                                                                                                           |                                                                                 |                       |                               |                                        |
| Charles Melvin<br>Price Support<br>Center | AMC    | IL    | C/O Rich Clewell        | 309-782-8252 | No Species                                                                                                                                           |                                                                                 |                       |                               |                                        |
| Clark County TS                           | NGB    | NV    | Loren Brazell           | 702-887-7276 | <i>Empidonax traillii eximius</i><br><i>Gopherus agassizii</i>                                                                                       | Southwestern Willow Flycatcher<br>Desert Tortoise                               | E<br>T                | Bird<br>Reptile               | Both<br>Both                           |
| Command<br>Readiness Center               | NGN    | PR    | CW2 Harry<br>Francis    | 401-457-4234 | No Species                                                                                                                                           |                                                                                 |                       |                               |                                        |
| Cornhusker AAP                            | AMC    | NE    | Scott Smith             | 913-583-3000 | No Species                                                                                                                                           |                                                                                 |                       |                               |                                        |
| Delaware ARNG                             | NGB    | DE    | CPT Scott Ralph         | 302-326-7132 | <i>Acipenser brevirostrum</i>                                                                                                                        | Shortnose Sturgeon                                                              | E                     | Fish                          | Contiguous                             |
| Detroit Arsenal                           | AMC    | MI    | C/O Rich Clewell        | 309-782-8252 | No Species                                                                                                                                           |                                                                                 |                       |                               |                                        |
| Devens RFTA                               | USARC  | MA    | Tom Poole               | 508-796-2747 | <i>Falco peregrinus</i><br><i>Haliaeetus leucocephalus</i>                                                                                           | Peregrine Falcon<br>Bald Eagle                                                  | E(S/A)<br>T           | Bird<br>Bird                  | Both<br>Both                           |

| Installation                  | MACOM   | State | POC               | Phone        | Scientific Name                                                                                                                                                                                                                                                                                                                 | Common Name                                                                                                                                                                                                   | Fed<br>stat                                     | Cat                                                                            | Occur                                                                                |
|-------------------------------|---------|-------|-------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Dillingham TA                 | USARPAC | HI    | Steve Kim         | 808-656-2878 | <i>Anas wyvilliana</i><br><i>Cyperus trachysanthos</i><br><i>Fulica americana alai</i><br><i>Gallinula chloropus sandvicensis</i><br><i>Hibiscus brackenridgei ssp.</i><br><i>mokuleianus</i><br><i>Himantopus mexicanus knudseni</i><br><i>Monachus schauinslandi</i><br><i>Nototrichium humile</i><br><i>Schiedea kealiae</i> | Hawaiian Duck<br>Pu'uka'a<br>Hawaiian Coot<br>Hawaiian Gallinule<br>Ma'o Hau Hele<br><br>Hawaiian Stilt<br>Hawaiian Monk Seal<br>Kulu'i<br>Ma'oli'oli                                                         | E<br>PE<br>E<br>E<br>E<br><br>E<br>E<br>E<br>PE | Bird<br>Plant<br>Bird<br>Bird<br>Plant<br><br>Bird<br>Mammal<br>Plant<br>Plant | Both<br>Onsite<br>Both<br>Both<br>Contiguous<br><br>Both<br>Both<br>Onsite<br>Onsite |
| Dugway Proving Ground         | AMC     | UT    | Scott Bates       | 801-831-3735 | <i>Charadrius montanus</i><br><i>Falco peregrinus anatum</i><br><i>Haliaeetus leucocephalus</i><br><i>Rana pretiosa</i><br><i>Spiranthes diluvialis</i>                                                                                                                                                                         | Mountain Plover<br>American Peregrine Falcon<br>Bald Eagle<br>Spotted Frog<br>Ute Ladies'-tresses                                                                                                             | C<br>E<br>T<br>C<br>T                           | Bird<br>Bird<br>Bird<br>Amphibian<br>Plant                                     | Contiguous<br>Contiguous<br>Both<br>Contiguous<br>Contiguous                         |
| Eastern Kentucky TS           | NGB     | KY    | SGM Harold Disney | 606-546-7838 | No Species                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                               |                                                 |                                                                                |                                                                                      |
| Ethan Allen Air Force Base TS | NGB     | VT    | MAJ Bouchard      | 802-654-0300 | No Species                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                               |                                                 |                                                                                |                                                                                      |
| Ethan allen Firing Range      | NGB     | VT    | MAJ Bouchard      | 802-654-0300 | No Species                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                               |                                                 |                                                                                |                                                                                      |
| Fitzsimmons AMC               | MEDCOM  | CO    | Gilbert Gonzalez  | 210-221-6441 | No Species                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                               |                                                 |                                                                                |                                                                                      |
| Ft. A.P. Hill                 | MDW     | VA    | Heather Mansfield | 804-633-8417 | <i>Haliaeetus leucocephalus</i><br><i>Helonias bullata</i><br><i>Isotria medeoloides</i>                                                                                                                                                                                                                                        | Bald Eagle<br>Swamp Pink<br>Small Whorled Pogonia                                                                                                                                                             | T<br>T<br>T                                     | Bird<br>Plant<br>Plant                                                         | Both<br>Onsite<br>Onsite                                                             |
| Ft. Belvoir                   | MDW     | VA    | Dorothy Keough    | 703-806-4007 | <i>Haliaeetus leucocephalus</i>                                                                                                                                                                                                                                                                                                 | Bald Eagle                                                                                                                                                                                                    | T                                               | Bird                                                                           | Both                                                                                 |
| Ft. Benning                   | TRADOC  | GA    | Randy Druckman    | 706-544-7319 | <i>Alligator mississippiensis</i><br><i>Haliaeetus leucocephalus</i><br><i>Mycteria americana</i><br><i>Picoides borealis</i><br><i>Trillium reliquum</i>                                                                                                                                                                       | American Alligator<br>Bald Eagle<br>Wood Stork<br>Red-cockaded Woodpecker<br>Relict Trillium                                                                                                                  | T(S/A)<br>T<br>E<br>E<br>E                      | Reptile<br>Bird<br>Bird<br>Bird<br>Plant                                       | Both<br>Both<br>Both<br>Onsite<br>Onsite                                             |
| Ft. Bliss                     | TRADOC  | TX    | Rafael Corral     | 915-568-6977 | <i>Coryphantha sneedii var. sneedii</i><br><i>Echinocereus fendleri var. kuenzleri</i><br><i>Empidonax traillii extimus</i><br><i>Falco femoralis septentrionalis</i><br><i>Falco peregrinus anatum</i><br><i>Haliaeetus leucocephalus</i><br><i>Hedeoma todsenii</i><br><i>Strix occidentalis lucida</i>                       | Sneed Pincushion Cactus<br>Kuenzler Hedgehog Cactus<br><br>Southwestern Willow Flycatcher<br>Northern Aplomado Falcon<br>American Peregrine Falcon<br>Bald Eagle<br>Todsens Pennyroyal<br>Mexican Spotted Owl | E<br>E<br><br>E<br>E<br>E<br>T<br>E<br>T        | Plant<br>Plant<br><br>Bird<br>Bird<br>Bird<br>Plant<br>Plant<br>Bird           | Both<br>Contiguous<br><br>Both<br>Contiguous<br>Both<br>Both<br>Contiguous<br>Both   |

| Installation        | MACOM      | State            | POC          | Phone | Scientific Name                       | Common Name                      | Fed<br>stat | Cat     | Occur      |
|---------------------|------------|------------------|--------------|-------|---------------------------------------|----------------------------------|-------------|---------|------------|
| Ft. Bragg           | FORSCOM NC | Scott Bebb       | 910-432-5325 |       | <i>Lysimachia asperulaefolia</i>      | Rough-leaved Loosestrife         | E           | Plant   | Both       |
|                     |            |                  |              |       | <i>Neonympha mitchellii francisci</i> | Saint Francis Satyr Butterfly    | E           | Insect  | Onsite     |
|                     |            |                  |              |       | <i>Picoides borealis</i>              | Red-cockaded Woodpecker          | E           | Bird    | Both       |
|                     |            |                  |              |       | <i>Rhus michauxii</i>                 | Michaux's Sumac                  | E           | Plant   | Both       |
|                     |            |                  |              |       | <i>Schwalbea americana</i>            | American Chaffseed               | E           | Plant   | Both       |
| Ft. Buchanan        | FORSCOM PR | Tony Perez       | 787-273-3508 |       | <i>Banara vanderbiltii</i>            | Palo de Ramon                    | E           | Plant   | Onsite     |
|                     |            |                  |              |       | <i>Buxus vahlii</i>                   | Vahl Boxwood                     | E           | Plant   | Onsite     |
|                     |            |                  |              |       | <i>Daphnopsis hellerana</i>           | No Common Name                   | E           | Plant   | Onsite     |
|                     |            |                  |              |       | <i>Epicrates inornatus</i>            | Puerto Rican Boa                 | E           | Reptile | Onsite     |
|                     |            |                  |              |       | <i>Ottoschulzia rhodoxylon</i>        | Palo de Rosa                     | E           | Plant   | Onsite     |
| Ft. Campbell        | FORSCOM KY | Jeff Jones       | 502-798-9825 |       | <i>Apios priceana</i>                 | Price's Potato Bean              | T           | Plant   | Contiguous |
|                     |            |                  |              |       | <i>Dromus dromas</i>                  | Dromedary Pearly Mussel          | E           | Clam    | Contiguous |
|                     |            |                  |              |       | <i>Epioblasma walkeri</i>             | Tan Riffleshell                  | E           | Clam    | Contiguous |
|                     |            |                  |              |       | <i>Falco peregrinus</i>               | Peregrine Falcon                 | E(S/A)      | Bird    | Both       |
|                     |            |                  |              |       | <i>Haliaeetus leucocephalus</i>       | Bald Eagle                       | T           | Bird    | Both       |
|                     |            |                  |              |       | <i>Lampsilis abrupta</i>              | Pink Mucket Pearlymussel         | E           | Clam    | Contiguous |
|                     |            |                  |              |       | <i>Myotis grisescens</i>              | Gray Bat                         | E           | Mammal  | Contiguous |
|                     |            |                  |              |       | <i>Myotis sodalis</i>                 | Indiana Bat                      | E           | Mammal  | Contiguous |
|                     |            |                  |              |       | <i>Nerodia erythrogaster neglecta</i> | Northern Copperbelly Water Snake | PT          | Reptile | Contiguous |
|                     |            |                  |              |       | <i>Obovaria retusa</i>                | Ring Pink                        | E           | Clam    | Contiguous |
|                     |            |                  |              |       | <i>Plethobasus cooperianus</i>        | Orange Footed Pearly Mussel      | E           | Clam    | Contiguous |
|                     |            |                  |              |       | <i>Pleurobema plenum</i>              | Rough Pigtoe                     | E           | Clam    | Contiguous |
|                     |            |                  |              |       | <i>Quadrula fragosa</i>               | Winged Mapleleaf Mussel          | E           | Clam    | Contiguous |
|                     |            |                  |              |       | <i>Charadrius montanus</i>            | Mountain Plover                  | C           | Bird    | Both       |
|                     |            |                  |              |       | <i>Etheostoma cragini</i>             | Arkansas Darter                  | C           | Fish    | Both       |
| Ft. Carson          | FORSCOM CO | Dave Anderson    | 715-526-4683 |       | <i>Falco peregrinus anatum</i>        | American Peregrine Falcon        | E           | Bird    | Both       |
|                     |            |                  |              |       | <i>Haliaeetus leucocephalus</i>       | Bald Eagle                       | T           | Bird    | Both       |
|                     |            |                  |              |       | <i>Oncorhynchus clarki stomias</i>    | Greenback Cutthroat Trout        | T           | Fish    | Onsite     |
|                     |            |                  |              |       | <i>Spiranthes diluvialis</i>          | Ute Ladies'-tresses              | T           | Plant   | Onsite     |
|                     |            |                  |              |       | <i>Strix occidentalis lucida</i>      | Mexican Spotted Owl              | T           | Bird    | Both       |
|                     |            |                  |              |       | <i>Nicrophorus americanus</i>         | American Burying Beetle          | E           | Insect  | Both       |
|                     |            |                  |              |       | No Species                            |                                  |             |         |            |
|                     |            |                  |              |       | No Species                            |                                  |             |         |            |
|                     |            |                  |              |       | No Species                            |                                  |             |         |            |
|                     |            |                  |              |       | No Species                            |                                  |             |         |            |
| Ft. Chaffee         | TRADOC AR  | Jerry Sturdy     | 501-484-2883 |       | <i>Falco peregrinus</i>               | Peregrine Falcon                 | E(S/A)      | Bird    | Contiguous |
|                     |            |                  |              |       | <i>Haliaeetus leucocephalus</i>       | Bald Eagle                       | T           | Bird    | Both       |
|                     |            |                  |              |       | No Species                            |                                  |             |         |            |
| Ft. Detrick         | MEDCOM MD  | Gilvert Gonzalez | 210-221-6441 |       | No Species                            |                                  |             |         |            |
|                     |            |                  |              |       | No Species                            |                                  |             |         |            |
| Ft. Dix             | FORSCOM NJ | Bert Bivings     | 404-669-7659 |       | No Species                            |                                  |             |         |            |
| Ft. Drum            | FORSCOM NY | Bert Bivings     | 404-669-7659 |       | No Species                            |                                  |             |         |            |
| Ft. Eustis          | TRADOC VA  | Terry Sanders    | 757-878-2375 |       | <i>Falco peregrinus</i>               | Peregrine Falcon                 | E(S/A)      | Bird    | Contiguous |
|                     |            |                  |              |       | <i>Haliaeetus leucocephalus</i>       | Bald Eagle                       | T           | Bird    | Both       |
| Ft. George G. Meade | MDW MD     | Bill Harmyer     | 301-677-9648 |       | No Species                            |                                  |             |         |            |
| Ft. Gillem          | FORSCOM GA | Bert Bivings     | 404-669-7659 |       | No Species                            |                                  |             |         |            |

| Installation       | MACOM   | State | POC                | Phone        | Scientific Name                           | Common Name                    | Fed<br>stat | Cat        | Occur      |
|--------------------|---------|-------|--------------------|--------------|-------------------------------------------|--------------------------------|-------------|------------|------------|
| Ft. Gordon         | TRADOC  | GA    | Ken Boyd           | 706-791-2403 | <i>Haliaeetus leucocephalus</i>           | Bald Eagle                     | T           | Bird       | Onsite     |
|                    |         |       |                    |              | <i>Mycteria americana</i>                 | Wood Stork                     | E           | Bird       | Onsite     |
|                    |         |       |                    |              | <i>Picoides borealis</i>                  | Red-cockaded Woodpecker        | E           | Bird       | Onsite     |
| Ft. Greely         | USARPAC | AK    | William Gossweiler | 907-384-3017 | <i>Falco peregrinus anatum</i>            | American Peregrine Falcon      | E           | Bird       | Onsite     |
| Ft. Hamilton       | FORSCOM | NY    | Bert Bivings       | 404-669-7659 | No Species                                |                                |             |            |            |
| Ft. Hood           | FORSCOM | TX    | Dennis Herbert     | 817-287-2885 | <i>Dendroica chrysoparia</i>              | Golden-cheeked Warbler         | E           | Bird       | Both       |
|                    |         |       |                    |              | <i>Falco peregrinus</i>                   | Peregrine Falcon               | E(S/A)      | Bird       | Both       |
|                    |         |       |                    |              | <i>Grus americana</i>                     | Whooping Crane                 | E           | Bird       | Both       |
|                    |         |       |                    |              | <i>Haliaeetus leucocephalus</i>           | Bald Eagle                     | T           | Bird       | Both       |
|                    |         |       |                    |              | <i>Vireo atricapillus</i>                 | Black-capped Vireo             | E           | Bird       | Both       |
| Ft. Huachuca       | TRADOC  | AZ    | Sheridan Stone     | 520-533-7084 | <i>Ambystoma californiense</i>            | Ambystoma Californiense        | C           | Amphibian  | Both       |
|                    |         |       |                    |              | <i>Empidonax traillii eximius</i>         | Southwestern Willow Flycatcher | E           | Bird       | Contiguous |
|                    |         |       |                    |              | <i>Erigeron lemmonii</i>                  | Lemmon Fleabane                | C           | Plant      | Onsite     |
|                    |         |       |                    |              | <i>Falco peregrinus</i>                   | Peregrine Falcon               | E(S/A)      | Bird       | Both       |
|                    |         |       |                    |              | <i>Leptonycteris curasoae verbabuenae</i> | Lesser Long-nosed Bat          | E           | Mammal     | Both       |
|                    |         |       |                    |              | <i>Lilaeopsis schaffneriana</i>           | Huachuca Water-umbel           | PE          | Plant      | Both       |
|                    |         |       |                    |              | <i>ssp. recurva</i>                       |                                |             |            |            |
|                    |         |       |                    |              | <i>Pyrgulopsis thompsoni</i>              | Huachuca Springsnail           | C           | Snail      | Both       |
|                    |         |       |                    |              | <i>Rana subaquavocalis</i>                | Ramsey Canyon Leopard Frog     | C           | Amphibian  | Both       |
|                    |         |       |                    |              | <i>Rumex orthoneurus</i>                  | Blumer's Dock                  | C           | Plant      | Both       |
|                    |         |       |                    |              | <i>Strix occidentalis lucida</i>          | Mexican Spotted Owl            | T           | Bird       | Both       |
|                    |         |       |                    |              |                                           |                                |             |            |            |
| Ft. Hunter Liggett | USARC   | CA    | Liz Clark          | 408-386-2791 | <i>Ambystoma californiense</i>            | Ambystoma Californiense        | C           | Amphibian  | Both       |
|                    |         |       |                    |              | <i>Branchinecta lynchi</i>                | Vernal Pool Fairy Shrimp       | T           | Crustacean | Onsite     |
|                    |         |       |                    |              | <i>Bufo microscaphus californicus</i>     | Arroyo Southwestern Toad       | E           | Amphibian  | Onsite     |
|                    |         |       |                    |              | <i>Chlorogalum purpureum</i>              | Purple Amole                   | C           | Plant      | Onsite     |
|                    |         |       |                    |              | <i>var. purpureum</i>                     |                                |             |            |            |
|                    |         |       |                    |              | <i>Falco peregrinus anatum</i>            | American Peregrine Falcon      | E           | Bird       | Both       |
|                    |         |       |                    |              | <i>Gymnogyps californianus</i>            | California Condor              | E           | Bird       | Contiguous |
|                    |         |       |                    |              | <i>Haliaeetus leucocephalus</i>           | Bald Eagle                     | T           | Bird       | Both       |
|                    |         |       |                    |              | <i>Rana aurora draytoni</i>               | California Red-legged Frog     | PE          | Amphibian  | Contiguous |
|                    |         |       |                    |              | <i>Vireo bellii pusillus</i>              | Least Bell's Vireo             | E           | Bird       | Both       |
|                    |         |       |                    |              | <i>Vulpes macrotis mutica</i>             | San Joaquin Kit Fox            | E           | Mammal     | Both       |
|                    |         |       |                    |              |                                           |                                |             |            |            |
| Ft. Indiantown Gap | NGB     | PE    | Jeff Olsen         | 717-861-8342 | No Species                                |                                |             |            |            |
|                    |         |       |                    |              |                                           |                                |             |            |            |
| Ft. Irwin          | FORSCOM | CA    | Mickey Quillman    | 619-380-3740 | <i>Astragalus jaegerianus</i>             | Lane Mountain Milk Vetch       | C           | Plant      | Both       |
|                    |         |       |                    |              | <i>Gopherus agassizii</i>                 | Desert Tortoise                | T           | Reptile    | Both       |
| Ft. Jackson        | TRADOC  | SC    | Bruce Cole         | 803-751-7927 | <i>Alligator mississippiensis</i>         | American Alligator             | T(S/A)      | Reptile    | Onsite     |
|                    |         |       |                    |              | <i>Echinacea laevigata</i>                | Smooth Coneflower              | E           | Plant      | Onsite     |
|                    |         |       |                    |              | <i>Haliaeetus leucocephalus</i>           | Bald Eagle                     | T           | Bird       | Onsite     |
|                    |         |       |                    |              | <i>Lysimachia asperulaefolia</i>          | Rough-leaved Loosestrife       | E           | Plant      | Onsite     |
|                    |         |       |                    |              | <i>Picoides borealis</i>                  | Red-cockaded Woodpecker        | E           | Bird       | Onsite     |

