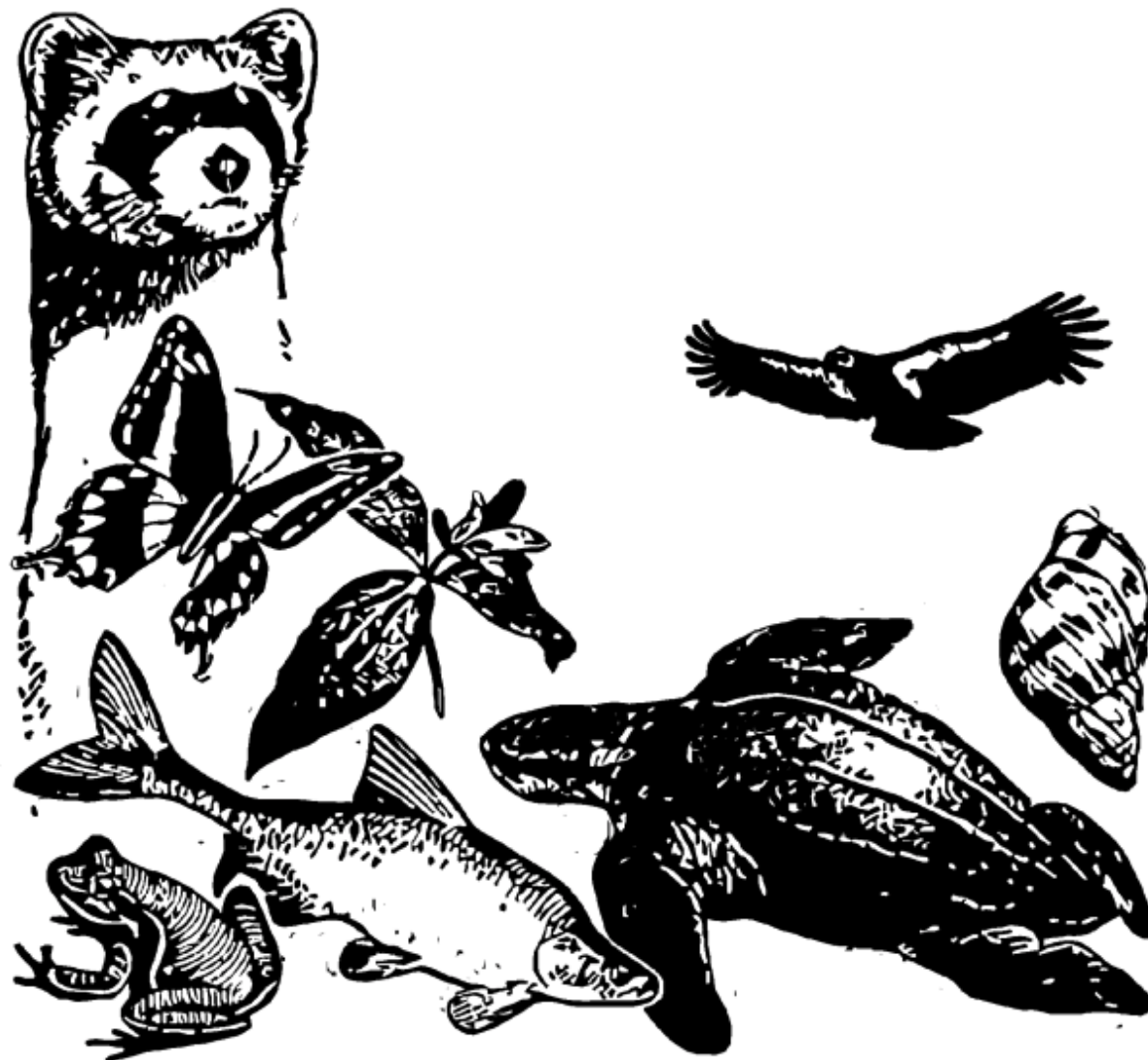


# Trump Wall

## *IPaC Trust Resources Report*

Generated May 03, 2016 02:10 PM MDT, IPaC v3.0.2

This report is for informational purposes only and should not be used for planning or analyzing project level impacts. For project reviews that require U.S. Fish & Wildlife Service review or concurrence, please return to the IPaC website and request an official species list from the Regulatory Documents page.



