

USFW

Data entry is required in cells of this color

Data entry in cells of this color should be completed if the information is available

Age code	Age
"A" or "a"	Adult
"J" or "j"	Juvenile
"U" or "u"	Unknown

Gender code	Gender
"M" or "m"	Male
"F" or "f"	Female
"U" or "u"	Unknown

Male reproductive status options			
Code	Status		
"N" or "n"	Non-reproductive		
"TD" or "td"	Testes-descended		
"U" or "u"	Unknown		

Female reproductive status options			
Code	Status		
"N" or "n"	Non-reproductive		
"L" or "l"	Lactating		
"P" or "p"	Pregnant		
"PL" or "pl"	Post-lactating		
"U" or "u"	Unknown		

'S Geographic Area

Species Codes	Species
ANPA	Antrozous pallidus
CHME	Choeronycteris mexicana
COTO	Corynorhinus townsendii
EPFU	Eptensicus fuscus
EUMA	Euderma maculatum
EUPE	Eumops perotis
LANO	Lasionycteris noctivagans
LABL	Lasiurus blossevillii
LABO	Lasiurus borealis
LACI	Lasiurus cinereus
LAXA	Lasiurus xanthinus
MACA	Macrotus californicus
MOME	Mormoops megalophylla
MYCA	Myotis californicus
MYEV	Myotis evotis
MYLU	Myotis lucifugus
MYME	Myotis melanorhinus
MYOC	Myotis occultus
MYTH	Myotis thysanodes
MYVO	Myotis volans
MYYU	Myotis yumanensis
NYFE	Nyctinomops femorosaccus
NYMA	Nyctinomops macrotis
PAHE	Parastrellus hesperus
TABR	Tadarida brasiliensis
UNKN	Unknown
UNMY	Unknown Myotis
UNLA	Unknown Lasiurine
NOBATS	No bats

: Western 2020

Common name
Pallid bat
Mexican long-tongued bat
Townsend's big-eared bat
Big brown bat
Spotted bat
Greater bonneted bat
Silver-haired bat
Western red bat
Eastern red bat
Hoary bat
Western yellow bat
California leaf-nosed bat
Peters's ghost-faced bat
California myotis
Long-eared bat
Little brown bat
Dark-nosed small-footed myotis
Arizona myotis
Fringed myotis
Long-legged myotis
Yuma myotis
Pocketed free-tailed bat
Big free-tailed bat
Canyon bat
Mexican free-tailed bat
Unknown
Unknown Myotis
Unknown Lasiurine
No bats captured

FWS Form 3-2534 (Rev. 10/2020) OMB Control No. 1018-0094 Expires ##/##/20##

Expires ##/##/20##



LAT (decimal degree)	LONG (decimal degree)	Positional accuracy	Month	Day	Year	Start Time (military)

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End Time (military)	Project Name	Site Name	State	County

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Type of Survey	Number of Net sets/Trap Nights for this Date at this Site (level of nightly survey effort)	Total net area (square meters)

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Habitat Type or Feature being Surveyed	Permittee Name	Federal Permit Number

Email address for Individual who Monitored this site.	Comments

Capture time							
Capture time (military time)	Abb	revia	ted d	ata entry	Drop-down dat		
	Species code	Age		Reproductive status	Scientific name	Age	

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Demographic Information

t <mark>a entry</mark>		Right forearm	Ear	Tragus	Weight	Height in	Units
Sex	Reproductive status	measurement (mm)	length (mm)	Tragus length (mm)	(g)	net	(m or ft)

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				Bands/M	larker
Sample taken	Reichard Wing score	New band or recapture (leave blank if not banded)	Bands/Markers (type/color)	Band ID (prefix and number)	Band Arm

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Site ID (use drop-down menu)

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Site ID check DO NOT ENTER DATA. This cell should auto-populate with the project name.If it doesn't your value for Site ID is invalid.

Roost ID	LAT (decimal degree)	LONG (decimal degree)	Location accuracy

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Project name (use drop-down menu)	Ownership	State	County	Roost Type

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Day Roost vs. Night Roost	Tree Species (full scientific name)	DBH	Units	Decay State (1-9)	Tree Height

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MicroHabitat	Comments

Bat species	Bat ID (if applicable)

Used by this bat the night of this count? (if applicable)	Roost ID (use drop-down menu)	Total Emergence Count

Date	Comment	Bat ID check should auto-populate	Roost ID check should auto-populate
		with "Good" if the Bat	
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LAT (decimal degree)	LONG (decimal degree)	Positional Accuracy	Month	Day	Year	Start Time (military)

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End Time (military)	Project Name	Site	State	County	Survey Type

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Detector Brand	Detector Model	Microphone Brand & Model

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Directional, Omnidirectional, or Hemispherical Microphone	Weatherproofing type	Microphone Height (m)	Horizontal Orientation of Directional Microphone (1-360 degrees)

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Vertical Orientation of Directional Microphone (approx. degrees)	Sensitivity Setting	Audio Division (if applicable)

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Data Division (if applicable)	Were calls collected in Full Spectrum or Zero Crossing?	Habitat Type or Feature being Surveyed	Name of Person who Selected Acoustic Site

Name of Person who Deployed Detector	Email Address of Primary Surveyor	Comments

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If calls were converted from Full Spectrum to Zero Cross, what program was used?	Maximum Likelihood Estimation (MLE) <i>P</i> -value	Number of Calls Confirmed through Qualitative ID (if conducted)

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Name of Individual who Conducted Qualitative ID (if conducted)	Site ID (use drop-down menu)

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Site check DO NOT ENTER DATA This cell should auto-populate with the project name. If it doesn't your value for SITE ID is invalid.

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