| Installation   | MACOM   | State | POC                | Phone        | Scientific Name                                                                                                                                                            | Common Name                                                                                                 | Fed<br>stat                     | Cat                                          | Occur                                                 |
|----------------|---------|-------|--------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------|-------------------------------------------------------|
| Ft. Knox       | TRADOC  | KY    | Donald Sheroan     | 502-624-7373 | <i>Haliaeetus leucocephalus</i><br><i>Myotis grisescens</i><br><i>Myotis sodalis</i>                                                                                       | Bald Eagle<br>Gray Bat<br>Indiana Bat                                                                       | T<br>E<br>E                     | Bird<br>Mammal<br>Mammal                     | Both<br>Onsite<br>Both                                |
| Ft. Lee        | TRADOC  | VA    | Elizabeth Scholl   | 804-734-3560 | <i>Haliaeetus leucocephalus</i>                                                                                                                                            | Bald Eagle                                                                                                  | T                               | Bird                                         | Both                                                  |
| Ft. Lewis      | FORSCOM | WA    | Gary Stedman       | 206-967-5337 | <i>Haliaeetus leucocephalus</i><br><i>Howellia aquatilis</i><br><i>Rana pretiosa</i><br><i>Salvelinus confluentus</i><br><i>Strix occidentalis caurina</i>                 | Bald Eagle<br>Water Howellia<br>Spotted Frog<br>Bull Trout<br>Northern Spotted Owl                          | T<br>T<br>C<br>C<br>T           | Bird<br>Plant<br>Amphibian<br>Fish<br>Bird   | Both<br>Both<br>Both<br>Contiguous<br>Contiguous<br>H |
| Ft. McClellan  | TRADOC  | AL    | Bill Garland       | 205-848-7398 | <i>Cyprinella caerulea</i><br><i>Marshallia mohrii</i><br><i>Myotis grisescens</i><br><i>Picoides borealis</i><br><i>Xyris tennesseensis</i>                               | Blue Shiner<br>Mohr's Barbara Buttons<br>Gray Bat<br>Red-cockaded Woodpecker<br>Tennessee Yellow-eyed Grass | T<br>T<br>E<br>E<br>E           | Fish<br>Plant<br>Mammal<br>Bird<br>Plant     | Both<br>Onsite<br>Both<br>Contiguous<br>Both          |
| Ft. McCoy      | USARC   | WI    | Tim Wilder         | 608-388-5459 | <i>Canis lupus</i><br><i>Falco peregrinus</i><br><i>Haliaeetus leucocephalus</i><br><i>Lycæides melissa samuelis</i>                                                       | Gray Wolf<br>Peregrine Falcon<br>Bald Eagle<br>Karner Blue Butterfly                                        | E<br>E(S/A)<br>T<br>E           | Mammal<br>Bird<br>Bird<br>Insect             | Contiguous<br>Both<br>Both<br>Both                    |
| Ft. McNair     | MDW     | DC    | Jewel Simmons      | 202-685-3387 | No Species                                                                                                                                                                 |                                                                                                             |                                 |                                              |                                                       |
| Ft. McPherson  | FORSCOM | GA    | Bert Bivings       | 404-669-7659 | No Species                                                                                                                                                                 |                                                                                                             |                                 |                                              |                                                       |
| Ft. Meyer      | MDW     | VA    | Jewel Simmons      | 202-685-3387 | No Species                                                                                                                                                                 |                                                                                                             |                                 |                                              |                                                       |
| Ft. Monmouth   | AMC     | NJ    | Dinkel Dasai       | 908-532-1475 | No Species                                                                                                                                                                 |                                                                                                             |                                 |                                              |                                                       |
| Ft. Monroe     | TRADOC  | VA    | Bob Anderson       | 804-727-2077 | No Species                                                                                                                                                                 |                                                                                                             |                                 |                                              |                                                       |
| Ft. Pickett    | USARC   | VA    | Alan Dyck          | 804-292-8501 | <i>Haliaeetus leucocephalus</i><br><i>Rhus michauxii</i>                                                                                                                   | Bald Eagle<br>Michaux's Sumac                                                                               | T<br>E                          | Bird<br>Plant                                | Both<br>Onsite                                        |
| Ft. Polk       | FORSCOM | LA    | Stephanie Stephens | 318-531-6130 | <i>Picoides borealis</i>                                                                                                                                                   | Red-cockaded Woodpecker                                                                                     | E                               | Bird                                         | Both                                                  |
| Ft. Richardson | USARPAC | AK    | William Gossweiler | 907-384-3017 | <i>Falco peregrinus anatum</i>                                                                                                                                             | American Peregrine Falcon                                                                                   | E                               | Bird                                         | Onsite                                                |
| Ft. Riley      | FORSCOM | KS    | Dave Jones         | 913-239-6211 | <i>Charadrius melodus</i><br><i>Falco peregrinus</i><br><i>Haliaeetus leucocephalus</i><br><i>Macrybopsis gelida</i><br><i>Notropis topeka</i><br><i>Sterna antillarum</i> | Piping Plover<br>Peregrine Falcon<br>Bald Eagle<br>Sturgeon Chub<br>Topeka Shiner<br>Least Tern             | T<br>E(S/A)<br>T<br>C<br>C<br>E | Bird<br>Bird<br>Bird<br>Fish<br>Fish<br>Bird | Both<br>Both<br>Both<br>Both<br>Both<br>Both          |
| Ft. Ritchie    | MDW     | MD    | Jewel Simmons      | 202-685-3387 | No Species                                                                                                                                                                 |                                                                                                             |                                 |                                              |                                                       |
| Ft. Rucker     | TRADOC  | AL    | C. Mayo            | 334-255-2416 | <i>Alligator mississippiensis</i><br><i>Haliaeetus leucocephalus</i><br><i>Myotis grisescens</i>                                                                           | American Alligator<br>Bald Eagle<br>Gray Bat                                                                | T(S/A)<br>T<br>E                | Reptile<br>Bird<br>Mammal                    | Both<br>Contiguous<br>Contiguous                      |
| Ft. Rucker     | NGB     | HI    | Melissa Dumarán    | 808-733-4265 | <i>Cyperus trachysanthos</i>                                                                                                                                               | Pu'uka'a                                                                                                    | PE                              | Plant                                        | Onsite                                                |

| Installation                             | MACOM   | State | POC                   | Phone        | Scientific Name                                                                                                                                               | Common Name                                                                                       | Fed<br>stat           | Cat                                     | Occur                                  |
|------------------------------------------|---------|-------|-----------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------|----------------------------------------|
| Ft. Sam Houston                          | MEDCOM  | TX    | Jackie Schlatter      | 210-221-5093 | <i>Dendroica chrysoparia</i><br><i>Vireo atricapillus</i>                                                                                                     | Golden-cheeked Warbler<br>Black-capped Vireo                                                      | E<br>E                | Bird<br>Bird                            | Both<br>Both                           |
| Ft. Sill                                 | TRADOC  | OK    | Glen Wampler          | 405-442-4324 | <i>Vireo atricapillus</i>                                                                                                                                     | Black-capped Vireo                                                                                | E                     | Bird                                    | Both                                   |
| Ft. Stewart &<br>Hunter<br>Army Airfield | FORSCOM | GA    | Tim Beaty             | 912-767-7261 | <i>Acipenser brevirostrum</i><br><i>Drymarchon corais couperi</i><br><i>Haliaeetus leucocephalus</i><br><i>Mycteria americana</i><br><i>Picoides borealis</i> | Shortnose Sturgeon<br>Eastern Indigo Snake<br>Bald Eagle<br>Wood Stork<br>Red-cockaded Woodpecker | E<br>T<br>T<br>E<br>E | Fish<br>Reptile<br>Bird<br>Bird<br>Bird | Both<br>Both<br>Both<br>Both<br>Onsite |
| Ft. Totten                               | FORSCOM | NY    | Bert Bivings          | 404-669-7659 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |
| Ft. Wainwright                           | USARPAC | AK    | William<br>Gossweiler | 907-384-3017 | <i>Falco peregrinus anatum</i>                                                                                                                                | American Peregrine Falcon                                                                         | E                     | Bird                                    | Onsite                                 |
| Gardiner TS                              | NGB     | ME    | MAJ Tim Bowman        | 207-626-4395 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |
| Grubbs/Kyle TC                           | NGB     | TN    | James Wicker          | 616-355-3778 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |
| Hancock Army<br>Complex                  | FORSCOM | NY    | Bert Bivings          | 404-669-7659 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |
| Hastings TS                              | NGB     | NE    | MAJ David<br>Peterson | 402-463-7192 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |
| Hawthorne Army<br>Depot                  | AMC     | NV    | Jim Purrell           | 702-945-7590 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |
| Hollis Plains TS                         | NGB     | ME    | MAJ Tim Bowman        | 207-626-4395 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |
| Holston AAP                              | AMC     | TN    | Gregory Lee           | 423-578-6276 | <i>Haliaeetus leucocephalus</i>                                                                                                                               | Bald Eagle                                                                                        | T                     | Bird                                    | Both                                   |
| Indiana AAP                              | AMC     | IN    | Walt McClellan        | 812-284-7616 | <i>Myotis grisescens</i><br><i>Myotis sodalis</i>                                                                                                             | Gray Bat<br>Indiana Bat                                                                           | E<br>E                | Mammal<br>Mammal                        | Contiguous<br>Contiguous               |
| Iowa AAP                                 | AMC     | IA    | Joe Haffner           | 319-753-7903 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |
| Jefferson Proving<br>Ground              | AMC     | IN    | Ken Knouf             | 812-273-2551 | <i>Delissea subcordata</i><br><i>Myotis sodalis</i>                                                                                                           | 'Oha<br>Indiana Bat                                                                               | PE<br>E               | Bird<br>Mammal                          | Onsite<br>Onsite                       |
| John Sevier Range                        | NGB     | TN    | Vernon Callahan       | 615-423-6655 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |
| Joliet AAP                               | AMC     | IL    | Arthur Holz           | 815-423-2877 | No Species                                                                                                                                                    |                                                                                                   |                       |                                         |                                        |

| Installation | MACOM   | State | POC           | Phone        | Scientific Name                           | Common Name                 | Fed<br>stat | Cat    | Occur      |
|--------------|---------|-------|---------------|--------------|-------------------------------------------|-----------------------------|-------------|--------|------------|
| Kahuku TA    | USARPAC | HI    | Steve Kim     | 808-656-2878 | <i>Achatinella curta</i>                  | Pupu Kuahiwi                | E           | Snail  | Contiguous |
|              |         |       |               |              | <i>Achatinella dimorpha</i>               | Pupu Kuahiwi                | E           | Snail  | Contiguous |
|              |         |       |               |              | <i>Achatinella sowerbyana</i>             | Pupu Kuahiwi                | E           | Snail  | Contiguous |
|              |         |       |               |              | <i>Achatinella valida</i>                 | Pupu Kuahiwi                | E           | Snail  | Contiguous |
|              |         |       |               |              | <i>Adenophorus periens</i>                | No Common Name              | E           | Plant  | Onsite     |
|              |         |       |               |              | <i>Chamaesyce rockii</i>                  | Akoko                       | PE          | Plant  | Contiguous |
|              |         |       |               |              | <i>Chasempis sandwicensis ibidis</i>      | Oahu 'Elepaio               | C           | Bird   | Contiguous |
|              |         |       |               |              | <i>Cyanea grimesiana ssp. grimesiana</i>  | Haha Oha                    | E           | Plant  | Contiguous |
|              |         |       |               |              | <i>Cyanea koolauensis</i>                 | Haha Oha                    | PE          | Plant  | Both       |
|              |         |       |               |              | <i>Cyanea longiflora</i>                  | Haha Oha                    | PE          | Plant  | Both       |
|              |         |       |               |              | <i>Eugenia koolauensis</i>                | Nioi                        | E           | Plant  | Onsite     |
|              |         |       |               |              | <i>Gardenia mannii</i>                    | Nanu                        | PE          | Plant  | Both       |
|              |         |       |               |              | <i>Hesperomannia arborescens</i>          | No Common Name              | E           | Plant  | Both       |
|              |         |       |               |              | <i>Phyllostegia hirsuta</i>               | No Common Name              | PE          | Plant  | Contiguous |
|              |         |       |               |              | <i>Solanum sandwicense</i>                | Popolo 'Aiakeakua           | E           | Plant  | Contiguous |
|              |         |       |               |              | <i>Tetraplasandra gymnocarpa</i>          | 'Ohe'ohe                    | E           | Plant  | Both       |
| Kanalo LTA   | NGB     | HI    | Melissa Dumar | 808-733-4265 | <i>Manduca blackburni</i>                 | Blackburn's Sphinx Moth     | C           | Insect | Onsite     |
|              |         |       |               |              | <i>Pterodroma phaeopygia sandwicensis</i> | Hawaiian Dark-rumped Petrel | E           | Bird   | Onsite     |
|              |         |       |               |              | <i>Sesbania tomentosa</i>                 | Ohai                        | E           | Plant  | Onsite     |
| Kansas AAP   | AMC     | KS    | Alan Hrynek   | 316-421-7427 | No Species                                |                             |             |        |            |

| Installation | MACOM   | State | POC       | Phone        | Scientific Name                                | Common Name        | Fed<br>stat | Cat    | Occur      |
|--------------|---------|-------|-----------|--------------|------------------------------------------------|--------------------|-------------|--------|------------|
| Kawailoa TA  | USARPAC | HI    | Steve Kim | 808-656-2878 | <i>Achatinella rosea</i>                       | Pupu Kuahiwi       | E           | Snail  | Onsite     |
|              |         |       |           |              | <i>Achatinella apexfulva</i>                   | Pupu Kuahiwi       | E           | Snail  | Onsite     |
|              |         |       |           |              | <i>Achatinella bulimoides</i>                  | Pupu Kuahiwi       | E           | Snail  | Onsite     |
|              |         |       |           |              | <i>Achatinella byronii</i>                     | Pupu Kuahiwi       | E           | Snail  | Both       |
|              |         |       |           |              | <i>Achatinella decipiens</i>                   | Pupu Kuahiwi       | E           | Snail  | Both       |
|              |         |       |           |              | <i>Achatinella leucoraphe</i>                  | Pupu Kuahiwi       | E           | Snail  | Onsite     |
|              |         |       |           |              | <i>Achatinella lila</i>                        | Pupu Kuahiwi       | E           | Snail  | Both       |
|              |         |       |           |              | <i>Achatinella livida</i>                      | Pupu Kuahiwi       | E           | Snail  | Both       |
|              |         |       |           |              | <i>Achatinella pulcherrima</i>                 | Pupu Kuahiwi       | E           | Snail  | Onsite     |
|              |         |       |           |              | <i>Achatinella sowerbyana</i>                  | Pupu Kuahiwi       | E           | Snail  | Both       |
|              |         |       |           |              | <i>Achatinella swiftii</i>                     | Pupu Kuahiwi       | E           | Snail  | Onsite     |
|              |         |       |           |              | <i>Adenophorus periens</i>                     | No Common Name     | E           | Plant  | Onsite     |
|              |         |       |           |              | <i>Chamaesyce rockii</i>                       | Akoko              | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Chasiempis sandwicensis ibidis</i>          | Oahu 'Elepaio      | C           | Bird   | Both       |
|              |         |       |           |              | <i>Cyanea acuminata</i>                        | Haha Oha           | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Cyanea grimesiana ssp. grimesiana</i>       | Haha Oha           | E           | Plant  | Both       |
|              |         |       |           |              | <i>Cyanea koolauensis</i>                      | Haha Oha           | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Cyanea longiflora</i>                       | Haha Oha           | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Cyrtandra dentata</i>                       | Ha'i'wale          | PE          | Plant  | Onsite     |
|              |         |       |           |              | <i>Cyrtandra viridiflora</i>                   | Ha'i'wale          | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Delissea subcordata</i>                     | 'Oha               | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Eugenia koolauensis</i>                     | Nioi               | PE          | Plant  | Contiguous |
|              |         |       |           |              | <i>Gardenia mannii</i>                         | Nanu               | E           | Plant  | Contiguous |
|              |         |       |           |              | <i>Hesperomannia arborescens</i>               | No Common Name     | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Labordia cyrtandrae</i>                     | Kamakahala         | E           | Plant  | Both       |
|              |         |       |           |              | <i>Lasiurus cinereus semotus</i>               | Hawaiian Hoary Bat | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Lobelia gaudichaudii</i>                    | Haha Oha           | E           | Mammal | Both       |
|              |         |       |           |              | <i>ssp. koolauensis</i>                        | Haha Oha           | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Lobelia oahuensis</i>                       | Haha Oha           | E           | Plant  | Both       |
|              |         |       |           |              | <i>Lycopodium nutans</i>                       | Wawae 'ole         | E           | Plant  | Onsite     |
|              |         |       |           |              | <i>Melicope lydgatei</i>                       | Alani              | E           | Plant  | Onsite     |
|              |         |       |           |              | <i>Myrsine juddii</i>                          | Kolea              | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Paroreomyza flammea</i>                     | Molokai Creeper    | E           | Bird   | Both       |
|              |         |       |           |              | <i>Phyllostegia hirsuta</i>                    | No Common Name     | PE          | Plant  | Onsite     |
|              |         |       |           |              | <i>Phyllostegia parviflora var. parviflora</i> | No Common Name     | E           | Plant  | Onsite     |
|              |         |       |           |              | <i>Plantago princeps</i>                       | Laukahi Kuahiwi    | E           | Plant  | Both       |
|              |         |       |           |              | <i>var. longibracteata</i>                     |                    |             |        |            |
|              |         |       |           |              | <i>Platanthera holochila</i>                   | No Common Name     | PE          | Plant  | Contiguous |
|              |         |       |           |              | <i>Pteris lidgatei</i>                         | No Common Name     | E           | Plant  | Onsite     |
|              |         |       |           |              | <i>Rollandia crispa</i>                        | Haha Oha           | E           | Plant  | Both       |
|              |         |       |           |              | <i>Sanicula purpurea</i>                       | No Common Name     | PE          | Plant  | Both       |
|              |         |       |           |              | <i>Tetraplasandra gymnocarpa</i>               | 'Ohe 'ohe          | E           | Plant  | Both       |
|              |         |       |           |              | <i>Viola oahuensis</i>                         | No Common Name     | PE          | Plant  | Both       |