# Table of Contents

- IPaC Trust Resources Report ..... [1](#)
- Project Description ..... [1](#)
- Endangered Species ..... [3](#)
- Migratory Birds ..... [24](#)
- Refuges & Hatcheries ..... [32](#)
- Wetlands ..... [33](#)

# IPaC Trust Resources Report



NAME

Trump Wall

LOCATION

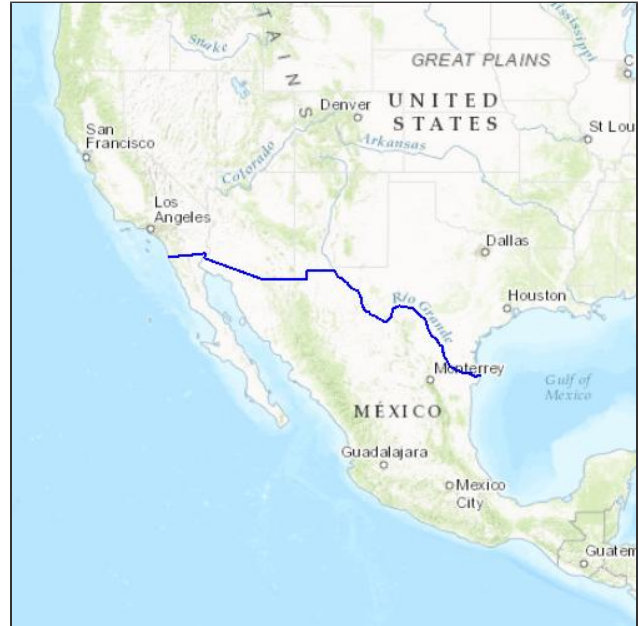
Arizona, California, New Mexico and Texas

DESCRIPTION

Nobody builds a better wall than us.

IPAC LINK

<https://ecos.fws.gov/ipac/project/VTJPK-BIZHJ-F45L2-BAM53-A2NCYM>



## U.S. Fish & Wildlife Service Contact Information

Trust resources in this location are managed by:

### **New Mexico Ecological Services Field Office**

2105 Osuna Road Ne  
Albuquerque, NM 87113-1001  
(505) 346-2525

### **Carlsbad Fish And Wildlife Office**

2177 Salk Avenue - Suite 250  
Carlsbad, CA 92008-7385  
(760) 431-9440

### **Austin Ecological Services Field Office**

10711 Burnet Road, Suite 200  
Austin, TX 78758-4460  
(512) 490-0057

**Arizona Ecological Services Field Office**

2321 West Royal Palm Road, Suite 103

Phoenix, AZ 85021-4915

(602) 242-0210

**Texas Coastal Ecological Services Field Office**

17629 El Camino Real, Suite 211

Houston, TX 77058-3051

(281) 286-8282

## Endangered Species

Proposed, candidate, threatened, and endangered species are managed by the [Endangered Species Program](#) of the U.S. Fish & Wildlife Service.

**This USFWS trust resource report is for informational purposes only and should not be used for planning or analyzing project level impacts.**

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list from the Regulatory Documents section.

[Section 7](#) of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency.

**A letter from the local office and a species list which fulfills this requirement can only be obtained by requesting an official species list either from the Regulatory Documents section in IPaC or from the local field office directly.**

The list of species below are those that may occur or could potentially be affected by activities in this location:

## Amphibians

### **Arizona Treefrog** *Hyla wrightorum* Candidate

MANAGED BY

Arizona Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=D03S](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=D03S)

### **Arroyo (=arroyo Southwestern) Toad** *Anaxyrus californicus* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=D020](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=D020)

### **Chiricahua Leopard Frog** *Rana chiricahuensis* Threatened

MANAGED BY

Arizona Ecological Services Field Office

New Mexico Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=D02F](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=D02F)

### **San Marcos Salamander** *Eurycea nana* Threatened

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=D00I](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=D00I)

### **Texas Blind Salamander** *Typhlomolge rathbuni* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=D001](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=D001)

## Birds

### **Black-capped Vireo** *Vireo atricapilla* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=B07T](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B07T)

### **California Condor** *Gymnogyps californianus* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=B002](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B002)

### **California Least Tern** *Sterna antillarum browni* Endangered

MANAGED BY

Arizona Ecological Services Field Office

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=B03X](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B03X)

### **Coastal California Gnatcatcher** *Polioptila californica californica* Threatened

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=B08X](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B08X)

### **Golden-cheeked Warbler (=wood)** *Dendroica chrysoparia* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=B07W](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B07W)

### **Least Bell's Vireo** *Vireo bellii pusillus* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=B067](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B067)

**Least Tern** *Sterna antillarum* Endangered

MANAGED BY

Austin Ecological Services Field Office  
New Mexico Ecological Services Field Office  
Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B07N](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B07N)

**Light-footed Clapper Rail** *Rallus longirostris levipes* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B04B](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B04B)

**Mexican Spotted Owl** *Strix occidentalis lucida* Threatened

MANAGED BY

Arizona Ecological Services Field Office  
Austin Ecological Services Field Office  
New Mexico Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B074](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B074)

**Northern Aplomado Falcon** *Falco femoralis septentrionalis* Experimental Population, Non-Essential

MANAGED BY

Arizona Ecological Services Field Office  
New Mexico Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B06V](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B06V)

**Northern Aplomado Falcon** *Falco femoralis septentrionalis* Endangered

MANAGED BY

Austin Ecological Services Field Office  
Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B06V](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B06V)