| Installation               | MACOM   | State | POC             | Phone        | Scientific Name                                        | Common Name             | Fed stat | Cat    | Occur      |
|----------------------------|---------|-------|-----------------|--------------|--------------------------------------------------------|-------------------------|----------|--------|------------|
| Makua Military Reservation | USARPAC | HI    | Steve Kim       | 808-656-2878 | <i>Achatinella mustelina</i>                           | Pupu Kuahiwi            | E        | Snail  | Both       |
|                            |         |       |                 |              | <i>Alectryon macrococcus</i> var. <i>macrococcus</i>   | Mahoe Ala'alahua        | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Alsinidendron obovatum</i>                          | No Common Name          | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Bonania menziesii</i>                               | No Common Name          | E        | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Caesalpinia kavaiense</i>                           | Uhiuhi                  | E        | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Cenchrus agrimonoides</i>                           | Kamanomano              | PE       | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Chasiempis sandwichensis ibidis</i>                 | Oahu 'Elepaio           | C        | Bird   | Both       |
|                            |         |       |                 |              | <i>Ctenitis squamigera</i>                             | Pauoa                   | E        | Plant  | Contiguous |
|                            |         |       |                 |              | <i>Cyanea superba</i> ssp. <i>superba</i>              | Oha                     | E        | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Delissea subcordata</i>                             | Oha                     | PE       | Plant  | Contiguous |
|                            |         |       |                 |              | <i>Diellia falcata</i>                                 | No Common Name          | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Dubautia herbstobatae</i>                           | Na'ena'e                | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Euphorbia haelealeana</i>                           | Akoko                   | PE       | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Flueggea neowawraea</i>                             | Mehamehame              | E        | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Hedyotis parvula</i>                                | No Common Name          | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Lepidium arbuscula</i>                              | Anaunau                 | PE       | Plant  | Both       |
|                            |         |       |                 |              | <i>Lipochaeta tenuifolia</i>                           | Nehe                    | E        | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Lobelia niihauensis</i>                             | Haha Oha                | E        | Plant  | Contiguous |
|                            |         |       |                 |              | <i>Neraudia angulata</i> var. <i>angulata</i>          | Ma'aloa                 | E        | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Neraudia angulata</i> var. <i>dentata</i>           | Ma'aloa                 | E        | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Nototrichium humile</i>                             | Kulu'i                  | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Paroreomyza flammea</i>                             | Molokai Creeper         | E        | Bird   | Both       |
|                            |         |       |                 |              | <i>Plantago princeps</i> var. <i>princeps</i>          | Laukahi Kuahiwi         | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Pritchardia kaalae</i>                              | Loulu                   | PE       | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Sanicula maritima</i>                               | No Common Name          | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Schiedea hookeri</i>                                | No Common Name          | PE       | Plant  | Both       |
|                            |         |       |                 |              | <i>Schiedea nuttallii</i>                              | No Common Name          | PE       | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Silene lanceolata</i>                               | Lanceleaf Catchfly      | E        | Plant  | Onsite     |
|                            |         |       |                 |              | <i>Spermolepis hawaiiensis</i>                         | Hawaiian Parsley        | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Tetramolopium filiforme</i> var. <i>polyphyllum</i> | No Common Name          | E        | Plant  | Both       |
|                            |         |       |                 |              | <i>Tetramolopium lepidotum</i> ssp. <i>lepidotum</i>   | No Common Name          | E        | Plant  | Contiguous |
|                            |         |       |                 |              | <i>Viola chamissoniana</i> ssp. <i>chamissoniana</i>   | Pamakani                | E        | Plant  | Onsite     |
| Marseilles TA              | NGB     | IL    | Jon Casebeer    | 217-785-3592 | No Species                                             |                         |          |        |            |
| Martinez Reserve Center    | USARC   | FL    | John Nettles    | 305-378-4822 | <i>Chamaesyce deltoidea</i> ssp. <i>deltoidea</i>      | Deltoide Spurge         | E        | Plant  | Both       |
| McAlester AAP              | AMC     | OK    | Bill Starry     | 918-421-2611 | <i>Nicrophorus americanus</i>                          | American Burying Beetle | E        | Insect | Both       |
| Mead TS                    | NGB     | NE    | CPT Vic Siedler | 402-944-2150 | No Species                                             |                         |          |        |            |
| Milan AAP                  | AMC     | TN    | Cooper Stephens | 901-686-6611 | No Species                                             |                         |          |        |            |

| Installation                     | MACOM   | State | POC                   | Phone        | Scientific Name                                                                                                           | Common Name                                                                                | Fed<br>stat      | Cat                               | Occur                              |
|----------------------------------|---------|-------|-----------------------|--------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------|-----------------------------------|------------------------------------|
| Milari TS                        | NGB     | TN    | Jerry Yearwood        | 901-783-3975 | No Species                                                                                                                |                                                                                            |                  |                                   |                                    |
| Natick RD&E<br>Center            | AMC     | MA    | C/O Rich Clewell      | 309-782-8252 | No Species                                                                                                                |                                                                                            |                  |                                   |                                    |
| NE-ARNG                          | NGB     | NE    | CPT David<br>Wunibald | 402-471-7136 | No Species                                                                                                                |                                                                                            |                  |                                   |                                    |
| New Jersey<br>National Guard     | NGB     | NJ    | Dean Arrighi          | 609-530-7136 | No Species                                                                                                                |                                                                                            |                  |                                   |                                    |
| Newport Chemical<br>Depot        | AMC     | IN    | Phillip Cox           | 317-245-4324 | <i>Haliaeetus leucocephalus</i>                                                                                           | Bald Eagle                                                                                 | T                | Bird                              | Both                               |
| Oakland Army<br>Base             | MTMC    | CA    | Richard Andrews       | 510-466-2694 | No Species                                                                                                                |                                                                                            |                  |                                   |                                    |
| Orchard TA                       | NGB     | ID    | Dana Quinney          | 208-422-4181 | No Species                                                                                                                |                                                                                            |                  |                                   |                                    |
| Parks RFTA                       | USARC   | CA    | Marshall Mark         | 510-803-5638 | <i>Rana aurora draytoni</i><br><i>Vulpes macrotis mulica</i>                                                              | California Red-legged Frog<br>San Joaquin Kit Fox                                          | PE<br>E          | Amphibian<br>Mammal               | Both<br>Contiguous                 |
| Picatinny Arsenal<br>Tacom-ARDEC | AMC     | NJ    | Jon Vandeventer       | 201-724-4691 | <i>Clemmys muhlenbergii</i><br><i>Falco peregrinus anatum</i><br><i>Haliaeetus leucocephalus</i><br><i>Myotis sodalis</i> | Bog (Northern Population) Turtle<br>American Peregrine Falcon<br>Bald Eagle<br>Indiana Bat | C<br>E<br>T<br>E | Reptile<br>Bird<br>Bird<br>Mammal | Contiguous<br>Both<br>Both<br>Both |
| Pine Bluff Arsenal               | AMC     | AR    | Charles Becker        | 501-540-2834 | <i>Alligator mississippiensis</i><br><i>Haliaeetus leucocephalus</i>                                                      | American Alligator<br>Bald Eagle                                                           | T(S/A)<br>T      | Reptile<br>Bird                   | Both<br>Both                       |
| Pinon Canyon<br>Maneuver Site    | FORSCOM | CO    | Dave Anderson         | 715-526-4683 | <i>Charadrius montanus</i><br><i>Falco peregrinus anatum</i><br><i>Haliaeetus leucocephalus</i><br><i>Vulpes velox</i>    | Mountain Plover<br>American Peregrine Falcon<br>Bald Eagle<br>Swift Fox                    | C<br>E<br>T<br>C | Bird<br>Bird<br>Bird<br>Mammal    | Both<br>Both<br>Both<br>Both       |
| Plymouth TS                      | NGB     | ME    | MAJ Tim Bowman        | 207-626-4395 | No Species                                                                                                                |                                                                                            |                  |                                   |                                    |

| Installation          | MACOM   | State | POC              | Phone        | Scientific Name                                | Common Name                     | Fed<br>stat | Cat       | Occur      |
|-----------------------|---------|-------|------------------|--------------|------------------------------------------------|---------------------------------|-------------|-----------|------------|
| Pohakuloa TA          | USARPAC | HI    | Trisha Tierney   | 808-969-3340 | <i>Asplenium fragile</i> var. <i>insulare</i>  | Fragile Fern                    | E           | Plant     | Onsite     |
|                       |         |       |                  |              | <i>Buteo solitarius</i>                        | Hawaiian Hawk                   | E           | Bird      | Both       |
|                       |         |       |                  |              | <i>Corvus hawaiiensis</i>                      | Alala Hawaiian Crow             | E           | Bird      | Contiguous |
|                       |         |       |                  |              | <i>Haplostachys haplostachya</i>               | No Common Name                  | E           | Plant     | Both       |
|                       |         |       |                  |              | <i>Hedyotis coriacea</i>                       | Kio'ele                         | E           | Plant     | Onsite     |
|                       |         |       |                  |              | <i>Hemignathus munroi</i>                      | 'Akiapola'au                    | E           | Bird      | Both       |
|                       |         |       |                  |              | <i>Lasiurus cinereus semotus</i>               | Hawaiian Hoary Bat              | E           | Mammal    | Both       |
|                       |         |       |                  |              | <i>Loxioides bailleui</i>                      | Palila                          | E           | Bird      | Both       |
|                       |         |       |                  |              | <i>Loxops coccineus coccineus</i>              | Hawaii 'Akepa                   | E           | Bird      | Both       |
|                       |         |       |                  |              | <i>Nerodia ovata</i>                           | Ma'aloua                        | PE          | Plant     | Onsite     |
|                       |         |       |                  |              | <i>Nesochen sandvicensis</i>                   | Hawaiian Goose                  | E           | Bird      | Both       |
|                       |         |       |                  |              | <i>Oreomystis mana</i>                         | Hawaii Creeper                  | E           | Bird      | Contiguous |
|                       |         |       |                  |              | <i>Portulaca sclerocarpa</i>                   | Po'e                            | E           | Plant     | Both       |
|                       |         |       |                  |              | <i>Psittirostra psittacea</i>                  | O'u                             | E           | Bird      | Contiguous |
|                       |         |       |                  |              | <i>Pterodroma phaeopygia</i>                   | Hawaiian Dark-rumped Petrel     | E           | Bird      | Contiguous |
|                       |         |       |                  |              | <i>sandwichensis</i>                           |                                 |             |           |            |
|                       |         |       |                  |              | <i>Silene hawaiiensis</i>                      | Hawaiian Catchfly               | T           | Plant     | Onsite     |
|                       |         |       |                  |              | <i>Silene lanceolata</i>                       | Lanceleaf Catchfly              | E           | Plant     | Onsite     |
|                       |         |       |                  |              | <i>Solanum incompletum</i>                     | Spiny Popolo                    | E           | Plant     | Onsite     |
|                       |         |       |                  |              | <i>Spermolepis hawaiiensis</i>                 | Hawaiian Parsley                | E           | Plant     | Onsite     |
|                       |         |       |                  |              | <i>Stenogyne angustifolia</i>                  | No Common Name                  | E           | Plant     | Onsite     |
|                       |         |       |                  |              | <i>Tetramolopium arenarium</i>                 | Mauna Kea Pamakani              | E           | Plant     | Onsite     |
|                       |         |       |                  |              | <i>Zanthoxylum hawaiiense</i>                  | A'e                             | E           | Plant     | Both       |
| Pom Annex             | TRADOC  | CA    | Jane Holte       | 408-242-7917 | <i>Anniella pulchra nigra</i>                  | California Black Legless Lizard | PE          | Reptile   | Both       |
|                       |         |       |                  |              | <i>Charadrius alexandrinus nivosus</i>         | Western Snowy Plover            | T           | Bird      | Both       |
|                       |         |       |                  |              | <i>Chorizanthe pungens</i> var. <i>pungens</i> | Monterey Spineflower            | T           | Plant     | Both       |
|                       |         |       |                  |              | <i>Chorizanthe robusta</i>                     | Robust Spineflower              | E           | Plant     | Both       |
|                       |         |       |                  |              | <i>Euphilotes enoptes smithi</i>               | Smith's Blue Butterfly          | E           | Insect    | Both       |
|                       |         |       |                  |              | <i>Gilia tenuiflora</i> ssp. <i>arenaria</i>   | Monterey Sand Gilia             | E           | Plant     | Both       |
|                       |         |       |                  |              | <i>Piperia yadonii</i>                         | Yadon's Piperia                 | PE          | Plant     | Both       |
|                       |         |       |                  |              | <i>Rana aurora draytoni</i>                    | California Red-legged Frog      | PE          | Amphibian | Contiguous |
|                       |         |       |                  |              |                                                |                                 |             |           |            |
|                       |         |       |                  |              |                                                |                                 |             |           |            |
| Presidio of Monterey  | TRADOC  | CA    | Jane Holte       | 408-242-7917 | <i>Piperia yadonii</i>                         | Yadon's Piperia                 | PE          | Plant     | Both       |
| Pueblo Depot Activity | AMC     | CO    | C/O Rich Clewell | 309-782-8252 | No Species                                     |                                 |             |           |            |

| Installation                | MACOM | State | POC              | Phone        | Scientific Name                                    | Common Name                     | Fed<br>stat | Cat        | Occur      |
|-----------------------------|-------|-------|------------------|--------------|----------------------------------------------------|---------------------------------|-------------|------------|------------|
| Pu'u Pa LTA                 | NGB   | HI    | Melissa Dumarcan | 808-733-4265 | <i>Buteo solitarius</i>                            | Hawaiian Hawk                   | E           | Bird       | Onsite     |
|                             |       |       |                  |              | <i>Colubrina oppositifolia</i>                     | Kaula                           | E           | Plant      | Onsite     |
|                             |       |       |                  |              | <i>Lasitrus cinereus semotus</i>                   | Hawaiian Hoary Bat              | E           | Mammal     | Onsite     |
|                             |       |       |                  |              | <i>Lipochaeta venosa</i>                           | No Common Name                  | E           | Plant      | Onsite     |
|                             |       |       |                  |              | <i>Loxops coccineus coccineus</i>                  | Hawaii 'Akepa                   | E           | Bird       | Onsite     |
|                             |       |       |                  |              | <i>Nothoestrum breviflorum</i>                     | Aiea                            | E           | Plant      | Onsite     |
|                             |       |       |                  |              | <i>Oreomystis mana</i>                             | Hawaii Creeper                  | E           | Bird       | Onsite     |
|                             |       |       |                  |              | <i>Portulaca sclerocarpa</i>                       | Po'e                            | E           | Plant      | Onsite     |
|                             |       |       |                  |              | <i>Stenogyne angustifolia</i>                      | No Common Name                  | E           | Plant      | Onsite     |
|                             |       |       |                  |              | <i>Tetramolopium arenarium</i><br><i>arenarium</i> | No Common Name                  | E           | Plant      | Onsite     |
| Radford AAP                 | AMC   | VA    | Charles Chase    | 540-693-8649 | <i>Echinacea laevigata</i>                         | Smooth Coneflower               | E           | Plant      | Contiguous |
| Ravenna AAP                 | AMC   | OH    | Tim Morgan       | 330-358-7311 | <i>Polygiscus virginianus</i>                      | Virginia Fringed Mountain Snail | E           | Snail      | Both       |
|                             |       |       |                  |              | <i>Aconitum noveboracense</i>                      | Northern Wild Monkshood         | T           | Plant      | Contiguous |
|                             |       |       |                  |              | <i>Haliaeetus leucocephalus</i>                    | Bald Eagle                      | T           | Bird       | Contiguous |
|                             |       |       |                  |              | <i>Myotis sodalis</i>                              | Indiana Bat                     | E           | Mammal     | Contiguous |
| Red River Army Depot        | AMC   | TX    | Bennie Murray    | 903-334-2379 | No Species                                         |                                 |             |            |            |
| Redstone Arsenal            | AMC   | AL    | Danny Dunn       | 205-955-6970 | <i>Alligator mississippiensis</i>                  | American Alligator              | T(S/A)      | Reptile    | Both       |
|                             |       |       |                  |              | <i>Apios priceana</i>                              | Price's Potato Bean             | T           | Plant      | Onsite     |
|                             |       |       |                  |              | <i>Falco peregrinus anatum</i>                     | American Peregrine Falcon       | E           | Bird       | Both       |
|                             |       |       |                  |              | <i>Haliaeetus leucocephalus</i>                    | Bald Eagle                      | T           | Bird       | Both       |
|                             |       |       |                  |              | <i>Myotis grisescens</i>                           | Gray Bat                        | E           | Mammal     | Both       |
|                             |       |       |                  |              | <i>Palaemonias alabamiae</i>                       | Alabama Cave Shrimp             | E           | Crustacean | Both       |
| Regional Training Institute | NGB   | NH    | Zachary Boyajian | 603-228-1135 | <i>Isotria medeoloides</i>                         | Small Whorled Pogonia           | T           | Plant      | Contiguous |
| Riley-Bog Brook TS          | NGB   | ME    | MAJ Tim Bowman   | 207-626-4395 | No Species                                         |                                 |             |            |            |
| Rock Island Arsenal         | AMC   | IL    | Rich Todd        | 309-782-2045 | <i>Haliaeetus leucocephalus</i>                    | Bald Eagle                      | T           | Bird       | Both       |
| Savanna Army Depot Activity | AMC   | IL    | Bob Speaker      | 815-273-8533 | <i>Haliaeetus leucocephalus</i>                    | Bald Eagle                      | T           | Bird       | Both       |
|                             |       |       |                  |              | <i>Lampsilis higginsii</i>                         | Higgins' Eye Pearlymussel       | E           | Clam       | Both       |
|                             |       |       |                  |              | <i>Myotis sodalis</i>                              | Indiana Bat                     | E           | Mammal     | Contiguous |

| Installation                                  | MACOM   | State | POC       | Phone        | Scientific Name                                         | Common Name          | Fed<br>stat | Cat    | Occur      |
|-----------------------------------------------|---------|-------|-----------|--------------|---------------------------------------------------------|----------------------|-------------|--------|------------|
| Schofield Barracks<br>Military<br>Reservation | USARPAC | HI    | Steve Kim | 808-656-2878 | <i>Abutilon sandwicense</i>                             | No Common Name       | E           | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Achatinella apextulva</i>                            | Pupu Kuahiwi         | E           | Snail  | Onsite     |
|                                               |         |       |           |              | <i>Achatinella byronii</i>                              | Pupu Kuahiwi         | E           | Snail  | Both       |
|                                               |         |       |           |              | <i>Achatinella decipiens</i>                            | Pupu Kuahiwi         | E           | Snail  | Both       |
|                                               |         |       |           |              | <i>Achatinella leucorraphe</i>                          | Pupu Kuahiwi         | E           | Snail  | Both       |
|                                               |         |       |           |              | <i>Achatinella mustelina</i>                            | Pupu Kuahiwi         | E           | Snail  | Both       |
|                                               |         |       |           |              | <i>Achatinella sowerbyana</i>                           | Pupu Kuahiwi         | E           | Snail  | Both       |
|                                               |         |       |           |              | <i>Achatinella swiftii</i>                              | Pupu Kuahiwi         | E           | Snail  | Both       |
|                                               |         |       |           |              | <i>Alectryon macrococcus</i><br>var. <i>macrococcus</i> | Mahoe Ala'alahua     | E           | Plant  | Both       |
|                                               |         |       |           |              | <i>Alsinidendron trinerve</i>                           | No Common Name       | E           | Plant  | Both       |
|                                               |         |       |           |              | <i>Cenchrus agrimonoides</i>                            | Kamanomano           | PE          | Plant  | Onsite     |
|                                               |         |       |           |              | <i>Chamaesyce rockii</i>                                | Akoko                | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Chaslempis sandwicensis ibidis</i>                   | Oahu 'Elepaio        | C           | Bird   | Both       |
|                                               |         |       |           |              | <i>Ctenitis squamigera</i>                              | Paoua                | E           | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Cyanea acuminata</i>                                 | Haha Oha             | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Cyanea grimesiana ssp. grimesiana</i>                | Haha Oha             | E           | Plant  | Both       |
|                                               |         |       |           |              | <i>Cyanea grimesiana ssp. obatae</i>                    | Haha Oha             | E           | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Cyanea koolauensis</i>                               | Haha Oha             | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Cyanea longiflora</i>                                | Haha Oha             | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Cyanea superba ssp. superba</i>                      | Oha                  | E           | Plant  | Onsite     |
|                                               |         |       |           |              | <i>Cyrtandra subumbellata</i>                           | Haha Oha             | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Delissea subcordata</i>                              | Haha Oha             | PE          | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Diellia falcata</i>                                  | Haha Oha             | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Diplazium molokaiense</i>                            | No Common Name       | E           | Plant  | Both       |
|                                               |         |       |           |              | <i>Eragrostis fosbergii</i>                             | No Common Name       | E           | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Flueggea neowawraea</i>                              | Fosberg's Love Grass | PE          | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Gardenia mannii</i>                                  | Mehamehame           | E           | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Hesperomannia arborescens</i>                        | Nanu                 | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Isodendron laurifolium</i>                           | No Common Name       | E           | Plant  | Both       |
|                                               |         |       |           |              | <i>Labordia cyrtandrae</i>                              | Aupaka               | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Lasiurus cinereus semotus</i>                        | Kamakahala           | PE          | Plant  | Onsite     |
|                                               |         |       |           |              | <i>Lepidium arbuscula</i>                               | Hawaiian Hoary Bat   | E           | Mammal | Both       |
|                                               |         |       |           |              | <i>Lipochaeta lobata var. leptophylla</i>               | Anaunau              | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Lobelia niihauensis</i>                              | Nehe                 | E           | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Lobelia oahuensis</i>                                | Haha Oha             | E           | Plant  | Both       |
|                                               |         |       |           |              | <i>Lycopodium nutans</i>                                | Haha Oha             | E           | Plant  | Both       |
|                                               |         |       |           |              | <i>Neraudia angulata var. angulata</i>                  | Wawae'ole            | E           | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Neraudia angulata var. dentata</i>                   | Ma'aloa              | E           | Plant  | Onsite     |
|                                               |         |       |           |              | <i>Nototrichium humile</i>                              | Ma'aloa              | E           | Plant  | Onsite     |
|                                               |         |       |           |              | <i>Paroreomyza flammea</i>                              | Kulu'i               | E           | Plant  | Contiguous |
|                                               |         |       |           |              | <i>Phyllostegia hirsuta</i>                             | Molokai Creeper      | E           | Bird   | Both       |
|                                               |         |       |           |              | <i>Phyllostegia mollis</i>                              | No Common Name       | PE          | Plant  | Both       |
|                                               |         |       |           |              | <i>Pritchardia kaalae</i>                               | No Common Name       | E           | Plant  | Contiguous |
|                                               |         |       |           |              |                                                         | Loulu                | PE          | Plant  | Contiguous |

| Installation                                     | MACOM   | State | POC              | Phone        | Scientific Name                  | Common Name              | Fed<br>stat | Cat    | Occur      |
|--------------------------------------------------|---------|-------|------------------|--------------|----------------------------------|--------------------------|-------------|--------|------------|
| Schofield Barracks Military Reservation (Cont'd) | USARPAC | HI    | Steven Kim       | 808-656-2878 | <i>Pteris lidgatei</i>           | No Common Name           | E           | Plant  | Onsite     |
|                                                  |         |       |                  |              | <i>Sanicula purpurea</i>         | No Common Name           | PE          | Plant  | Both       |
|                                                  |         |       |                  |              | <i>Schiedtea hookeri</i>         | No Common Name           | PE          | Plant  | Both       |
|                                                  |         |       |                  |              | <i>Schiedtea nuttallii</i>       | No Common Name           | PE          | Plant  | Contiguous |
|                                                  |         |       |                  |              | <i>Solanum sandwicense</i>       | Popolo 'Aiakaekua        | E           | Plant  | Contiguous |
|                                                  |         |       |                  |              | <i>Stenogyne kanehoana</i>       | No Common Name           | E           | Plant  | Contiguous |
|                                                  |         |       |                  |              | <i>Tetramolopium lepidotum</i>   | No Common Name           | E           | Plant  | Contiguous |
|                                                  |         |       |                  |              | <i>ssp. lepidotum</i>            |                          |             |        |            |
|                                                  |         |       |                  |              | <i>Tetraplasandra gymnocarpa</i> | 'Ohe'ohe                 | E           | Plant  | Both       |
|                                                  |         |       |                  |              | <i>Urera kaalae</i>              | Opuhe                    | E           | Plant  | Both       |
| Sea Girt National Guard TC                       | NGB     | NJ    | Donald Beck      | 908-974-5950 | <i>Viola chamissoniana</i>       | Pamakani                 | E           | Plant  | Both       |
|                                                  |         |       |                  |              | <i>ssp. chamissoniana</i>        |                          |             |        |            |
|                                                  |         |       |                  |              | <i>Viola oahuensis</i>           | No Common Name           | PE          | Plant  | Both       |
|                                                  |         |       |                  |              | No Species                       |                          |             |        |            |
| Seneca Army Depot                                | AMC     | NY    | Michael Stofka   | 607-869-1532 | No Species                       |                          |             |        |            |
|                                                  |         |       |                  |              |                                  |                          |             |        |            |
| Sierra Army Depot                                | AMC     | CA    | John Colberg     | 916-827-4454 | <i>Falco peregrinus</i>          | Peregrine Falcon         | E(S/A)      | Bird   | Both       |
|                                                  |         |       |                  |              | <i>Haliaeetus leucocephalus</i>  | Bald Eagle               | T           | Bird   | Both       |
|                                                  |         |       |                  |              | <i>Haliaeetus leucocephalus</i>  | Bald Eagle               | T           | Bird   | Both       |
|                                                  |         |       |                  |              | <i>Lampsilis abrupta</i>         | Pink Mucket Pearlymussel | E           | Clam   | Contiguous |
|                                                  |         |       |                  |              | <i>Macrhybopsis gelida</i>       | Sturgeon Chub            | C           | Fish   | Contiguous |
|                                                  |         |       |                  |              | <i>Macrhybopsis meeki</i>        | Sicklefin Chub           | C           | Fish   | Contiguous |
|                                                  |         |       |                  |              | <i>Myotis grisescens</i>         | Gray Bat                 | E           | Mammal | Contiguous |
|                                                  |         |       |                  |              | <i>Notropis topeka</i>           | Topeka Shiner            | C           | Fish   | Contiguous |
|                                                  |         |       |                  |              | <i>Scaphirhynchus albus</i>      | Pallid Sturgeon          | E           | Fish   | Contiguous |
|                                                  |         |       |                  |              | <i>Sterna antillarum</i>         | Least Tern               | E           | Bird   | Both       |
| St. George Armory                                | NGB     | UT    | Douglas Johnson  | 801-576-3960 | <i>Arctomecon humilis</i>        | Dwarf Bearclaw Poppy     | E           | Plant  | Both       |
| State Military Reservation                       | NGB     | NH    | Zachary Boyajian | 603-228-1135 | <i>Lycæides melissa samuelis</i> | Karner Blue Butterfly    | E           | Insect | Contiguous |
|                                                  |         |       |                  |              |                                  |                          |             |        |            |
| Stead TS                                         | NGB     | NV    | Loren Brazell    | 702-887-7276 | <i>Falco peregrinus</i>          | Peregrine Falcon         | E(S/A)      | Bird   | Both       |
|                                                  |         |       |                  |              | <i>Haliaeetus leucocephalus</i>  | Bald Eagle               | T           | Bird   | Both       |
| Sunflower AAP                                    | AMC     | KS    | Scott Smith      | 913-583-3000 | <i>Asclepias meadii</i>          | Mead's Milkweed          | T           | Plant  | Contiguous |
|                                                  |         |       |                  |              | <i>Falco peregrinus</i>          | Peregrine Falcon         | E(S/A)      | Bird   | Contiguous |
|                                                  |         |       |                  |              | <i>Haliaeetus leucocephalus</i>  | Bald Eagle               | T           | Bird   | Both       |

| Installation            | MACOM   | State | POC              | Phone        | Scientific Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Common Name                                                                                                                                                                                                                                                                                                                                                             | Fed<br>stat                                                                                 | Cat                                                                                                                                                        | Occur                                                                                                                                                                                                        |
|-------------------------|---------|-------|------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sunny Point             | MTMC    | NC    | Tony Gaw         | 910-457-8429 | <i>Acipenser brevirostrum</i><br><i>Alligator mississippiensis</i><br><i>Amaranthus pumilus</i><br><i>Caretta caretta</i><br><i>Charadrius melodus</i><br><i>Chelonia mydas</i><br><i>Dermochelys coriacea</i><br><i>Falco peregrinus</i><br><i>Felis concolor cougar</i><br><i>Haliaeetus leucocephalus</i><br><i>Lepidochelys kempii</i><br><i>Lysimachia asperulaefolia</i><br><i>Myiarcha cinerascens</i><br><i>Picoides borealis</i><br><i>Sterna dougallii dougallii</i><br><i>Thalictum cooleyi</i><br><i>Trichechus manatus</i> | Shorthose Sturgeon<br>American Alligator<br>Seabeach Amaranth<br>Loggerhead Sea Turtle<br>Piping Plover<br>Green Sea Turtle<br>Leatherback Sea Turtle<br>Peregrine Falcon<br>Eastern Cougar<br>Bald Eagle<br>Kemp's Ridley Sea Turtle<br>Rough-leaved Loosestrife<br>Wood Stork<br>Red-cockaded Woodpecker<br>Roseate Tern<br>Cooley's Meadowrue<br>West Indian Manatee | E<br>T(S/A)<br>T<br>T<br>T<br>T<br>E<br>E(S/A)<br>E<br>T<br>E<br>E<br>E<br>E<br>E<br>E<br>E | Fish<br>Reptile<br>Plant<br>Reptile<br>Bird<br>Reptile<br>Reptile<br>Bird<br>Mammal<br>Bird<br>Reptile<br>Plant<br>Bird<br>Bird<br>Bird<br>Plant<br>Mammal | Contiguous<br>Both<br>Contiguous<br>Contiguous<br>Contiguous<br>Contiguous<br>Contiguous<br>Contiguous<br>Both<br>Both<br>Contiguous<br>Both<br>Contiguous<br>Both<br>Contiguous<br>Contiguous<br>Contiguous |
| Tobyhanna Army Depot    | AMC     | PE    | Randy Didier     | 717-895-7090 | No Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                            |                                                                                                                                                                                                              |
| Tooele Army Depot       | AMC     | UT    | Mason Walker     | 801-833-8733 | <i>Falco peregrinus anatum</i><br><i>Haliaeetus leucocephalus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | American Peregrine Falcon<br>Bald Eagle                                                                                                                                                                                                                                                                                                                                 | E<br>T                                                                                      | Bird<br>Bird                                                                                                                                               | Both<br>Both                                                                                                                                                                                                 |
| Truman TS               | NGB     | MO    | Eugene Young     | 573-526-9418 | <i>Asclepias meadii</i><br><i>Haliaeetus leucocephalus</i><br><i>Myotis grisescens</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mead's Milkweed<br>Bald Eagle<br>Gray Bat                                                                                                                                                                                                                                                                                                                               | T<br>T<br>E                                                                                 | Plant<br>Bird<br>Mammal                                                                                                                                    | Contiguous<br>Both<br>Contiguous                                                                                                                                                                             |
| Tulahoma TS             | NGB     | TN    | Harvey White     | 615-454-1964 | <i>Helianthus eggertii</i><br><i>Myotis grisescens</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Eggert's Sunflower<br>Gray Bat                                                                                                                                                                                                                                                                                                                                          | PT<br>E                                                                                     | Plant<br>Mammal                                                                                                                                            | Both<br>Contiguous                                                                                                                                                                                           |
| Twin Cities AAP         | AMC     | MN    | Douglas Rhead    | 612-633-2303 | <i>Haliaeetus leucocephalus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Bald Eagle                                                                                                                                                                                                                                                                                                                                                              | T                                                                                           | Bird                                                                                                                                                       | Both                                                                                                                                                                                                         |
| Ukumehame Firing Range  | NGB     | HI    | Melissa Dumar    | 808-733-4265 | No Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                            |                                                                                                                                                                                                              |
| Umatilla Chemical Depot | AMC     | OR    | Bob Nelson       | 541-564-5252 | No Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                            |                                                                                                                                                                                                              |
| VA-ARNG                 | NGB     | VA    | Eileen Williams  | 804-775-9427 | No Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                            |                                                                                                                                                                                                              |
| Vancouver Barracks      | FORSCOM | WA    | Bert Bivings     | 404-669-7659 | No Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                            |                                                                                                                                                                                                              |
| VI-ARNG                 | NGB     | VI    | Charles McGregor | 809-778-2176 | No Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                            |                                                                                                                                                                                                              |
| Vint Hill Farms Station | AMC     | VA    | C/O Rich Clewell | 309-782-8252 | No Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                            |                                                                                                                                                                                                              |
| Volunteer AAP           | AMC     | TN    | Gregory Lee      | 423-578-6276 | <i>Scutellaria montana</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Large-flowered Skullcap                                                                                                                                                                                                                                                                                                                                                 | E                                                                                           | Plant                                                                                                                                                      | Onsite                                                                                                                                                                                                       |
| Walter Reed AMC         | MEDCOM  | DC    | Gilbert Gonzalez | 210-221-6441 | No Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                            |                                                                                                                                                                                                              |

| Installation              | MACOM   | State | POC              | Phone        | Scientific Name                                                                                                                                                                                                                               | Common Name                                                                                                                                                           | Fed<br>stat                     | Cat                                                   | Occur                                                                  |
|---------------------------|---------|-------|------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------|------------------------------------------------------------------------|
| Wappapello TS             | NGB     | MO    | Eugene Young     | 573-526-9418 | <i>Haliaeetus leucocephalus</i><br><i>Lampisilis abrupta</i><br><i>Lindera melissifolia</i>                                                                                                                                                   | Bald Eagle<br>Pink Mucket Pearlymussel<br>Pondberry                                                                                                                   | T<br>E<br>E                     | Bird<br>Clam<br>Plant                                 | Contiguous<br>Contiguous<br>Contiguous                                 |
| Watervliet Arsenal        | AMC     | NY    | C/O Rich Clewell | 309-782-8252 | No Species                                                                                                                                                                                                                                    |                                                                                                                                                                       |                                 |                                                       |                                                                        |
| West Point                | USMA    | NY    | James Beemer     | 914-938-2314 | <i>Acipenser brevirostrum</i><br><i>Haliaeetus leucocephalus</i>                                                                                                                                                                              | Shortnose Sturgeon<br>Bald Eagle                                                                                                                                      | E<br>T                          | Fish<br>Bird                                          | Both<br>Both                                                           |
| Western Kentucky TS       | NGB     | KY    | CW4 Joe Wilkins  | 502-338-5541 | <i>Myotis grisescens</i>                                                                                                                                                                                                                      | Gray Bat                                                                                                                                                              | E                               | Mammal                                                | Both                                                                   |
| White Sands Missile Range | AMC     | NM    | Dave Anderson    | 505-678-7817 | <i>Charadrius montanus</i><br><i>Empidonax traillii extimus</i><br><i>Falco femoralis septentrionalis</i><br><i>Falco peregrinus anatum</i><br><i>Haliaeetus leucocephalus</i><br><i>Hedeoma todsenii</i><br><i>Strix occidentalis lucida</i> | Mountain Plover<br>Southwestern Willow Flycatcher<br>Northern Aplomado Falcon<br>American Peregrine Falcon<br>Bald Eagle<br>Todsens Pennyroyal<br>Mexican Spotted Owl | C<br>E<br>E<br>E<br>T<br>E<br>T | Bird<br>Bird<br>Bird<br>Bird<br>Bird<br>Plant<br>Bird | Contiguous<br>Contiguous<br>Both<br>Both<br>Both<br>Both<br>Contiguous |
| WI-ARNG                   | NGB     | WI    | Kerry Nicholls   | 608-242-3359 | No Species                                                                                                                                                                                                                                    |                                                                                                                                                                       |                                 |                                                       |                                                                        |
| Yakima TC                 | FORSCOM | WA    | Margaret Pounds  | 509-577-3402 | <i>Erigeron basalticus</i><br><i>Falco peregrinus</i><br><i>Haliaeetus leucocephalus</i>                                                                                                                                                      | Basalt Daisy<br>Peregrine Falcon<br>Bald Eagle                                                                                                                        | C<br>E(S/A)<br>T                | Plant<br>Bird<br>Bird                                 | Both<br>Contiguous<br>Both                                             |
| Yuma Proving Ground       | AMC     | AZ    | Junior Kerns     | 520-328-2148 | <i>Echinocactus horizontalis</i><br>var. <i>nicholii</i><br><i>Gopherus agassizii</i> (Sonoran Population)                                                                                                                                    | Nichol's Turk's Head Cactus<br>Sonoran Population of the Desert Tordise                                                                                               | E<br>T(S/A)                     | Plant<br>Reptile                                      | Onsite<br>Both                                                         |