**Piping Plover** *Charadrius melodus* Threatened

MANAGED BY

Austin Ecological Services Field Office  
Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B079](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B079)

**Red Knot** *Calidris canutus rufa* Threatened

MANAGED BY

Austin Ecological Services Field Office  
Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B0DM](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DM)

**Red-crowned Parrot** *Amazona viridigenalis* Candidate

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B0GO](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0GO)

**Southwestern Willow Flycatcher** *Empidonax traillii extimus* Endangered

MANAGED BY

Arizona Ecological Services Field Office  
Austin Ecological Services Field Office  
Carlsbad Fish And Wildlife Office  
New Mexico Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B094](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B094)

**Western Snowy Plover** *Charadrius alexandrinus nivosus* Threatened

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B07C](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B07C)

## **Yellow-billed Cuckoo** *Coccyzus americanus*

Threatened

MANAGED BY

Arizona Ecological Services Field Office  
Austin Ecological Services Field Office  
New Mexico Ecological Services Field Office

CRITICAL HABITAT

There is **proposed** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B06R](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B06R)

## **Yuma Clapper Rail** *Rallus longirostris yumanensis*

Endangered

MANAGED BY

Arizona Ecological Services Field Office  
Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B00P](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B00P)

## Clams

### **Texas Hornshell** *Popenaias popei*

Candidate

MANAGED BY

Austin Ecological Services Field Office  
Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=F02M](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=F02M)

## Crustaceans

**Diminutive Amphipod** *Gammarus hyalleloides* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=K020](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=K020)

**Peck's Cave Amphipod** *Stygobromus (=Stygonectes) pecki* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=K019](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=K019)

**Riverside Fairy Shrimp** *Streptocephalus woottoni* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=K03F](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=K03F)

**San Diego Fairy Shrimp** *Branchinecta sandiegonensis* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=K049](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=K049)

## Fishes

**Beautiful Shiner** *Cyprinella formosa* Threatened

MANAGED BY

Arizona Ecological Services Field Office  
New Mexico Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=E04B](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E04B)

**Big Bend Gambusia** *Gambusia gaigei* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=E004](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E004)

**Comanche Springs Pupfish** *Cyprinodon elegans* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=E008](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E008)

**Desert Pupfish** *Cyprinodon macularius* Endangered

MANAGED BY

Arizona Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=E044](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E044)

**Devils River Minnow** *Dionda diaboli* Threatened

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=E03V](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E03V)

**Fountain Darter** *Etheostoma fonticola* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=E00T](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E00T)

<b>Loach Minnow</b> <i>Tiaroga cobitis</i>	Endangered
MANAGED BY New Mexico Ecological Services Field Office	
CRITICAL HABITAT There is <b>final</b> critical habitat designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E03X">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E03X</a>	
<b>Pecos Gambusia</b> <i>Gambusia nobilis</i>	Endangered
MANAGED BY Austin Ecological Services Field Office	
CRITICAL HABITAT <b>No critical habitat</b> has been designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E00V">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E00V</a>	
<b>Rio Grande Silvery Minnow</b> <i>Hybognathus amarus</i>	Experimental Population, Non-Essential
MANAGED BY Austin Ecological Services Field Office	
CRITICAL HABITAT <b>No critical habitat</b> has been designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E07I">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E07I</a>	
<b>Spikedace</b> <i>Meda fulgida</i>	Endangered
MANAGED BY New Mexico Ecological Services Field Office	
CRITICAL HABITAT There is <b>final</b> critical habitat designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E05J">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E05J</a>	
<b>Yaqui Catfish</b> <i>Ictalurus pricei</i>	Threatened
MANAGED BY Arizona Ecological Services Field Office	
CRITICAL HABITAT There is <b>final</b> critical habitat designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E02H">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E02H</a>	
<b>Yaqui Chub</b> <i>Gila purpurea</i>	Endangered
MANAGED BY Arizona Ecological Services Field Office	
CRITICAL HABITAT There is <b>final</b> critical habitat designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E034">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E034</a>	

## Flowering Plants

**Ashy Dogweed** *Thymophylla tephroleuca* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q1SH](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q1SH)

**Bunched Cory Cactus** *Coryphantha ramillosa* Threatened

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q1UV](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q1UV)

**California Orcutt Grass** *Orcuttia californica* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q1ZO](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q1ZO)

**Chisos Mountain Hedgehog Cactus** *Echinocereus chisoensis* var. *chisoensis* Threatened

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q294](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q294)

**Cochise Pincushion Cactus** *Coryphantha robbinsiorum* Threatened

MANAGED BY

Arizona Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q27L](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q27L)

**Davis' Green Pitaya** *Echinocereus viridiflorus* var. *davisii* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q1W0](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q1W0)

**Encinitas Baccharis** *Baccharis vanessae* Threatened

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?scode=Q264](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?scode=Q264)

**Guadalupe Fescue** *Festuca ligulata* Candidate

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?scode=Q0UM](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?scode=Q0UM)

**Hinckley Oak** *Quercus hinckleyi* Threatened

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?scode=Q211](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?scode=Q211)

**Huachuca Water-umbel** *Lilaeopsis schaffneriana* var. *recurva* Endangered

MANAGED BY

Arizona Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?scode=Q2PK](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?scode=Q2PK)

**Little Aguja (=creek) Pondweed** *Potamogeton clystocarpus* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?scode=Q20U](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?scode=Q20U)

**Lloyd's Mariposa Cactus** *Echinomastus mariposensis* Threatened

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?scode=Q1W2](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?scode=Q1W2)

<b>Mexican Flannelbush</b> <i>Fremontodendron mexicanum</i>	Endangered
MANAGED BY Carlsbad Fish And Wildlife Office	
CRITICAL HABITAT There is <b>final</b> critical habitat designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q2OZ">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q2OZ</a>	
<b>Nellie Cory Cactus</b> <i>Coryphantha minima</i>	Endangered
MANAGED BY Austin Ecological Services Field Office	
CRITICAL HABITAT <b>No critical habitat</b> has been designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q1UU">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q1UU</a>	
<b>Otay Mesa-mint</b> <i>Pogogyne nudiuscula</i>	Endangered
MANAGED BY Carlsbad Fish And Wildlife Office	
CRITICAL HABITAT <b>No critical habitat</b> has been designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q2GS">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q2GS</a>	
<b>Otay Tarplant</b> <i>Deinandra (=Hemizonia) conjugens</i>	Threatened
MANAGED BY Carlsbad Fish And Wildlife Office	
CRITICAL HABITAT There is <b>final</b> critical habitat designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q0YQ">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q0YQ</a>	
<b>Peirson's Milk-vetch</b> <i>Astragalus magdalenae</i> var. <i>peirsonii</i>	Threatened
MANAGED BY Carlsbad Fish And Wildlife Office	
CRITICAL HABITAT There is <b>final</b> critical habitat designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q2ND">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q2ND</a>	
<b>Salt Marsh Bird's-beak</b> <i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	Endangered
MANAGED BY Carlsbad Fish And Wildlife Office	
CRITICAL HABITAT <b>No critical habitat</b> has been designated for this species. <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q1US">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q1US</a>	



**San Diego Ambrosia** *Ambrosia pumila* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q01H](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q01H)

**San Diego Button-celery** *Eryngium aristulatum* var. *parishii* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q1W9](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q1W9)

**San Diego Thornmint** *Acanthomintha ilicifolia* Threatened

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q00E](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q00E)

**Sneed Pincushion Cactus** *Coryphantha sneedii* var. *sneedii* Endangered

MANAGED BY

Austin Ecological Services Field Office  
New Mexico Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q1UX](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q1UX)

**South Texas Ambrosia** *Ambrosia cheiranthifolia* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q1SS](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q1SS)

**Spreading Navarretia** *Navarretia fossalis* Threatened

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q2E7](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q2E7)

**Star Cactus** *Astrophytum asterias* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q07V](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q07V)

**Terlingua Creek Cat's-eye** *Cryptantha crassipes* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q27U](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q27U)

**Texas Ayenia** *Ayenia limitaris* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q2XW](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q2XW)

**Texas Snowbells** *Styrax texanus* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q224](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q224)

**Texas Wild-rice** *Zizania texana* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q24A](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q24A)

**Tobusch Fishhook Cactus** *Sclerocactus brevihamatus* ssp. *tobuschii* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q1SV](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q1SV)

**Walker's Manioc** *Manihot walkerae* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q1YS](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q1YS)

**Wright's Marsh Thistle** *Cirsium wrightii* Candidate

MANAGED BY

Arizona Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q3N3](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q3N3)

**Zapata Bladderpod** *Lesquerella thamnophila* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=Q13L](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=Q13L)

## Insects

**Comal Springs Dryopid Beetle** *Stygoparnus comalensis* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=I0MI](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=I0MI)

**Comal Springs Riffle Beetle** *Heterelmis comalensis* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=I0MH](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=I0MH)

**Quino Checkerspot Butterfly** *Euphydryas editha quino* (=E. e. wrighti) Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=I00P](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=I00P)

## Mammals

### **Gray Wolf** *Canis lupus*

Endangered

MANAGED BY

New Mexico Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=A00D](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=A00D)

### **Gulf Coast Jaguarundi** *Herpailurus (=Felis) yagouaroundi cacomitli*

Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=A05H](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=A05H)

### **Jaguar** *Panthera onca*

Endangered

MANAGED BY

Arizona Ecological Services Field Office

New Mexico Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=A040](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=A040)

### **Lesser Long-nosed Bat** *Leptonycteris curasoae yerbabuenae*

Endangered

MANAGED BY

Arizona Ecological Services Field Office

New Mexico Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=A0AD](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=A0AD)