## Appendix B: Critical Habitat and ESMP Status for Onsite and Contiguous TEPC Species, With Corresponding Installations

| Scientific Name                    | Common Name           | Fed<br>Stat | Cat   | Occur   | MACOM   | Installation                          | Crit | ESMP           |
|------------------------------------|-----------------------|-------------|-------|---------|---------|---------------------------------------|------|----------------|
| <i>Abutilon sandwicense</i>        | No Common<br>Name     | E           | Plant | Contig. | USARPAC | Schofield Barracks MR                 | None | In Preparation |
| <i>Achatinella rosea</i>           | Pupu Kuahiwi          | E           | Snail | Onsite  | USARPAC | Kawailoa TA                           | None | In Preparation |
| <i>Achatinella apexfulva</i>       | Pupu Kuahiwi          | E           | Snail | Onsite  | USARPAC | Kawailoa TA                           | None | In Preparation |
|                                    |                       |             |       | Onsite  | USARPAC | Schofield Barracks MR                 | None | In Preparation |
| <i>Achatinella<br/>bulimoides</i>  | Pupu Kuahiwi          | E           | Snail | Onsite  | USARPAC | Kawailoa TA                           | None | In Preparation |
| <i>Achatinella byronii</i>         | Pupu Kuahiwi          | E           | Snail | Both    | USARPAC | Kawailoa TA                           | None | In Preparation |
|                                    |                       |             |       | Both    | USARPAC | Schofield Barracks MR                 | None | In Preparation |
| <i>Achatinella curta</i>           | Pupu Kuahiwi          | E           | Snail | Contig. | USARPAC | Kahuku TA                             | None | In Preparation |
| <i>Achatinella decipiens</i>       | Pupu Kuahiwi          | E           | Snail | Both    | USARPAC | Kawailoa TA                           | None | In Preparation |
|                                    |                       |             |       | Both    | USARPAC | Schofield Barracks MR                 | None | In Preparation |
| <i>Achatinella dimorpha</i>        | Pupu Kuahiwi          | E           | Snail | Contig. | USARPAC | Kahuku TA                             | None | In Preparation |
| <i>Achatinella<br/>leucorraphe</i> | Pupu Kuahiwi          | E           | Snail | Onsite  | USARPAC | Kawailoa TA                           | None | In Preparation |
|                                    |                       |             |       | Both    | USARPAC | Schofield Barracks MR                 | None | In Preparation |
| <i>Achatinella lila</i>            | Pupu Kuahiwi          | E           | Snail | Both    | USARPAC | Kawailoa TA                           | None | In Preparation |
| <i>Achatinella livida</i>          | Pupu Kuahiwi          | E           | Snail | Both    | USARPAC | Kawailoa TA                           | None | In Preparation |
| <i>Achatinella mustelina</i>       | Pupu Kuahiwi          | E           | Snail | Both    | USARPAC | Makua MR                              | None | In Preparation |
|                                    |                       |             |       | Both    | USARPAC | Schofield Barracks MR                 | None | In Preparation |
| <i>Achatinella<br/>pulcherrima</i> | Pupu Kuahiwi          | E           | Snail | Onsite  | USARPAC | Kawailoa TA                           | None | In Preparation |
| <i>Achatinella<br/>sowerbyana</i>  | Pupu Kuahiwi          | E           | Snail | Contig. | USARPAC | Kahuku TA                             | None | In Preparation |
|                                    |                       |             |       | Both    | USARPAC | Kawailoa TA                           | None | In Preparation |
|                                    |                       |             |       | Both    | USARPAC | Schofield Barracks MR                 | None | In Preparation |
| <i>Achatinella swiftii</i>         | Pupu Kuahiwi          | E           | Snail | Onsite  | USARPAC | Kawailoa TA                           | None | In Preparation |
|                                    |                       |             |       | Both    | USARPAC | Schofield Barracks MR                 | None | In Preparation |
| <i>Achatinella valida</i>          | Pupu Kuahiwi          | E           | Snail | Contig. | USARPAC | Kahuku TA                             | None | In Preparation |
| <i>Acipenser<br/>brevirostrum</i>  | Shortnose<br>Sturgeon | E           | Fish  | Contig. | AMC     | Aberdeen Proving<br>Ground            | None | None           |
|                                    |                       |             |       | Contig. | NGB     | Camp Smith                            | None | None           |
|                                    |                       |             |       | Contig. | NGB     | Delaware ARNG                         | None | None           |
|                                    |                       |             |       | Both    | FORSCOM | Ft. Stewart & Hunter<br>Army Airfield | None | In Preparation |
|                                    |                       |             |       | Contig. | MTMC    | Sunny Point                           | None | None           |
|                                    |                       |             |       | Both    | USMA    | West Point                            | None | In Preparation |

| Scientific Name                        | Common Name                     | Fed<br>Stat | Cat        | Occur   | MACOM   | Installation               | Crit | ESMP           |
|----------------------------------------|---------------------------------|-------------|------------|---------|---------|----------------------------|------|----------------|
| <i>Aconitum noveboracense</i>          | Northern Wild Monkshood         | T           | Plant      | Contig. | AMC     | Ravenna AAP                | None | None           |
| <i>Adenophorus periens</i>             | No Common Name                  | E           | Plant      | Onsite  | USARPAC | Kahuku TA                  | None | In Preparation |
|                                        |                                 |             |            | Onsite  | USARPAC | Kawailoa TA                | None | In Preparation |
| <i>Alectryon macrococcus</i>           | Mahoe Ala'alahua                | E           | Plant      | Both    | USARPAC | Makua MR                   | None | In Preparation |
|                                        |                                 |             |            | Both    | USARPAC | Schofield Barracks MR      | None | In Preparation |
| <i>Alligator mississippiensis</i>      | American Alligator              | T(S/A)      | Reptile    | Both    | NGB     | Camp Blanding TS           | None | Completed      |
|                                        |                                 |             |            | Both    | TRADOC  | Ft. Benning                | None | In Preparation |
|                                        |                                 |             |            | Onsite  | TRADOC  | Ft. Jackson                | None | None           |
|                                        |                                 |             |            | Both    | TRADOC  | Ft. Rucker                 | None | None           |
|                                        |                                 |             |            | Both    | AMC     | Longhorn AAP               | None | None           |
|                                        |                                 |             |            | Both    | AMC     | Louisiana AAP              | None | None           |
|                                        |                                 |             |            | Both    | AMC     | Pine Bluff Arsenal         | None | None           |
|                                        |                                 |             |            | Both    | AMC     | Redstone Arsenal           | None | None           |
|                                        |                                 |             |            | Both    | MTMC    | Sunny Point                | None | In Preparation |
| <i>Alsinidendron obovatum</i>          | No Common Name                  | E           | Plant      | Both    | USARPAC | Makua MR                   | None | In Preparation |
| <i>Alsinidendron trinerve</i>          | No Common Name                  | E           | Plant      | Both    | USARPAC | Schofield Barracks MR      | None | In Preparation |
| <i>Amaranthus pumilus</i>              | Seabeach Amaranth               | T           | Plant      | Contig. | MTMC    | Sunny Point                | None | None           |
| <i>Amblyopsis rosae</i>                | Ozark Cavefish                  | T           | Fish       | Contig. | NGB     | Camp Crowder               | None | In Preparation |
| <i>Ambystoma californiense</i>         | Ambystoma Californiense         | C           | Amphibian  | Both    | TRADOC  | Ft. Huachuca               | NA   | NA             |
|                                        |                                 |             |            | Both    | USARC   | Ft. Hunter Liggett         | NA   | NA             |
| <i>Anas wyvilliana</i>                 | Hawaiian Duck                   | E           | Bird       | Onsite  | NGB     | Aahoaka & Wailua River LTA | None | None           |
|                                        |                                 |             |            | Both    | NGB     | Anahola LTA                | None | None           |
|                                        |                                 |             |            | Both    | USARPAC | Dillingham TA              | None | In Preparation |
|                                        |                                 |             |            | Onsite  | NGB     | Keamuku LTA                | None | None           |
|                                        |                                 |             |            | Contig. | NGB     | Kekaha LTA                 | None | None           |
| <i>Anniella pulchra nigra</i>          | California Black Legless Lizard | PE          | Reptile    | Both    | TRADOC  | Pom Annex                  | NA   | Completed      |
| <i>Aphelocoma coerulescens</i>         | Florida Scrub Jay               | T           | Bird       | Both    | NGB     | Camp Blanding TS           | None | Completed      |
| <i>Apios priceana</i>                  | Price's Potato Bean             | T           | Plant      | Contig. | FORSCOM | Ft. Campbell               | None | None           |
|                                        |                                 |             |            | Onsite  | AMC     | Redstone Arsenal           | None | In Preparation |
| <i>Arctomecon humilis</i>              | Dwarf Bearclaw Poppy            | E           | Plant      | Both    | NGB     | St. George Armory          | None | Completed      |
| <i>Asclepias meadii</i>                | Mead's Milkweed                 | T           | Plant      | Contig. | NGB     | Camp Clark                 | None | None           |
|                                        |                                 |             |            | Contig. | AMC     | Sunflower AAP              | None | None           |
|                                        |                                 |             |            | Contig. | NGB     | Truman TS                  | None | None           |
| <i>Asplenium fragile var. insulare</i> | Fragile Fern                    | E           | Plant      | Onsite  | USARPAC | Pohakuloa TA               | None | In Preparation |
| <i>Astragalus jaegerianus</i>          | Lane Mountain Milk Vetch        | C           | Plant      | Both    | FORSCOM | Ft. Irwin                  | NA   | NA             |
| <i>Banara vanderbiltii</i>             | Palo de Ramon                   | E           | Plant      | Onsite  | FORSCOM | Ft. Buchanan               | None | None           |
| <i>Bonamia menziesii</i>               | No Common Name                  | E           | Plant      | Onsite  | USARPAC | Makua MR                   | None | In Preparation |
| <i>Branchinecta lynchi</i>             | Vernal Pool Fairy Shrimp        | T           | Crustacean | Both    | NGB     | Camp Roberts               | None | None           |
|                                        |                                 |             |            | Onsite  | USARC   | Ft. Hunter Liggett         | None | In Preparation |

| Scientific Name                              | Common Name              | Fed<br>Stat | Cat       | Occur   | MACOM   | Installation             | Crit | ESMP           |
|----------------------------------------------|--------------------------|-------------|-----------|---------|---------|--------------------------|------|----------------|
| <i>Bufo microscaphus californicus</i>        | Arroyo Southwestern Toad | E           | Amphibian | Onsite  | USARC   | Ft. Hunter Liggett       | None | In Preparation |
| <i>Buteo solitarius</i>                      | Hawaiian Hawk            | E           | Bird      | Onsite  | NGB     | Keamuku LTA              | None | None           |
|                                              |                          |             |           | Onsite  | NGB     | Kekaha LTA               | None | None           |
|                                              |                          |             |           | Both    | USARPAC | Pohakuloa TA             | None | In Preparation |
|                                              |                          |             |           | Onsite  | NGB     | Pu'u Pa LTA              | None | None           |
| <i>Buxus vahlii</i>                          | Vahl Boxwood             | E           | Plant     | Onsite  | FORSCOM | Ft. Buchanan             | None | None           |
| <i>Caesalpinia kavaiaense</i>                | Uhiuhi                   | E           | Plant     | Onsite  | USARPAC | Makua MR                 | None | In Preparation |
| <i>Canis lupus</i>                           | Gray Wolf                | T           | Mammal    | Both    | NGB     | Camp Ripley              | None | In Preparation |
|                                              |                          |             |           | Contig. | USARC   | Ft. McCoy                | None | None           |
| <i>Caretta caretta</i>                       | Loggerhead Sea Turtle    | T           | Reptile   | Contig. | MTMC    | Sunny Point              | None | None           |
| <i>Cenchrus agrimonioides</i>                | Kamanomano               | PE          | Plant     | Onsite  | USARPAC | Makua MR                 | NA   | In Preparation |
|                                              |                          |             |           | Onsite  | USARPAC | Schofield Barracks MR    | NA   | In Preparation |
| <i>Chamaesyce deltoidea ssp. deltoidea</i>   | Deltoid Spurge           | E           | Plant     | Both    | USARC   | Martinez Reserve Center  | None | Completed      |
| <i>Chamaesyce rockii</i>                     | Akoko                    | PE          | Plant     | Contig. | USARPAC | Kahuku TA                | NA   | In Preparation |
|                                              |                          |             |           | Both    | USARPAC | Kawailoa TA              | NA   | In Preparation |
|                                              |                          |             |           | Both    | USARPAC | Schofield Barracks MR    | NA   | In Preparation |
| <i>Charadrius alexandrinus nivosus</i>       | Western Snowy Plover     | T           | Bird      | Both    | TRADOC  | Pom Annex                | None | Completed      |
| <i>Charadrius melodus</i>                    | Piping Plover            | T           | Bird      | Both    | NGB     | Camp Grafton             | None | None           |
|                                              |                          |             |           | Both    | FORSCOM | Ft. Riley                | None | In Preparation |
|                                              |                          |             |           | Contig. | MTMC    | Sunny Point              | None | None           |
| <i>Charadrius montanus</i>                   | Mountain Plover          | C           | Bird      | Contig. | AMC     | Dugway Proving Ground    | NA   | NA             |
|                                              |                          |             |           | Both    | FORSCOM | Ft. Carson               | NA   | NA             |
|                                              |                          |             |           | Both    | FORSCOM | Pinon Canyon MS          | NA   | NA             |
|                                              |                          |             |           | Contig. | AMC     | White Sands Missile Rng. | NA   | NA             |
| <i>Chasiempis sandwichensis ibidis</i>       | Oahu 'Elepaio            | C           | Bird      | Contig. | USARPAC | Kahuku TA                | NA   | NA             |
|                                              |                          |             |           | Both    | USARPAC | Kawailoa TA              | NA   | NA             |
|                                              |                          |             |           | Both    | USARPAC | Makua MR                 | NA   | NA             |
|                                              |                          |             |           | Both    | USARPAC | Schofield Barracks MR    | NA   | NA             |
| <i>Chelonia mydas</i>                        | Green Sea Turtle         | T           | Reptile   | Contig. | MTMC    | Sunny Point              | None | None           |
| <i>Chlorogalium purpureum var. purpureum</i> | Purple Amole             | C           | Plant     | Onsite  | USARC   | Ft. Hunter Liggett       | NA   | NA             |
| <i>Chorizanthe pungens var. pungens</i>      | Monterey Spineflower     | T           | Plant     | Both    | TRADOC  | Pom Annex                | None | Completed      |
| <i>Chorizanthe robusta</i>                   | Robust Spineflower       | E           | Plant     | Both    | TRADOC  | Pom Annex                | None | Completed      |
| <i>Cicindela puritana</i>                    | Puritan Tiger Beetle     | T           | Insect    | Contig. | AMC     | Aberdeen Proving Ground  | None | None           |
| <i>Cirsium fontinale var. obispoense</i>     | Chorro Creek Bog Thistle | E           | Plant     | Both    | NGB     | Camp San Luis Obispo     | None | In Preparation |

| Scientific Name                                       | Common Name                         | Fed<br>Stat | Cat     | Occur   | MACOM   | Installation                     | Crit | ESMP           |
|-------------------------------------------------------|-------------------------------------|-------------|---------|---------|---------|----------------------------------|------|----------------|
| <i>Clematis hirsutissima</i><br><i>var. arizonica</i> | Arizona Leather<br>Flower           | C           | Plant   | Both    | NGB     | Camp Navajo MR                   | NA   | NA             |
| <i>Clemmys</i><br><i>muhlenbergii</i>                 | Bog (Northern<br>Population) Turtle | C           | Reptile | Onsite  | AMC     | Letterkenny Army<br>Depot        | NA   | NA             |
|                                                       |                                     |             |         | Contig. | AMC     | Picatinny Arsenal<br>Tacom-ARDEC | NA   | NA             |
| <i>Colubrina oppositifolia</i>                        | Kauila                              | E           | Plant   | Onsite  | NGB     | Keamuku LTA                      | None | None           |
|                                                       |                                     |             |         | Onsite  | NGB     | Pu'u Pa LTA                      | None | None           |
| <i>Corvus hawaiiensis</i>                             | Alala Hawaiian<br>Crow              | E           | Bird    | Contig. | USARPAC | Pohakuloa TA                     | None | In Preparation |
| <i>Coryphantha sneedii</i><br><i>var. sneedii</i>     | Sneed Pincushion<br>Cactus          | E           | Plant   | Both    | TRADOC  | Ft. Bliss                        | None | In Preparation |
| <i>Ctenitis squamigera</i>                            | Pauoa                               | E           | Plant   | Contig. | USARPAC | Makua MR                         | None | In Preparation |
|                                                       |                                     |             |         | Contig. | USARPAC | Schofield Barracks MR            | None | In Preparation |
| <i>Cyanea acuminata</i>                               | Haha Oha                            | PE          | Plant   | Both    | USARPAC | Kawailoa TA                      | None | In Preparation |
|                                                       |                                     |             |         | Both    | USARPAC | Schofield Barracks MR            | NA   | In Preparation |
| <i>Cyanea grimesiana</i><br><i>ssp. grimesiana</i>    | Haha Oha                            | E           | Plant   | Contig. | USARPAC | Kahuku TA                        | None | In Preparation |
|                                                       |                                     |             |         | Both    | USARPAC | Kawailoa TA                      | None | In Preparation |
|                                                       |                                     |             |         | Both    | USARPAC | Schofield Barracks MR            | None | In Preparation |
|                                                       |                                     |             |         | Contig. | USARPAC | Schofield Barracks MR            | None | In Preparation |
| <i>Cyanea koolauensis</i>                             | Haha Oha                            | PE          | Plant   | Both    | USARPAC | Kahuku TA                        | NA   | In Preparation |
|                                                       |                                     |             |         | Both    | USARPAC | Kawailoa TA                      | NA   | In Preparation |
|                                                       |                                     |             |         | Both    | USARPAC | Schofield Barracks MR            | NA   | In Preparation |
| <i>Cyanea longiflora</i>                              | Haha Oha                            | PE          | Plant   | Both    | USARPAC | Kahuku TA                        | NA   | In Preparation |
|                                                       |                                     |             |         | Both    | USARPAC | Kawailoa TA                      | NA   | In Preparation |
|                                                       |                                     |             |         | Both    | USARPAC | Schofield Barracks MR            | NA   | In Preparation |
| <i>Cyanea superba</i><br><i>ssp. superba</i>          | Oha                                 | E           | Plant   | Onsite  | USARPAC | Makua MR                         | None | In Preparation |
|                                                       |                                     |             |         | Onsite  | USARPAC | Schofield Barracks MR            | None | In Preparation |
| <i>Cynomys parvidens</i>                              | Utah Prairie Dog                    | T           | Mammal  | Contig. | NGB     | Cedar City Armory                | None | None           |
| <i>Cyperus</i><br><i>trachysanthos</i>                | Pu'uka'a                            | PE          | Plant   | Onsite  | USARPAC | Dillingham TA                    | NA   | In Preparation |
|                                                       |                                     |             |         | Onsite  | NGB     | Ft. Ruger                        | NA   | None           |
| <i>Cyprinella caerulea</i>                            | Blue Shiner                         | T           | Fish    | Both    | TRADOC  | Ft. McClellan                    | None | Completed      |
| <i>Cyrtandra dentata</i>                              | Ha'iwale                            | PE          | Plant   | Onsite  | USARPAC | Kawailoa TA                      | NA   | In Preparation |
| <i>Cyrtandra</i><br><i>subumbellata</i>               | Ha'iwale                            | PE          | Plant   | Both    | USARPAC | Schofield Barracks MR            | NA   | In Preparation |
| <i>Cyrtandra viridiflora</i>                          | Ha'iwale                            | PE          | Plant   | Both    | USARPAC | Kawailoa TA                      | NA   | In Preparation |
| <i>Daphnopsis hellerana</i>                           | No Common<br>Name                   | E           | Plant   | Onsite  | FORSCOM | Ft. Buchanan                     | None | None           |
| <i>Delissea subcordata</i>                            | Oha                                 | PE          | Bird    | Onsite  | AMC     | Jefferson Proving<br>Ground      | NA   | None           |
|                                                       |                                     |             |         | Contig. | USARPAC | Kawailoa TA                      | NA   | In Preparation |
|                                                       |                                     |             |         | Contig. | USARPAC | Makua MR                         | NA   | In Preparation |
|                                                       |                                     |             |         | Contig. | USARPAC | Schofield Barracks MR            | NA   | In Preparation |
| <i>Dendroica</i><br><i>chrysoparia</i>                | Golden-cheeked<br>Warbler           | E           | Bird    | Both    | FORSCOM | Ft. Hood                         | None | In Preparation |
|                                                       |                                     |             |         | Both    | MEDCOM  | Ft. Sam Houston                  | None | In Preparation |
| <i>Dendroica kirtlandii</i>                           | Kirtland's Warbler                  | E           | Bird    | Both    | NGB     | Camp Grayling                    | None | Completed      |
| <i>Dermochelys coriacea</i>                           | Leatherback Sea<br>Turtle           | E           | Reptile | Contig. | MTMC    | Sunny Point                      | None | None           |