### **Mexican Long-nosed Bat** *Leptonycteris nivalis*

Endangered

MANAGED BY

Austin Ecological Services Field Office

New Mexico Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=A0AE](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=A0AE)

**Ocelot** *Leopardus (=Felis) pardalis* Endangered

MANAGED BY

Arizona Ecological Services Field Office

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=A084](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=A084)

**Pacific Pocket Mouse** *Perognathus longimembris pacificus* Endangered

MANAGED BY

Carlsbad Fish And Wildlife Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=A0BY](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=A0BY)

**Sonoran Pronghorn** *Antilocapra americana sonoriensis* Endangered

MANAGED BY

Arizona Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=A009](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=A009)

**West Indian Manatee** *Trichechus manatus* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=A007](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=A007)

## Reptiles

### **Green Sea Turtle** *Chelonia mydas* Threatened

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=C00S](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=C00S)

### **Hawksbill Sea Turtle** *Eretmochelys imbricata* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=C00E](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=C00E)

### **Kemp's Ridley Sea Turtle** *Lepidochelys kempii* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=C00O](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=C00O)

### **Leatherback Sea Turtle** *Dermochelys coriacea* Endangered

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=C00F](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=C00F)

### **Loggerhead Sea Turtle** *Caretta caretta* Threatened

MANAGED BY

Texas Coastal Ecological Services Field Office

CRITICAL HABITAT

There are both **final** and **proposed** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=C00U](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=C00U)

### **Narrow-headed Gartersnake** *Thamnophis rufipunctatus* Threatened

MANAGED BY

New Mexico Ecological Services Field Office

CRITICAL HABITAT

There is **proposed** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=C051](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=C051)

**New Mexican Ridge-nosed Rattlesnake** *Crotalus willardi obscurus* Threatened

MANAGED BY

New Mexico Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=C01S](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=C01S)

**Northern Mexican Gartersnake** *Thamnophis eques megalops* Threatened

MANAGED BY

Arizona Ecological Services Field Office

New Mexico Ecological Services Field Office

CRITICAL HABITAT

There is **proposed** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=C04Q](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=C04Q)

**Sonoyta Mud Turtle** *Kinosternon sonoriense longifemorale* Candidate

MANAGED BY

Arizona Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=C067](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=C067)

## Snails

### **Huachuca Springsnail** *Pyrgulopsis thompsoni* Candidate

MANAGED BY

Arizona Ecological Services Field Office

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=G05C](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=G05C)

### **Phantom Springsnail** *Pyrgulopsis texana* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=G00X](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=G00X)

### **Phantom Tryonia** *Tryonia cheatumi* Endangered

MANAGED BY

Austin Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=G013](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=G013)

### **San Bernardino Springsnail** *Pyrgulopsis bernardina* Threatened

MANAGED BY

Arizona Ecological Services Field Office

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=G05E](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=G05E)

## Critical Habitats

This location overlaps all or part of the critical habitat for the following species:

### **Beautiful Shiner** *Cyprinella formosa*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=E04B#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=E04B#crithab)

### **Desert Pupfish** *Cyprinodon macularius*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=E044#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=E044#crithab)

### **Jaguar** *Panthera onca*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=A040#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=A040#crithab)



**Northern Mexican Gartersnake** *Thamnophis eques megalops*

Proposed critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=C04Q#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=C04Q#crithab)

**Peirson's Milk-vetch** *Astragalus magdalenae* var. *peirsonii*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q2ND#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q2ND#crithab)

**Piping Plover** *Charadrius melodus*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=B079#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B079#crithab)

**Riverside Fairy Shrimp** *Streptocephalus woottoni*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=K03F#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=K03F#crithab)

**San Diego Fairy Shrimp** *Branchinecta sandiegonensis*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=K049#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=K049#crithab)

**Western Snowy Plover** *Charadrius alexandrinus nivosus*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=B07C#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B07C#crithab)

**Yaqui Catfish** *Ictalurus pricei*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=E02H#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E02H#crithab)

**Yaqui Chub** *Gila purpurea*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=E034#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=E034#crithab)

**Yellow-billed Cuckoo** *Coccyzus americanus*

Proposed critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=B06R#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B06R#crithab)

**Zapata Bladderpod** *Lesquerella thamnophila*

Final designated critical habitat

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?spcode=Q13L#crithab](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=Q13L#crithab)

## Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the [Bald and Golden Eagle Protection Act](#).