| Scientific Name                                       | Common Name                    | Fed Stat | Cat     | Occur   | MACOM   | Installation                       | Crit | ESMP           |
|-------------------------------------------------------|--------------------------------|----------|---------|---------|---------|------------------------------------|------|----------------|
| <i>Diellia falcata</i>                                | No Common Name                 | E        | Plant   | Both    | USARPAC | Makua MR                           | None | In Preparation |
|                                                       |                                |          |         | Both    | USARPAC | Schofield Barracks MR              | None | In Preparation |
| <i>Diplazium molokaiense</i>                          | No Common Name                 | E        | Plant   | Contig. | USARPAC | Schofield Barracks MR              | None | In Preparation |
| <i>Dromus dromas</i>                                  | Dromedary Pearly Mussel        | E        | Clam    | Contig. | FORSCOM | Ft. Campbell                       | None | None           |
| <i>Drymarchon corais couperi</i>                      | Eastern Indigo Snake           | T        | Reptile | Both    | NGB     | Camp Blanding TS                   | None | Completed      |
|                                                       |                                |          |         | Both    | FORSCOM | Ft. Stewart & Hunter Army Airfield | None | In Preparation |
| <i>Dubautia herbstobatae</i>                          | Na'ena'e                       | E        | Plant   | Both    | USARPAC | Makua MR                           | None | In Preparation |
| <i>Echinacea laevigata</i>                            | Smooth Coneflower              | E        | Plant   | Onsite  | TRADOC  | Ft. Jackson                        | None | In Preparation |
|                                                       |                                |          |         | Onsite  | NGB     | Leesburg TS                        | None | In Preparation |
|                                                       |                                |          |         | Contig. | AMC     | Radford AAP                        | NR   | None           |
| <i>Echinocactus horizontalis</i> var. <i>nicholii</i> | Nichol's Turk's Head Cactus    | E        | Plant   | Onsite  | AMC     | Yuma Proving Ground                | None | None           |
| <i>Echinocereus fendleri</i> var. <i>kuenzleri</i>    | Kuenzler Hedgehog Cactus       | E        | Plant   | Contig. | TRADOC  | Ft. Bliss                          | None | None           |
| <i>Empidonax traillii</i> <i>extimus</i>              | Southwestern Willow Flycatcher | E        | Bird    | Both    | NGB     | Clark County TS                    | None | None           |
|                                                       |                                |          |         | Both    | TRADOC  | Ft. Bliss                          | None | In Preparation |
|                                                       |                                |          |         | Contig. | TRADOC  | Ft. Huachuca                       | None | None           |
|                                                       |                                |          |         | Contig. | AMC     | White Sands Missile Rng.           | None | None           |
| <i>Epicrates inornatus</i>                            | Puerto Rican Boa               | E        | Reptile | Onsite  | FORSCOM | Ft. Buchanan                       | None | None           |
| <i>Epioblasma walkeri</i>                             | Tan Riffleshell                | E        | Clam    | Contig. | FORSCOM | Ft. Campbell                       | None | None           |
| <i>Eragrostis fosbergii</i>                           | Fosberg's Love Grass           | PE       | Plant   | Contig. | USARPAC | Schofield Barracks MR              | NA   | In Preparation |
| <i>Erigeron basalticus</i>                            | Basalt Daisy                   | C        | Plant   | Both    | FORSCOM | Yakima TC                          | NA   | NA             |
| <i>Erigeron lemmonii</i>                              | Lemmon Fleabane                | C        | Plant   | Onsite  | TRADOC  | Ft. Huachuca                       | NA   | NA             |
| <i>Etheostoma cragini</i>                             | Arkansas Darter                | C        | Fish    | Contig. | NGB     | Camp Crowder                       | NA   | NA             |
|                                                       |                                |          |         | Both    | FORSCOM | Ft. Carson                         | NA   | NA             |
| <i>Etheostoma sellare</i>                             | Maryland Darter                | E        | Fish    | Contig. | AMC     | Aberdeen Proving Ground            | None | None           |
| <i>Eugenia koolauensis</i>                            | Nioi                           | E        | Plant   | Onsite  | USARPAC | Kahuku TA                          | None | In Preparation |
|                                                       |                                |          |         | Contig. | USARPAC | Kawailoa TA                        | None | In Preparation |
| <i>Euphilotes enoptes smithi</i>                      | Smith's Blue Butterfly         | E        | Insect  | Both    | TRADOC  | Pom Annex                          | None | Completed      |
| <i>Euphorbia haelealeana</i>                          | 'Akoko                         | PE       | Plant   | Onsite  | USARPAC | Makua MR                           | NA   | In Preparation |
| <i>Falco femoralis</i>                                | Northern                       | E        | Bird    | Contig. | TRADOC  | Ft. Bliss                          | None | In Preparation |
| <i>septentrionalis</i>                                | Aplomado Falcon                |          |         | Both    | AMC     | White Sands Missile Rng.           | None | In Preparation |
| <i>Falco peregrinus</i>                               | Peregrine Falcon               | E(S/A)   | Bird    | Contig. | AMC     | Aberdeen Proving Ground            | None | None           |
|                                                       |                                |          |         | Both    | NGB     | Camp Navajo MR                     | None | NR             |
|                                                       |                                |          |         | Contig. | NGB     | Camp Smith                         | None | None           |
|                                                       |                                |          |         | Both    | USARC   | Devens RFT.A                       | None | None           |

| Scientific Name                                   | Common Name                                 | Fed<br>Stat | Cat     | Occur   | MACOM   | Installation                     | Crit | ESMP           |
|---------------------------------------------------|---------------------------------------------|-------------|---------|---------|---------|----------------------------------|------|----------------|
|                                                   |                                             |             |         | Both    | FORSCOM | Ft. Campbell                     | None | None           |
|                                                   |                                             |             |         | Contig. | TRADOC  | Ft. Eustis                       | None | In Preparation |
|                                                   |                                             |             |         | Both    | FORSCOM | Ft. Hood                         | None | In Preparation |
|                                                   |                                             |             |         | Both    | TRADOC  | Ft. Huachuca                     | None | None           |
|                                                   |                                             |             |         | Both    | USARC   | Ft. McCoy                        | None | None           |
|                                                   |                                             |             |         | Both    | FORSCOM | Ft. Riley                        | None | In Preparation |
|                                                   |                                             |             |         | Both    | AMC     | Sierra Army Depot                | None | None           |
|                                                   |                                             |             |         | Both    | NGB     | Stead TS                         | None | Completed      |
|                                                   |                                             |             |         | Contig. | AMC     | Sunflower AAP                    | None | None           |
|                                                   |                                             |             |         | Contig. | MTMC    | Sunny Point                      | None | None           |
|                                                   |                                             |             |         | Contig. | FORSCOM | Yakima TC                        | None | NR             |
| <i>Falco peregrinus</i><br><i>anatum</i>          | American<br>Peregrine<br>Falcon             | E           | Bird    | Contig. | AMC     | Dugway Proving<br>Ground         | None | None           |
|                                                   |                                             |             |         | Both    | TRADOC  | Ft. Bliss                        | None | In Preparation |
|                                                   |                                             |             |         | Both    | FORSCOM | Ft. Carson                       | NR   | NR             |
|                                                   |                                             |             |         | Onsite  | USARPAC | Ft. Greely                       | None | NR             |
|                                                   |                                             |             |         | Both    | USARC   | Ft. Hunter Liggett               | None | None           |
|                                                   |                                             |             |         | Onsite  | USARPAC | Ft. Richardson                   | None | NR             |
|                                                   |                                             |             |         | Onsite  | USARPAC | Ft. Wainwright                   | None | NR             |
|                                                   |                                             |             |         | Both    | AMC     | Picatinny Arsenal<br>Tacom-ARDEC | None | None           |
|                                                   |                                             |             |         | Both    | FORSCOM | Pinon Canyon MS                  | NR   | NR             |
|                                                   |                                             |             |         | Both    | AMC     | Redstone Arsenal                 | None | None           |
|                                                   |                                             |             |         | Both    | AMC     | Tooele Army Depot                | None | None           |
|                                                   |                                             |             |         | Both    | AMC     | White Sands Missile<br>Rng.      | None | In Preparation |
| <i>Felis concolor coryi</i>                       | Florida Panther                             | E           | Mammal  | NR      | NGB     | Camp Blanding TS                 | NR   | NR             |
| <i>Felis concolor cougar</i>                      | Eastern Cougar                              | E           | Mammal  | Both    | MTMC    | Sunny Point                      | None | None           |
| <i>Flueggea</i><br><i>neowawraea</i>              | Mehamehame                                  | E           | Plant   | Onsite  | USARPAC | Makua MR                         | None | In Preparation |
|                                                   |                                             |             |         | Contig. | USARPAC | Schofield Barracks MR            | None | In Preparation |
| <i>Fulica americana alai</i>                      | Hawaiian Coot                               | E           | Bird    | Both    | USARPAC | Dillingham TA                    | None | In Preparation |
|                                                   |                                             |             |         | Contig. | NGB     | Kekaha LTA                       | None | NR             |
| <i>Gallinula chloropus</i><br><i>sandvicensis</i> | Hawaiian<br>Gallinule                       | E           | Bird    | Onsite  | NGB     | Aahoaka & Wailua<br>River LTA    | None | None           |
|                                                   |                                             |             |         | Both    | USARPAC | Dillingham TA                    | None | In Preparation |
|                                                   |                                             |             |         | Contig. | NGB     | Kekaha LTA                       | None | NR             |
| <i>Gardenia mannii</i>                            | Nanu                                        | PE          | Plant   | Both    | USARPAC | Kahuku TA                        | NA   | In Preparation |
|                                                   |                                             |             |         | Both    | USARPAC | Kawailoa TA                      | NA   | In Preparation |
|                                                   |                                             |             |         | Both    | USARPAC | Schofield Barracks MR            | NA   | In Preparation |
| <i>Gilia tenuiflora</i><br><i>ssp. arenaria</i>   | Monterey Sand<br>Gilia                      | E           | Plant   | Both    | TRADOC  | Pom Annex                        | None | Completed      |
| <i>Gopherus agassizii</i>                         | Desert Tortoise                             | T           | Reptile | Both    | NGB     | Clark County TS                  | None | None           |
|                                                   |                                             |             |         | Both    | FORSCOM | Ft. Irwin                        | Yes  | In Preparation |
| <i>Gopherus agassizii</i><br>(Sonoran Population) | Sonoran<br>Population of<br>Desert Tortoise | T(S/A)      | Reptile | Both    | AMC     | Yuma Proving Ground              | None | None           |
| <i>Gopherus</i><br><i>polyphemus</i>              | Gopher Tortoise                             | T           | Reptile | Both    | NGB     | Camp Shelby                      | None | In Preparation |
| <i>Grus americana</i>                             | Whooping Crane                              | E           | Bird    | Both    | FORSCOM | Ft. Hood                         | None | In Preparation |

| Scientific Name                 | Common Name       | Fed<br>Stat | Cat  | Occur   | MACOM   | Installation                       | Crit | ESMP           |
|---------------------------------|-------------------|-------------|------|---------|---------|------------------------------------|------|----------------|
| <i>Gymnogyps californianus</i>  | California Condor | E           | Bird | Contig. | USARC   | Ft. Hunter Liggett                 | None | None           |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle        | T           | Bird | Both    | AMC     | Aberdeen Proving Ground            | None | Completed      |
|                                 |                   |             |      | Onsite  | AMC     | Adelphi Army Research Labs         | None | Completed      |
|                                 |                   |             |      | Both    | NGB     | Atterbury Reserve Forces TA        | None | None           |
|                                 |                   |             |      | Both    | NGB     | Camp Blanding TS                   | None | Completed      |
|                                 |                   |             |      | Both    | NGB     | Camp Crowder                       | None | In Preparation |
|                                 |                   |             |      | Both    | NGB     | Camp Grayling                      | None | Completed      |
|                                 |                   |             |      | Contig. | NGB     | Camp Guernsey                      | None | None           |
|                                 |                   |             |      | Both    | NGB     | Camp Joseph T. Robinson            | None | None           |
|                                 |                   |             |      | Both    | NGB     | Camp Murray                        | None | Completed      |
|                                 |                   |             |      | Both    | NGB     | Camp Navajo MR                     | None | In Preparation |
|                                 |                   |             |      | Onsite  | NGB     | Camp Ripley                        | None | Completed      |
|                                 |                   |             |      | Both    | NGB     | Camp Roberts                       | None | None           |
|                                 |                   |             |      | Contig. | NGB     | Camp Smith                         | None | None           |
|                                 |                   |             |      | Both    | USARC   | Devens RFT.A                       | None | None           |
|                                 |                   |             |      | Both    | AMC     | Dugway Proving Ground              | None | None           |
|                                 |                   |             |      | Both    | MDW     | Ft. A.P. Hill                      | None | Completed      |
|                                 |                   |             |      | Both    | MDW     | Ft. Belvoir                        | None | In Preparation |
|                                 |                   |             |      | Both    | TRADOC  | Ft. Benning                        | None | In Preparation |
|                                 |                   |             |      | Both    | TRADOC  | Ft. Bliss                          | None | In Preparation |
|                                 |                   |             |      | Both    | FORSCOM | Ft. Campbell                       | None | None           |
|                                 |                   |             |      | Both    | FORSCOM | Ft. Carson                         | NR   | NR             |
|                                 |                   |             |      | Both    | TRADOC  | Ft. Eustis                         | None | In Preparation |
|                                 |                   |             |      | Onsite  | TRADOC  | Ft. Gordon                         | None | In Preparation |
|                                 |                   |             |      | Both    | FORSCOM | Ft. Hood                           | None | In Preparation |
|                                 |                   |             |      | Both    | USARC   | Ft. Hunter Liggett                 | None | In Preparation |
|                                 |                   |             |      | Onsite  | TRADOC  | Ft. Jackson                        | None | None           |
|                                 |                   |             |      | Both    | TRADOC  | Ft. Knox                           | None | In Preparation |
|                                 |                   |             |      | Both    | TRADOC  | Ft. Lee                            | None | In Preparation |
|                                 |                   |             |      | Both    | FORSCOM | Ft. Lewis                          | None | Completed      |
|                                 |                   |             |      | Both    | USARC   | Ft. McCoy                          | None | None           |
|                                 |                   |             |      | Both    | USARC   | Ft. Pickett                        | None | None           |
|                                 |                   |             |      | Both    | FORSCOM | Ft. Riley                          | None | In Preparation |
|                                 |                   |             |      | Contig. | TRADOC  | Ft. Rucker                         | None | None           |
|                                 |                   |             |      | Both    | FORSCOM | Ft. Stewart & Hunter Army Airfield | None | In Preparation |
|                                 |                   |             |      | Both    | AMC     | Holston AAP                        | None | In Preparation |
|                                 |                   |             |      | Both    | NGB     | Macon TS                           | None | In Preparation |
|                                 |                   |             |      | Both    | AMC     | Newport Chemical Depot             | None | None           |
|                                 |                   |             |      | Both    | AMC     | Picatinny Arsenal                  | None | None           |
|                                 |                   |             |      |         |         | Tacom-ARDEC                        |      |                |
|                                 |                   |             |      | Both    | AMC     | Pine Bluff Arsenal                 | None | None           |
|                                 |                   |             |      | Both    | FORSCOM | Pinon Canyon MS                    | NR   | NR             |

| Scientific Name              | Common Name    | Fed<br>Stat | Cat   | Occur   | MACOM   | Installation                   | Crit | ESMP           |
|------------------------------|----------------|-------------|-------|---------|---------|--------------------------------|------|----------------|
|                              |                |             |       | Contig. | AMC     | Ravenna AAP                    | None | None           |
|                              |                |             |       | Both    | AMC     | Redstone Arsenal               | None | None           |
|                              |                |             |       | Both    | AMC     | Rock Island Arsenal            | None | None           |
|                              |                |             |       | Both    | AMC     | Savanna Army Depot             | None | Completed      |
|                              |                |             |       | Both    | AMC     | Sierra Army Depot              | None | None           |
|                              |                |             |       | Both    | NGB     | Skelton TS                     | None | In Preparation |
|                              |                |             |       | Both    | NGB     | Stead TS                       | None | Completed      |
|                              |                |             |       | Both    | AMC     | Sunflower AAP                  | None | None           |
|                              |                |             |       | Both    | MTMC    | Sunny Point                    | None | None           |
|                              |                |             |       | Both    | AMC     | Tooele Army Depot              | None | None           |
|                              |                |             |       | Both    | NGB     | Truman TS                      | None | In Preparation |
|                              |                |             |       | Both    | AMC     | Twin Cities AAP                | None | None           |
|                              |                |             |       | Contig. | NGB     | Wappapello TS                  | None | None           |
|                              |                |             |       | Both    | USMA    | West Point                     | None | In Preparation |
|                              |                |             |       | Both    | AMC     | White Sands Missile<br>Rng.    | None | None           |
|                              |                |             |       | Both    | FORSCOM | Yakima TC                      | None | None           |
| <i>Haplostachys</i>          | No Common      | E           | Plant | Onsite  | NGB     | Keamuku LTA                    | None | None           |
| <i>haplostachya</i>          | Name           |             |       | Both    | USARPAC | Pohakuloa TA                   | None | In Preparation |
| <i>Hedeoma todsenii</i>      | Todsen's       | E           | Plant | Contig. | TRADOC  | Ft. Bliss                      | None | None           |
|                              | Pennyroyal     |             |       | Both    | AMC     | White Sands Missile<br>Rng.    | None | None           |
| <i>Hedyotis coriacea</i>     | Kio'ele        | E           | Plant | Onsite  | USARPAC | Pohakuloa TA                   | None | In Preparation |
| <i>Hedyotis parvula</i>      | No Common      | E           | Plant | Both    | USARPAC | Makua MR                       | None | In Preparation |
|                              | Name           |             |       |         |         |                                |      |                |
| <i>Helianthus eggertii</i>   | Eggert's       | PT          | Plant | Both    | NGB     | Tulahoma TS                    | NA   | In Preparation |
|                              | Sunflower      |             |       |         |         |                                |      |                |
| <i>Helonias bullata</i>      | Swamp Pink     | T           | Plant | Onsite  | MDW     | Ft. A.P. Hill                  | None | None           |
| <i>Hemignathus munroi</i>    | 'Akiapola'au   | E           | Bird  | Both    | USARPAC | Pohakuloa TA                   | None | In Preparation |
|                              | (Honeycreeper) |             |       |         |         |                                |      |                |
| <i>Hesperomannia</i>         | No Common      | E           | Plant | Both    | USARPAC | Kahuku TA                      | None | In Preparation |
| <i>arborescens</i>           | Name           |             |       | Both    | USARPAC | Kawailoa TA                    | None | In Preparation |
|                              |                |             |       | Both    | USARPAC | Schofield Barracks MR          | None | In Preparation |
| <i>Hibiscus</i>              | Ma'o Hau Hele  | E           | Plant | Contig. | USARPAC | Dillingham TA                  | None | In Preparation |
| <i>brackenridgei ssp.</i>    |                |             |       |         |         |                                |      |                |
| <i>mokuleianus</i>           |                |             |       |         |         |                                |      |                |
| <i>Himantopus</i>            | Hawaiian Stilt | E           | Bird  | Both    | USARPAC | Dillingham TA                  | None | In Preparation |
| <i>mexicanus</i>             |                |             |       | Contig. | NGB     | Kekaha LTA                     | None | NR             |
| <i>knudseni</i>              |                |             |       |         |         |                                |      |                |
| <i>Howellia aquatilis</i>    | Water Howellia | T           | Plant | Both    | FORSCOM | Ft. Lewis                      | None | In Preparation |
| <i>Hymenoxys texana</i>      | Texas Prairie  | E           | Plant | Both    | NGB     | Addicks Reservoir              | None | NR             |
|                              | Dawn-flower    |             |       |         |         |                                |      |                |
| <i>Isodendron hosakae</i>    | Aupaka         | E           | Plant | Onsite  | NGB     | Keamuku LTA                    | None | None           |
| <i>Isodendron</i>            | Aupaka         | PE          | Plant | Both    | USARPAC | Schofield Barracks MR          | NA   | In Preparation |
| <i>laurifolium</i>           |                |             |       |         |         |                                |      |                |
| <i>Isoetes louisianensis</i> | Lousiana       | E           | Plant | Both    | NGB     | Camp Shelby                    | None | None           |
|                              | Quillwort      |             |       |         |         |                                |      |                |
| <i>Isotria medeoloides</i>   | Small Whorled  | T           | Plant | Onsite  | MDW     | Ft. A.P. Hill                  | None | None           |
|                              | Pogonia        |             |       | Contig. | NGB     | Regional Training<br>Institute | None | None           |

| Scientific Name                                      | Common Name                  | Fed<br>Stat | Cat     | Occur                                                                | MACOM                                                            | Installation                                                                                                                                     | Crit                                                             | ESMP                                                                                           |
|------------------------------------------------------|------------------------------|-------------|---------|----------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <i>Labordia cyrtandrae</i>                           | Kamakahala                   | PE          | Plant   | Both<br>Onsite                                                       | USARPAC<br>USARPAC                                               | Kawailoa TA<br>Schofield Barracks MR                                                                                                             | NA<br>NA                                                         | In Preparation<br>In Preparation                                                               |
| <i>Lampsilis abrupta</i>                             | Pink Mucket<br>Pearlymussel  | E           | Clam    | Contig.<br>Contig.<br>Contig.                                        | FORSCOM<br>NGB<br>NGB                                            | Ft. Campbell<br>Skelton TS<br>Wappapello TS                                                                                                      | None<br>None<br>None                                             | None<br>In Preparation<br>None                                                                 |
| <i>Lampsilis higginsii</i>                           | Higgins' Eye<br>Pearlymussel | E           | Clam    | Both                                                                 | AMC                                                              | Savanna Army Depot                                                                                                                               | None                                                             | None                                                                                           |
| <i>Lasiurus cinereus<br/>semotus</i>                 | Hawaiian Hoary<br>Bat        | E           | Mammal  | Both<br><br>Both<br>Onsite<br>Onsite<br>Both<br>Both<br>Both<br>Both | NGB<br>USARPAC<br>NGB<br>NGB<br>NGB<br>USARPAC<br>NGB<br>USARPAC | Aahoaka & Wailua<br>River LTA<br>Kawailoa TA<br>Keamuku LTA<br>Keaukaha MR<br>Kekaha LTA<br>Pohakuloa TA<br>Pu'u Pa LTA<br>Schofield Barracks MR | None<br><br>None<br>None<br>None<br>None<br>None<br>None<br>None | None<br><br>In Preparation<br>None<br>None<br>None<br>In Preparation<br>None<br>In Preparation |
| <i>Lepidium arbuscula</i>                            | Anaunau                      | PE          | Plant   | Both<br>Both                                                         | USARPAC<br>USARPAC                                               | Makua MR<br>Schofield Barracks MR                                                                                                                | NA<br>NA                                                         | In Preparation<br>In Preparation                                                               |
| <i>Lepidochelys kempii</i>                           | Kemp's Ridley<br>Sea Turtle  | E           | Reptile | Contig.                                                              | MTMC                                                             | Sunny Point                                                                                                                                      | None                                                             | None                                                                                           |
| <i>Leptonycteris<br/>curasoae<br/>yerbabuenae</i>    | Lesser<br>Long-nosed Bat     | E           | Mammal  | Both                                                                 | TRADOC                                                           | Ft. Huachuca                                                                                                                                     | None                                                             | None                                                                                           |
| <i>Lespedeza<br/>leptostachya</i>                    | Prairie Bush<br>Clover       | T           | Plant   | Contig.                                                              | AMC                                                              | Badger AAP                                                                                                                                       | None                                                             | None                                                                                           |
| <i>Lilaeopsis<br/>schaffneriana ssp.<br/>recurva</i> | Huachuca<br>Water-umbel      | PE          | Plant   | Both                                                                 | TRADOC                                                           | Ft. Huachuca                                                                                                                                     | NA                                                               | None                                                                                           |
| <i>Lindera melissifolia</i>                          | Pondberry                    | E           | Plant   | Contig.                                                              | NGB                                                              | Wappapello TS                                                                                                                                    | None                                                             | None                                                                                           |
| <i>Lipochaeta lobata<br/>var. leptophylla</i>        | Nehe                         | E           | Plant   | Contig.                                                              | USARPAC                                                          | Schofield Barracks MR                                                                                                                            | None                                                             | In Preparation                                                                                 |
| <i>Lipochaeta tenuifolia</i>                         | Nehe                         | E           | Plant   | Onsite                                                               | USARPAC                                                          | Makua MR                                                                                                                                         | None                                                             | In Preparation                                                                                 |
| <i>Lipochaeta venosa</i>                             | No Common<br>Name            | E           | Plant   | Onsite<br>Onsite                                                     | NGB<br>NGB                                                       | Keamuku LTA<br>Pu'u Pa LTA                                                                                                                       | None<br>None                                                     | None<br>None                                                                                   |
| <i>Lobelia gaudichaudii<br/>ssp. koolauensis</i>     | Haha Oha                     | PE          | Plant   | Both                                                                 | USARPAC                                                          | Kawailoa TA                                                                                                                                      | NA                                                               | In Preparation                                                                                 |
| <i>Lobelia niihauensis</i>                           | Haha Oha                     | E           | Plant   | Contig.<br>Both                                                      | USARPAC<br>USARPAC                                               | Makua MR<br>Schofield Barracks MR                                                                                                                | None<br>None                                                     | In Preparation<br>In Preparation                                                               |
| <i>Lobelia oahuensis</i>                             | Haha Oha                     | E           | Plant   | Both<br>Both                                                         | USARPAC<br>USARPAC                                               | Kawailoa TA<br>Schofield Barracks MR                                                                                                             | None<br>None                                                     | In Preparation<br>In Preparation                                                               |
| <i>Loxioides bailleui</i>                            | Palila                       | E           | Bird    | Both                                                                 | USARPAC                                                          | Pohakuloa TA                                                                                                                                     | Yes                                                              | In Preparation                                                                                 |
| <i>Loxops coccineus<br/>coccineus</i>                | Hawaii 'Akepa                | E           | Bird    | Onsite<br>Contig.<br>Onsite                                          | NGB<br>USARPAC<br>NGB                                            | Keamuku LTA<br>Pohakuloa TA<br>Pu'u Pa LTA                                                                                                       | None<br>None<br>None                                             | None<br>Completed<br>None                                                                      |
| <i>Lycaeides melissa<br/>samuelis</i>                | Karner Blue<br>Butterfly     | E           | Insect  | Both<br>Contig.                                                      | USARC<br>NGB                                                     | Ft. McCoy<br>State MR                                                                                                                            | None<br>None                                                     | In Preparation<br>None                                                                         |
| <i>Lycopodium nutans</i>                             | Wawae'iole                   | E           | Plant   | Onsite<br>Contig.                                                    | USARPAC<br>USARPAC                                               | Kawailoa TA<br>Schofield Barracks MR                                                                                                             | None<br>None                                                     | In Preparation<br>In Preparation                                                               |
| <i>Lysimachia<br/>asperulaefolia</i>                 | Rough-leaved<br>Loosestrife  | E           | Plant   | Both<br>Onsite                                                       | FORSCOM<br>TRADOC                                                | Ft. Bragg<br>Ft. Jackson                                                                                                                         | None<br>None                                                     | In Preparation<br>In Preparation                                                               |

| Scientific Name                               | Common Name                    | Fed | Cat    | Occur   | MACOM   | Installation                       | Crit | ESMP           |
|-----------------------------------------------|--------------------------------|-----|--------|---------|---------|------------------------------------|------|----------------|
| Stat                                          |                                |     |        |         |         |                                    |      |                |
|                                               |                                |     |        | Onsite  | NGB     | Leesburg TS                        | None | In Preparation |
|                                               |                                |     |        | Both    | MTMC    | Sunny Point                        | None | In Preparation |
| <i>Macrhybopsis gelida</i>                    | Sturgeon Chub                  | C   | Fish   | Both    | FORSCOM | Ft. Riley                          | NA   | NA             |
|                                               |                                |     |        | Contig. | NGB     | Skelton TS                         | NA   | NA             |
| <i>Macrhybopsis meeki</i>                     | Sicklefin Chub                 | C   | Fish   | Contig. | NGB     | Skelton TS                         | NA   | NA             |
| <i>Manduca blackburni</i>                     | Blackburn's Sphinx Moth        | C   | Insect | Onsite  | NGB     | Kanaio LTA                         | NA   | NA             |
| <i>Marshallia mohrii</i>                      | Mohr's Barbara Buttons         | T   | Plant  | Onsite  | TRADOC  | Ft. McClellan                      | None | Completed      |
| <i>Melicope lydgatei</i>                      | Alani                          | E   | Plant  | Onsite  | USARPAC | Kawailoa TA                        | None | In Preparation |
| <i>Monachus schauinslandi</i>                 | Hawaiian Monk Seal             | E   | Mammal | Both    | USARPAC | Dillingham TA                      | None | In Preparation |
| <i>Mycteria americana</i>                     | Wood Stork                     | E   | Bird   | Both    | NGB     | Camp Blanding TS                   | None | Completed      |
|                                               |                                |     |        | Both    | TRADOC  | Ft. Benning                        | None | In Preparation |
|                                               |                                |     |        | Onsite  | TRADOC  | Ft. Gordon                         | None | In Preparation |
|                                               |                                |     |        | Both    | FORSCOM | Ft. Stewart & Hunter Army Airfield | None | In Preparation |
|                                               |                                |     |        | Contig. | MTMC    | Sunny Point                        | None | None           |
| <i>Myotis grisescens</i>                      | Gray Bat                       | E   | Mammal | Both    | NGB     | Camp Crowder                       | None | In Preparation |
|                                               |                                |     |        | Contig. | FORSCOM | Ft. Campbell                       | None | None           |
|                                               |                                |     |        | Onsite  | TRADOC  | Ft. Knox                           | None | In Preparation |
|                                               |                                |     |        | Both    | TRADOC  | Ft. McClellan                      | None | Completed      |
|                                               |                                |     |        | Contig. | TRADOC  | Ft. Rucker                         | None | None           |
|                                               |                                |     |        | Contig. | AMC     | Indiana AAP                        | None | None           |
|                                               |                                |     |        | Both    | AMC     | Redstone Arsenal                   | None | None           |
|                                               |                                |     |        | Contig. | NGB     | Skelton TS                         | None | None           |
|                                               |                                |     |        | Contig. | NGB     | Truman TS                          | None | None           |
|                                               |                                |     |        | Contig. | NGB     | Tulahoma TS                        | None | None           |
|                                               |                                |     |        | Both    | NGB     | Western Kentucky TS                | None | None           |
| <i>Myotis sodalis</i>                         | Indiana Bat                    | E   | Mammal | Contig. | FORSCOM | Ft. Campbell                       | None | None           |
|                                               |                                |     |        | Both    | TRADOC  | Ft. Knox                           | None | In Preparation |
|                                               |                                |     |        | Contig. | AMC     | Indiana AAP                        | None | None           |
|                                               |                                |     |        | Onsite  | AMC     | Jefferson Proving Ground           | None | None           |
|                                               |                                |     |        | Contig. | NGB     | Macon TS                           | None | None           |
|                                               |                                |     |        | Both    | AMC     | Picatinny Arsenal                  | None | In Preparation |
|                                               |                                |     |        |         |         | Tacom-ARDEC                        |      |                |
|                                               |                                |     |        | Contig. | AMC     | Ravenna AAP                        | None | None           |
|                                               |                                |     |        | Contig. | AMC     | Savanna Army Depot                 | None | None           |
| <i>Myrsine juddii</i>                         | Kolea                          | PE  | Plant  | Both    | USARPAC | Kawailoa TA                        | NA   | In Preparation |
| <i>Neonympha mitchellii francisci</i>         | Saint Francis' Satyr Butterfly | E   | Insect | Onsite  | FORSCOM | Ft. Bragg                          | None | In Preparation |
| <i>Neraudia angulata</i> var. <i>angulata</i> | Ma'aloa                        | E   | Plant  | Onsite  | USARPAC | Makua MR                           | None | In Preparation |
|                                               |                                |     |        | Onsite  | USARPAC | Schofield Barracks MR              | None | In Preparation |
| <i>Neraudia angulata</i> var. <i>dentata</i>  | Ma'aloa                        | E   | Plant  | Onsite  | USARPAC | Makua MR                           | None | In Preparation |
|                                               |                                |     |        | Onsite  | USARPAC | Schofield Barracks MR              | None | In Preparation |
| <i>Neraudia ovata</i>                         | Ma'aloa                        | PE  | Plant  | Onsite  | USARPAC | Pohakuloa TA                       | NA   | In Preparation |

| Scientific Name                                          | Common Name                      | Fed<br>Stat | Cat        | Occur                                                                                           | MACOM                                                                                      | Installation                                                                                                                                                                                                    | Crit                                                                         | ESMP                                                                                                                                                                                |
|----------------------------------------------------------|----------------------------------|-------------|------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Nerodia erythrogaster neglecta</i>                    | Northern Copperbelly Water Snake | PT          | Reptile    | Contig.                                                                                         | FORSCOM                                                                                    | Ft. Campbell                                                                                                                                                                                                    | NA                                                                           | None                                                                                                                                                                                |
| <i>Nesochen sandvicensis</i>                             | Hawaiian Goose                   | E           | Bird       | Onsite<br>Both<br>Both                                                                          | NGB<br>NGB<br>USARPAC                                                                      | Keamuku LTA<br>Kekaha LTA<br>Pohakuloa TA                                                                                                                                                                       | None<br>None<br>None                                                         | None<br>None<br>In Preparation                                                                                                                                                      |
| <i>Nicrophorus americanus</i>                            | American Burying Beetle          | E           | Insect     | Contig.<br>Both<br>Both<br>Both                                                                 | NGB<br>NGB<br>TRADOC<br>AMC                                                                | Camp Crowder<br>Camp Gruber<br>Ft. Chaffee<br>McAlester AAP                                                                                                                                                     | None<br>None<br>None<br>None                                                 | None<br>Completed<br>In Preparation<br>In Preparation                                                                                                                               |
| <i>Nothocestrum breviflorum</i>                          | Aiea                             | E           | Plant      | Onsite<br>Onsite                                                                                | NGB<br>NGB                                                                                 | Keamuku LTA<br>Pu'u Pa LTA                                                                                                                                                                                      | None<br>None                                                                 | None<br>None                                                                                                                                                                        |
| <i>Nototrichium humile</i>                               | Kulu'i                           | E           | Plant      | Onsite<br>Both<br>Contig.                                                                       | USARPAC<br>USARPAC<br>USARPAC                                                              | Dillingham TA<br>Makua MR<br>Schofield Barracks MR                                                                                                                                                              | None<br>None<br>None                                                         | In Preparation<br>In Preparation<br>In Preparation                                                                                                                                  |
| <i>Notropis topeka</i>                                   | Topeka Shiner                    | C           | Fish       | Both<br>Contig.                                                                                 | FORSCOM<br>NGB                                                                             | Ft. Riley<br>Skelton TS                                                                                                                                                                                         | NA<br>NA                                                                     | NA<br>NA                                                                                                                                                                            |
| <i>Obovaria retusa</i>                                   | Ring Pink                        | E           | Clam       | Contig.                                                                                         | FORSCOM                                                                                    | Ft. Campbell                                                                                                                                                                                                    | None                                                                         | None                                                                                                                                                                                |
| <i>Oncorhynchus clarki stomias</i>                       | Greenback Cutthroat Trout        | T           | Fish       | Onsite                                                                                          | FORSCOM                                                                                    | Ft. Carson                                                                                                                                                                                                      | NR                                                                           | NR                                                                                                                                                                                  |
| <i>Oreomystis mana</i>                                   | Hawaii Creeper                   | E           | Bird       | Onsite<br>Contig.<br>Onsite                                                                     | NGB<br>USARPAC<br>NGB                                                                      | Keamuku LTA<br>Pohakuloa TA<br>Pu'u Pa LTA                                                                                                                                                                      | None<br>None<br>None                                                         | None<br>Completed<br>None                                                                                                                                                           |
| <i>Ottoschulzia rhodoxylon</i>                           | Palo de Rosa                     | E           | Plant      | Onsite                                                                                          | FORSCOM                                                                                    | Ft. Buchanan                                                                                                                                                                                                    | None                                                                         | None                                                                                                                                                                                |
| <i>Palaemonias alabamiae</i>                             | Alabama Cave Shrimp              | E           | Crustacean | Both                                                                                            | AMC                                                                                        | Redstone Arsenal                                                                                                                                                                                                | None                                                                         | In Preparation                                                                                                                                                                      |
| <i>Paroreomyza flammea</i>                               | Molokai Creeper                  | E           | Bird       | Both                                                                                            | USARPAC<br>USARPAC<br>USARPAC                                                              | Kawailoa TA<br>Makua MR<br>Schofield Barracks MR                                                                                                                                                                | None<br>None<br>None                                                         | In Preparation<br>In Preparation<br>In Preparation                                                                                                                                  |
| <i>Phyllostegia hirsuta</i>                              | No Common Name                   | PE          | Plant      | Contig.<br>Onsite<br>Both                                                                       | USARPAC<br>USARPAC<br>USARPAC                                                              | Kahuku TA<br>Kawailoa TA<br>Schofield Barracks MR                                                                                                                                                               | None<br>NA<br>NA                                                             | In Preparation<br>In Preparation<br>In Preparation                                                                                                                                  |
| <i>Phyllostegia mollis</i>                               | No Common Name                   | E           | Plant      | Contig.                                                                                         | USARPAC                                                                                    | Schofield Barracks MR                                                                                                                                                                                           | None                                                                         | In Preparation                                                                                                                                                                      |
| <i>Phyllostegia parviflora</i><br>var. <i>parviflora</i> | No Common Name                   | E           | Plant      | Onsite                                                                                          | USARPAC                                                                                    | Kawailoa TA                                                                                                                                                                                                     | None                                                                         | In Preparation                                                                                                                                                                      |
| <i>Picoides borealis</i>                                 | Red-cockaded Woodpecker          | E           | Bird       | Contig.<br>Onsite<br>Contig.<br>Onsite<br>Both<br>Onsite<br>Onsite<br>Contig.<br>Both<br>Onsite | NGB<br>NGB<br>NGB<br>TRADOC<br>FORSCOM<br>TRADOC<br>TRADOC<br>TRADOC<br>FORSCOM<br>FORSCOM | Camp Beauregard<br>Camp Blanding TS<br>Camp Shelby<br>Ft. Benning<br>Ft. Bragg<br>Ft. Gordon<br>Ft. Jackson<br>Ft. McClellan<br>Ft. Polk<br>Ft. Stewart & Hunter<br>Army Airfield<br>Leesburg TS<br>Sunny Point | None<br>None<br>None<br>None<br>None<br>None<br>None<br>None<br>None<br>None | Completed<br>Completed<br>In Preparation<br>In Preparation<br>In Preparation<br>In Preparation<br>In Preparation<br>Completed<br>In Preparation<br>In Preparation<br>In Preparation |