Any activity that results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish & Wildlife Service.<sup>[1]</sup> There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

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1. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Additional information can be found using the following links:

- Birds of Conservation Concern  
<http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Conservation measures for birds  
<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Year-round bird occurrence data  
<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/akn-histogram-tools.php>

The following species of migratory birds could potentially be affected by activities in this location:

<b>Altamira Oriole</b> <i>Icterus gularis</i> Year-round	Bird of conservation concern
<b>American Oystercatcher</b> <i>Haematopus palliatus</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0G8">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0G8</a>	Bird of conservation concern
<b>Arizona Woodpecker</b> <i>Picoides arizonae</i> Year-round	Bird of conservation concern
<b>Audubon's Oriole</b> <i>Icterus graduacauda</i> Year-round	Bird of conservation concern
<b>Baird's Sparrow</b> <i>Ammodramus bairdii</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B09B">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B09B</a>	Bird of conservation concern

<b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B008">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B008</a>	Bird of conservation concern
<b>Bell's Sparrow</b> <i>Amphispiza belli</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HE">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HE</a>	Bird of conservation concern
<b>Bell's Vireo</b> <i>Vireo bellii</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0JX">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0JX</a>	Bird of conservation concern
<b>Bendire's Thrasher</b> <i>Toxostoma bendirei</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0IF">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0IF</a>	Bird of conservation concern
<b>Black Oystercatcher</b> <i>Haematopus bachmani</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0KJ">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0KJ</a>	Bird of conservation concern
<b>Black Skimmer</b> <i>Rynchops niger</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0EO">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0EO</a>	Bird of conservation concern
<b>Black-chinned Sparrow</b> <i>Spizella atrogularis</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0IR">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0IR</a>	Bird of conservation concern
<b>Black-throated Gray Warbler</b> <i>Dendroica nigrescens</i> Seasons: Breeding, Migrating	Bird of conservation concern
<b>Black-vented Shearwater</b> <i>Puffinus opisthomelas</i> Season: Wintering	Bird of conservation concern
<b>Blue-throated Hummingbird</b> <i>Lampornis clemenciae</i> Season: Breeding	Bird of conservation concern
<b>Botteri's Sparrow</b> <i>Aimophila botterii</i> Season: Breeding	Bird of conservation concern
<b>Brewer's Sparrow</b> <i>Spizella breweri</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HA">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HA</a>	Bird of conservation concern
<b>Buff-bellied Hummingbird</b> <i>Amazilia yucatanensis</i> Year-round	Bird of conservation concern
<b>Buff-breasted Flycatcher</b> <i>Empidonax fulvifrons</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0KQ">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0KQ</a>	Bird of conservation concern
<b>Burrowing Owl</b> <i>Athene cunicularia</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0NC">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0NC</a>	Bird of conservation concern

<b>Cactus Wren</b> <i>Campylorhynchus brunneicapillus</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FZ">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FZ</a>	Bird of conservation concern
<b>Canyon Towhee</b> <i>Pipilo fuscus</i> Year-round	Bird of conservation concern
<b>Cassin's Sparrow</b> <i>Aimophila cassinii</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0K2">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0K2</a>	Bird of conservation concern
<b>Chestnut-collared Longspur</b> <i>Calcarius ornatus</i> Season: Wintering	Bird of conservation concern
<b>Colima Warbler</b> <i>Vermivora crissalis</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B07U">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B07U</a>	Bird of conservation concern
<b>Common Black-hawk</b> <i>Buteogallus anthracinus</i> Season: Breeding	Bird of conservation concern
<b>Costa's Hummingbird</b> <i>Calypte costae</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JE">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JE</a>	Bird of conservation concern
<b>Curve-billed Thrasher</b> <i>Toxostoma curvirostre</i> Year-round	Bird of conservation concern
<b>Dickcissel</b> <i>Spiza americana</i> Season: Breeding	Bird of conservation concern
<b>Elegant Trogon</b> <i>Trogon elegans</i> Year-round	Bird of conservation concern
<b>Elf Owl</b> <i>Micrathene whitneyi</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0GV">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0GV</a>	Bird of conservation concern
<b>Five-striped Sparrow</b> <i>Aimophila quinquestrata</i> Season: Breeding	Bird of conservation concern
<b>Flammulated Owl</b> <i>Otus flammeolus</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DK">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DK</a>	Bird of conservation concern
<b>Fox Sparrow</b> <i>Passerella iliaca</i> Year-round	Bird of conservation concern
<b>Gila Woodpecker</b> <i>Melanerpes uropygialis</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EH">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EH</a>	Bird of conservation concern
<b>Gilded Flicker</b> <i>Colaptes chrysoides</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EG">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EG</a>	Bird of conservation concern

<b>Golden Eagle</b> <i>Aquila chrysaetos</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0DV">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0DV</a>	Bird of conservation concern
<b>Grace's Warbler</b> <i>Dendroica graciae</i> Season: Breeding	Bird of conservation concern
<b>Grasshopper Sparrow</b> <i>Ammodramus savannarum</i> <i>ammolegus</i> Year-round	Bird of conservation concern
<b>Gray Vireo</b> <i>Vireo vicinior</i> Seasons: Breeding, Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0G5">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0G5</a>	Bird of conservation concern
<b>Green Parakeet</b> <i>Aratinga holochlora</i> Year-round	Bird of conservation concern
<b>Green-tailed Towhee</b> <i>Pipilo chlorurus</i> Seasons: Wintering, Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0IO">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0IO</a>	Bird of conservation concern
<b>Gull-billed Tern</b> <i>Gelochelidon nilotica</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0JV">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0JV</a>	Bird of conservation concern
<b>Harris's Hawk</b> <i>parabuteo unicinctus</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0ED">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0ED</a>	Bird of conservation concern
<b>Harris's Sparrow</b> <i>Zonotrichia querula</i> Season: Wintering	Bird of conservation concern
<b>Hooded Oriole</b> <i>Icterus cucullatus</i> Season: Breeding	Bird of conservation concern
<b>Hudsonian Godwit</b> <i>Limosa haemastica</i> Season: Migrating	Bird of conservation concern
<b>Lark Bunting</b> <i>Calamospiza melanocorys</i> Season: Wintering	Bird of conservation concern
<b>Lawrence's Goldfinch</b> <i>Carduelis lawrencei</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0J8">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0J8</a>	Bird of conservation concern
<b>Le Conte's Thrasher</b> <i>toxostoma lecontei</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0GE">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0GE</a>	Bird of conservation concern
<b>Least Bittern</b> <i>Ixobrychus exilis</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B092">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B092</a>	

<b>Least Tern</b> <i>Sterna antillarum</i> Season: Breeding	Bird of conservation concern
<b>Lesser Yellowlegs</b> <i>Tringa flavipes</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0MD">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0MD</a>	Bird of conservation concern
<b>Lewis's Woodpecker</b> <i>Melanerpes lewis</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HQ">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HQ</a>	Bird of conservation concern
<b>Loggerhead Shrike</b> <i>Lanius ludovicianus</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FY">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FY</a>	Bird of conservation concern
<b>Long-billed Curlew</b> <i>Numenius americanus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B06S">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B06S</a>	Bird of conservation concern
<b>Lucifer Hummingbird</b> <i>Calothorax lucifer</i> Season: Breeding	Bird of conservation concern
<b>Lucy's Warbler</b> <i>Vermivora luciae</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DL">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DL</a>	Bird of conservation concern
<b>Magnificent Frigatebird</b> <i>Fregata magnificens</i> Season: Wintering	Bird of conservation concern
<b>Marbled Godwit</b> <i>Limosa fedoa</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JL">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JL</a>	Bird of conservation concern
<b>Mccown's Longspur</b> <i>Calcarius mccownii</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HB">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HB</a>	Bird of conservation concern
<b>Mountain Plover</b> <i>Charadrius montanus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B078">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B078</a>	Bird of conservation concern
<b>Northern Beardless-tyrannulet</b> <i>Camptostoma imberbe</i> Year-round	Bird of conservation concern
<b>Nuttall's Woodpecker</b> <i>Picoides nuttallii</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HT">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HT</a>	Bird of conservation concern
<b>Oak Titmouse</b> <i>Baeolophus inornatus</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0MJ">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0MJ</a>	Bird of conservation concern

<b>Olive Warbler</b> <i>Peucedramus taeniatus</i> Year-round	Bird of conservation concern
<b>Olive-sided Flycatcher</b> <i>Contopus cooperi</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0AN">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0AN</a>	Bird of conservation concern
<b>Painted Bunting</b> <i>Passerina ciris</i> Season: Breeding	Bird of conservation concern
<b>Peregrine Falcon</b> <i>Falco peregrinus</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FU">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FU</a>	Bird of conservation concern
<b>Pink-footed Shearwater</b> <i>Puffinus creatopus</i> Year-round	Bird of conservation concern
<b>Prairie Falcon</b> <i>Falco mexicanus</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0ER">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0ER</a>	Bird of conservation concern
<b>Red Knot</b> <i>Calidris canutus rufa</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DM">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DM</a>	Bird of conservation concern
<b>Red-billed Pigeon</b> <i>Patagioenas flavirostris</i> Year-round	Bird of conservation concern
<b>Red-crowned Parrot</b> <i>Amazona viridigenalis</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0GO">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0GO</a>	Bird of conservation concern
<b>Red-faced Warbler</b> <i>Cardellina rubrifrons</i> Season: Breeding	Bird of conservation concern
<b>Reddish Egret</b> <i>Egretta rufescens</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B06U">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B06U</a>	Bird of conservation concern
<b>Rose-throated Becard</b> <i>Pachyramphus aglaiae</i> Seasons: Breeding, Wintering	Bird of conservation concern
<b>Rufous-crowned Sparrow</b> <i>Aimophila ruficeps</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0MX">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0MX</a>	Bird of conservation concern
<b>Sage Thrasher</b> <i>Oreoscoptes montanus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0ID">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0ID</a>	Bird of conservation concern
<b>Sandwich Tern</b> <i>Thalasseus sandvicensis</i> Year-round	Bird of conservation concern
<b>Scripp's Murrelet</b> <i>Synthliboramphus hypoleucus scrippsi</i> Year-round	Bird of conservation concern