| Scientific Name                                        | Common Name                          | Fed<br>Stat | Cat       | Occur   | MACOM   | Installation                        | Crit | ESMP           |
|--------------------------------------------------------|--------------------------------------|-------------|-----------|---------|---------|-------------------------------------|------|----------------|
| <i>Piperia yadonii</i>                                 | Yadon's Piperia                      | PE          | Plant     | Both    | TRADOC  | Pom Annex                           | NA   | Completed      |
|                                                        |                                      |             |           | Both    | TRADOC  | Presidio of Monterey                | NA   | In Preparation |
| <i>Plantago princeps</i><br><i>var. longibracteata</i> | Laukahi Kuahiwi                      | E           | Plant     | Both    | USARPAC | Kawailoa TA                         | None | In Preparation |
| <i>Plantago princeps</i><br><i>var. princeps</i>       | Laukahi Kuahiwi                      | E           | Plant     | Both    | USARPAC | Makua MR                            | None | In Preparation |
| <i>Platanthera holochila</i>                           | No Common<br>Name                    | PE          | Plant     | Contig. | USARPAC | Kawailoa TA                         | NA   | In Preparation |
| <i>Plethobasus</i><br><i>cooperianus</i>               | Orange Footed<br>Pearly Mussel       | E           | Clam      | Contig. | FORSCOM | Ft. Campbell                        | None | None           |
| <i>Pleurobema plenum</i>                               | Rough Pigtoe                         | E           | Clam      | Contig. | FORSCOM | Ft. Campbell                        | None | None           |
| <i>Polygyris</i><br><i>virginianus</i>                 | Virginia Fringed<br>Mountain Snail   | E           | Snail     | Both    | AMC     | Radford AAP                         | None | None           |
| <i>Portulaca sclerocarpa</i>                           | Po'e                                 | E           | Plant     | Onsite  | NGB     | Keamuku LTA                         | None | None           |
|                                                        |                                      |             |           | Both    | USARPAC | Pohakuloa TA                        | None | In Preparation |
|                                                        |                                      |             |           | Onsite  | NGB     | Pu'u Pa LTA                         | None | None           |
| <i>Pritchardia kaalae</i>                              | Loulu                                | PE          | Plant     | Onsite  | USARPAC | Makua MR                            | NA   | In Preparation |
|                                                        |                                      |             |           | Contig. | USARPAC | Schofield Barracks MR               | NA   | In Preparation |
| <i>Psittirostra psittacea</i>                          | O'u                                  | E           | Bird      | Contig. | USARPAC | Pohakuloa TA                        | None | Completed      |
| <i>Pteris lidgatei</i>                                 | No Common<br>Name                    | E           | Plant     | Onsite  | USARPAC | Kawailoa TA                         | None | In Preparation |
|                                                        |                                      |             |           | Onsite  | USARPAC | Schofield Barracks MR               | None | In Preparation |
| <i>Pterodroma</i><br><i>phaeopygia</i>                 | Hawaiian<br>Dark-rumped<br>Petrel    | E           | Bird      | Onsite  | NGB     | Kanaio LTA                          | None | None           |
|                                                        |                                      |             |           | Contig. | USARPAC | Pohakuloa TA                        | None | In Preparation |
| <i>Ptilimnium nodosum</i>                              | Harperella                           | E           | Plant     | Both    | NGB     | Lil Aaron Straus<br>Wilderness Area | None | In Preparation |
| <i>Puffinus auricularis</i><br><i>newelli</i>          | Newell's<br>Townsend's<br>Shearwater | T           | Bird      | Both    | NGB     | Aahoaka & Wailua<br>River LTA       | None | None           |
| <i>Pyrgulopsis</i><br><i>thompsoni</i>                 | Huachuca<br>Springsnail              | C           | Snail     | Both    | TRADOC  | Ft. Huachuca                        | NA   | NA             |
| <i>Quadrula fragosa</i>                                | Winged Mapleleaf<br>Mussel           | E           | Clam      | Contig. | FORSCOM | Ft. Campbell                        | None | None           |
| <i>Rana aurora draytoni</i>                            | California<br>Red-legged Frog        | PE          | Amphibian | Both    | NGB     | Camp San Luis Obispo                | NA   | In Preparation |
|                                                        |                                      |             |           | Contig. | USARC   | Ft. Hunter Liggett                  | NA   | None           |
|                                                        |                                      |             |           | Both    | USARC   | Parks RFT.A                         | NA   | None           |
|                                                        |                                      |             |           | Contig. | TRADOC  | Pom Annex                           | NA   | Completed      |
| <i>Rana pretiosa</i>                                   | Spotted Frog                         | C           | Amphibian | Contig. | AMC     | Dugway Proving<br>Ground            | NA   | NA             |
|                                                        |                                      |             |           | Contig. | FORSCOM | Ft. Lewis                           | NA   | NA             |
| <i>Rana subaquavocalis</i>                             | Ramsey Canyon<br>Leopard Frog        | C           | Amphibian | Both    | TRADOC  | Ft. Huachuca                        | NA   | NA             |
| <i>Rhododendron</i><br><i>chapmanii</i>                | Chapman's<br>Rhododendron            | E           | Plant     | Onsite  | NGB     | Camp Blanding TS                    | None | Completed      |
| <i>Rhus michauxii</i>                                  | Michaux's Sumac                      | E           | Plant     | Both    | FORSCOM | Ft. Bragg                           | None | In Preparation |
|                                                        |                                      |             |           | Onsite  | USARC   | Ft. Pickett                         | None | None           |
| <i>Rollandia crispa</i>                                | Haha Oha                             | E           | Plant     | Both    | USARPAC | Kawailoa TA                         | None | In Preparation |
| <i>Rumex orthoneurus</i>                               | Blumer's Dock                        | C           | Plant     | Both    | TRADOC  | Ft. Huachuca                        | NA   | NA             |

| Scientific Name                   | Common Name                 | Fed<br>Stat | Cat    | Occur   | MACOM   | Installation             | Crit | ESMP           |
|-----------------------------------|-----------------------------|-------------|--------|---------|---------|--------------------------|------|----------------|
| <i>Salvelinus confluentus</i>     | Bull Trout                  | C           | Fish   | Contig. | FORSCOM | Ft. Lewis                | NA   | NA             |
| <i>Sanicula maritima</i>          | No Common Name              | E           | Plant  | Both    | USARPAC | Makua MR                 | None | In Preparation |
| <i>Sanicula purpurea</i>          | No Common Name              | PE          | Plant  | Both    | USARPAC | Kawailoa TA              | NA   | In Preparation |
|                                   |                             |             |        | Both    | USARPAC | Schofield Barracks MR    | NA   | In Preparation |
| <i>Scaphirhynchus albus</i>       | Pallid Sturgeon             | E           | Fish   | Contig. | NGB     | Skelton TS               | None | In Preparation |
| <i>Schiedea hookeri</i>           | No Common Name              | PE          | Plant  | Both    | USARPAC | Makua MR                 | NA   | In Preparation |
|                                   |                             |             |        | Both    | USARPAC | Schofield Barracks MR    | NA   | In Preparation |
| <i>Schiedea kealiae</i>           | Ma'oli'oli                  | PE          | Plant  | Onsite  | USARPAC | Dillingham TA            | NA   | In Preparation |
| <i>Schiedea nuttallii</i>         | No Common Name              | PE          | Plant  | Onsite  | USARPAC | Makua MR                 | NA   | In Preparation |
|                                   |                             |             |        | Contig. | USARPAC | Schofield Barracks MR    | NA   | In Preparation |
| <i>Schwalbea americana</i>        | American Chaffseed          | E           | Plant  | Both    | FORSCOM | Ft. Bragg                | None | In Preparation |
| <i>Scutellaria montana</i>        | Large-flowered Skullcap     | E           | Plant  | Onsite  | AMC     | Volunteer AAP            | None | Completed      |
| <i>Sesbania tomentosa</i>         | Ohai                        | E           | Plant  | Onsite  | NGB     | Kanaio LTA               | None | None           |
| <i>Silene hawaiiensis</i>         | Hawaiian Catchfly           | T           | Plant  | Onsite  | USARPAC | Pohakuloa TA             | None | In Preparation |
| <i>Silene lanceolata</i>          | Lanceleaf Catchfly          | E           | Plant  | Onsite  | USARPAC | Makua MR                 | None | In Preparation |
|                                   |                             |             |        | Onsite  | USARPAC | Pohakuloa TA             | None | In Preparation |
| <i>Solanum incompletum</i>        | Spiny Popolo                | E           | Plant  | Onsite  | USARPAC | Pohakuloa TA             | None | In Preparation |
| <i>Solanum sandwicense</i>        | Popolo                      | E           | Plant  | Contig. | USARPAC | Kahuku TA                | None | In Preparation |
|                                   | 'Aiakeakua                  |             |        | Contig. | USARPAC | Schofield Barracks MR    | None | In Preparation |
| <i>Solidago houghtonii</i>        | Houghton's Goldenrod        | T           | Plant  | Both    | NGB     | Camp Grayling            | None | In Preparation |
| <i>Spermolepis hawaiiensis</i>    | Hawaiian Parsley            | E           | Plant  | Both    | USARPAC | Makua MR                 | None | In Preparation |
|                                   |                             |             |        | Onsite  | USARPAC | Pohakuloa TA             | None | In Preparation |
| <i>Speyeria zerene hippolyta</i>  | Oregon Silverspot Butterfly | T           | Insect | Onsite  | NGB     | Camp Rilea               | Yes  | In Preparation |
| <i>Spiranthes diluvialis</i>      | Ute Ladies'-tresses         | T           | Plant  | Contig. | AMC     | Dugway Proving Ground    | None | None           |
|                                   |                             |             |        | Onsite  | FORSCOM | Ft. Carson               | NR   | NR             |
| <i>Stenogyne angustifolia</i>     | No Common Name              | E           | Plant  | Onsite  | USARPAC | Pohakuloa TA             | None | In Preparation |
|                                   |                             |             |        | Onsite  | NGB     | Pu'u Pa LTA              | None | None           |
| <i>Stenogyne kanehoana</i>        | No Common Name              | E           | Plant  | Contig. | USARPAC | Schofield Barracks MR    | None | In Preparation |
| <i>Sterna antillarum</i>          | Least Tern                  | E           | Bird   | Both    | FORSCOM | Ft. Riley                | None | In Preparation |
|                                   |                             |             |        | Both    | NGB     | Skelton TS               | None | In Preparation |
| <i>Sterna dougallii</i>           | Roseate Tern                | E           | Bird   | Contig. | MTMC    | Sunny Point              | None | None           |
| <i>Strix occidentalis caurina</i> | Northern Spotted Owl        | T           | Bird   | H       | FORSCOM | Ft. Lewis                | Yes  | Completed      |
| <i>Strix occidentalis lucida</i>  | Mexican Spotted Owl         | T           | Bird   | Both    | NGB     | Camp Navajo MR           | Yes  | In Preparation |
|                                   |                             |             |        | Both    | TRADOC  | Ft. Bliss                | None | In Preparation |
|                                   |                             |             |        | Both    | FORSCOM | Ft. Carson               | NR   | NR             |
|                                   |                             |             |        | Both    | TRADOC  | Ft. Huachuca             | Yes  | None           |
|                                   |                             |             |        | Contig. | AMC     | White Sands Missile Rng. | None | None           |

| Scientific Name                                           | Common Name                       | Fed<br>Stat | Cat    | Occur                        | MACOM                              | Installation                                             | Crit                         | ESMP                                                            |
|-----------------------------------------------------------|-----------------------------------|-------------|--------|------------------------------|------------------------------------|----------------------------------------------------------|------------------------------|-----------------------------------------------------------------|
| <i>Tetramolopium arenarium</i>                            | Mauna Kea<br>Pamakani             | E           | Plant  | Onsite                       | USARPAC                            | Pohakuloa TA                                             | None                         | In Preparation                                                  |
| <i>Tetramolopium arenarium arenarium</i>                  | No Common<br>Name                 | E           | Plant  | Onsite<br>Onsite             | NGB<br>NGB                         | Keamuku LTA<br>Pu'u Pa LTA                               | None<br>None                 | None<br>None                                                    |
| <i>Tetramolopium filiforme</i> var.<br><i>polyphyllum</i> | No Common<br>Name                 | E           | Plant  | Both                         | USARPAC                            | Makua MR                                                 | None                         | In Preparation                                                  |
| <i>Tetramolopium lepidotum</i> ssp.<br><i>lepidotum</i>   | No Common<br>Name                 | E           | Plant  | Contig.<br>Contig.           | USARPAC<br>USARPAC                 | Makua MR<br>Schofield Barracks MR                        | None<br>None                 | In Preparation<br>In Preparation                                |
| <i>Tetraplasandra gymnocarpa</i>                          | 'Ohe'ohe                          | E           | Plant  | Both<br>Both<br>Both         | USARPAC<br>USARPAC<br>USARPAC      | Kahuku TA<br>Kawailoa TA<br>Schofield Barracks MR        | None<br>None<br>None         | In Preparation<br>In Preparation<br>In Preparation              |
| <i>Thalictrum cooleyi</i>                                 | Cooley's<br>Meadowrue             | E           | Plant  | Contig.                      | MTMC                               | Sunny Point                                              | None                         | None                                                            |
| <i>Trichechus manatus</i>                                 | West Indian<br>Manatee            | E           | Mammal | Contig.                      | MTMC                               | Sunny Point                                              | None                         | None                                                            |
| <i>Trifolium stoloniferum</i>                             | Running Buffalo<br>Clover         | E           | Plant  | Both                         | AMC                                | Bluegrass Army Depot                                     | None                         | None                                                            |
| <i>Trillium reliquum</i>                                  | Relict Trillium                   | E           | Plant  | Onsite                       | TRADOC                             | Ft. Benning                                              | None                         | In Preparation                                                  |
| <i>Urera kaalae</i>                                       | Opuhe                             | E           | Plant  | Both                         | USARPAC                            | Schofield Barracks MR                                    | None                         | In Preparation                                                  |
| <i>Ursus americanus floridanus</i>                        | Florida Black<br>Bear             | C           | Mammal | Both                         | NGB                                | Camp Blanding TS                                         | NA                           | NA                                                              |
| <i>Vigna o-wahuensis</i>                                  | No Common<br>Name                 | E           | Plant  | Onsite                       | NGB                                | Keamuku LTA                                              | None                         | None                                                            |
| <i>Viola chamissoniana</i> ssp.                           | Pamakani                          | E           | Plant  | Onsite<br>Both               | USARPAC<br>USARPAC                 | Makua MR<br>Schofield Barracks MR                        | None<br>None                 | In Preparation<br>In Preparation                                |
| <i>Viola oahuensis</i>                                    | No Common<br>Name                 | PE          | Plant  | Both<br>Both                 | USARPAC<br>USARPAC                 | Kawailoa TA<br>Schofield Barracks MR                     | NA<br>NA                     | In Preparation<br>In Preparation                                |
| <i>Vireo atricapillus</i>                                 | Black-capped<br>Vireo             | E           | Bird   | Both<br>Both<br>Both<br>Both | NGB<br>FORSCOM<br>MEDCOM<br>TRADOC | Camp Berkeley<br>Ft. Hood<br>Ft. Sam Houston<br>Ft. Sill | None<br>None<br>None<br>None | Completed<br>In Preparation<br>In Preparation<br>In Preparation |
| <i>Vireo bellii pusillus</i>                              | Least Bell's Vireo                | E           | Bird   | Onsite<br>Both               | NGB<br>USARC                       | Camp San Luis Obispo<br>Ft. Hunter Liggett               | None<br>None                 | In Preparation<br>None                                          |
| <i>Vulpes macrotis mutica</i>                             | San Joaquin Kit<br>Fox            | E           | Mammal | Both<br>Both<br>Contig.      | NGB<br>USARC<br>USARC              | Camp Roberts<br>Ft. Hunter Liggett<br>Parks RFT.A        | None<br>None<br>None         | None<br>In Preparation<br>None                                  |
| <i>Vulpes velox</i>                                       | Swift Fox                         | C           | Mammal | Both                         | FORSCOM                            | Pinon Canyon MS                                          | NA                           | NA                                                              |
| <i>Xyris tennesseensis</i>                                | Tennessee<br>Yellow-eyed<br>Grass | E           | Plant  | Both<br>Both                 | AMC<br>TRADOC                      | Anniston Army Depot<br>Ft. McClellan                     | None<br>None                 | Completed<br>Completed                                          |
| <i>Zanthoxylum hawaiiense</i>                             | A'e                               | E           | Plant  | Onsite<br>Both               | NGB<br>USARPAC                     | Keamuku LTA<br>Pohakuloa TA                              | None<br>None                 | None<br>In Preparation                                          |

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