<b>Seaside Sparrow</b> <i>Ammodramus maritimus</i> Year-round	Bird of conservation concern
<b>Sedge Wren</b> <i>Cistothorus platensis</i> Season: Wintering	Bird of conservation concern
<b>Short-billed Dowitcher</b> <i>Limnodromus griseus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JK">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JK</a>	Bird of conservation concern
<b>Short-eared Owl</b> <i>Asio flammeus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HD">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HD</a>	Bird of conservation concern
<b>Snowy Plover</b> <i>Charadrius alexandrinus</i> Season: Breeding	Bird of conservation concern
<b>Solitary Sandpiper</b> <i>Tringa solitaria</i> Season: Wintering	Bird of conservation concern
<b>Sonoran Yellow Warbler</b> <i>Dendroica petechia</i> ssp. <i>sonorana</i> Seasons: Breeding, Migrating, Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F7">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F7</a>	Bird of conservation concern
<b>Sprague's Pipit</b> <i>Anthus spragueii</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0GD">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0GD</a>	Bird of conservation concern
<b>Summer Tanager</b> <i>piranga rubra</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0E7">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0E7</a>	Bird of conservation concern
<b>Swainson's Warbler</b> <i>Limnothlypis swainsonii</i> Season: Migrating	Bird of conservation concern
<b>Swainson's Hawk</b> <i>Buteo swainsoni</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B070">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B070</a>	Bird of conservation concern
<b>Tricolored Blackbird</b> <i>Agelaius tricolor</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B06P">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B06P</a>	Bird of conservation concern
<b>Tropical Parula</b> <i>Parula pitiayumi</i> Season: Breeding	Bird of conservation concern
<b>Varied Bunting</b> <i>Passerina versicolor</i> Season: Breeding	Bird of conservation concern
<b>Verdin</b> <i>Auriparus flaviceps</i> Year-round	Bird of conservation concern
<b>Virginia's Warbler</b> <i>Vermivora virginiae</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B01L">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B01L</a>	Bird of conservation concern



<b>Western Grebe</b> <i>aechmophorus occidentalis</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EA">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EA</a>	Bird of conservation concern
<b>Whimbrel</b> <i>Numenius phaeopus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JN">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0JN</a>	Bird of conservation concern
<b>White-collared Seedeater</b> <i>Sporophila torqueola</i> Year-round	Bird of conservation concern
<b>White-tailed Hawk</b> <i>Buteo albicaudatus</i> Year-round	Bird of conservation concern
<b>Williamson's Sapsucker</b> <i>Sphyrapicus thyroideus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FX">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FX</a>	Bird of conservation concern
<b>Wilson's Plover</b> <i>Charadrius wilsonia</i> Season: Breeding	Bird of conservation concern
<b>Worm Eating Warbler</b> <i>Helmitheros vermivorum</i> Season: Migrating	Bird of conservation concern
<b>Xantus'smurrelet</b> <i>Synthliboramphus hypoleucus</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B098">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B098</a>	
<b>Yellow Warbler</b> <i>dendroica petechia ssp. brewsteri</i> Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EN">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EN</a>	Bird of conservation concern
<b>Phainopepla</b> <i>phainopepla nitens</i> Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0E6">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0E6</a>	Bird of conservation concern
<b>Red Knot</b> <i>Calidris canutus ssp. roselaari</i> Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0G6">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0G6</a>	Bird of conservation concern

## Wildlife refuges and fish hatcheries

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

This location overlaps all or part of the following National Wildlife Refuges:

### **Cabeza Prieta National Wildlife Refuge**

1,711,044.23 acres

PHONE (520) 387-6483

ADDRESS

1611 North Second Avenue  
Ajo, AZ 85321

<http://www.fws.gov/refuges/profiles/index.cfm?id=22571>

### **Lower Rio Grande Valley National Wildlife Refuge**

145,023.69 acres

PHONE (956) 784-7500

ADDRESS

7 Miles South Of Alamo, Tx On Fm907 And 1/4 Mile East On Highway 281  
Alamo, TX 78516

<http://www.fws.gov/refuges/profiles/index.cfm?id=21552>

### **San Bernardino National Wildlife Refuge**

4,735.8 acres

PHONE (520) 364-2104

ADDRESS

7628 North Highway 191  
Douglas, AZ 85607

<http://www.fws.gov/refuges/profiles/index.cfm?id=22523>

### **Santa Ana National Wildlife Refuge**

4,217.83 acres

PHONE (956) 784-7500

ADDRESS

7 Miles South Of Alamo, Tx On Fm907 And 1/4 Mile East On Highway 281  
Alamo, TX 78516

<http://www.fws.gov/refuges/profiles/index.cfm?id=21551>

# Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.