



## DEPARTMENT OF THE INTERIOR

### Fish and Wildlife Service

[FWS–R8–ES–2021–N171; FXES1113080000–201–FF08E00000]

### Endangered and Threatened Species; Receipt of Recovery Permit Applications

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of receipt of permit applications; request for comments.

**SUMMARY:** We, the U.S. Fish and Wildlife Service, have received applications for permits to conduct activities intended to enhance the propagation or survival of endangered or threatened species under the Endangered Species Act. We invite the public and local, State, Tribal, and Federal agencies to comment on these applications. Before issuing any of the requested permits, we will take into consideration any information that we receive during the public comment period.

**DATES:** We must receive your written comments on or before [INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE *FEDERAL REGISTER*].

**ADDRESSES:** *Document availability and comment submission:* Submit requests for copies of the applications and related documents and submit any comments by one of the following methods. All requests and comments should specify the applicant name(s) and application number(s) (e.g., **TEXXXXXX**).

- *Email:* [permitsr8es@fws.gov](mailto:permitsr8es@fws.gov).
- *U.S. Mail:* Susie Tharratt, Regional Recovery Permit Coordinator, U.S. Fish and Wildlife Service, 2800 Cottage Way, Room W–2606, Sacramento, CA 95825.

**FOR FURTHER INFORMATION CONTACT:** Susie Tharratt, via phone at 760–414–6561, via email at [permitsr8es@fws.gov](mailto:permitsr8es@fws.gov), or via the Federal Relay Service at 1–800–877–8339 for TTY assistance.

**SUPPLEMENTARY INFORMATION:** We, the U.S. Fish and Wildlife Service, invite the public to comment on applications for permits under section 10(a)(1)(A) of the Endangered Species Act, as amended (ESA; 16 U.S.C. 1531 *et seq.*). The requested permits would allow the applicants to conduct activities intended to promote recovery of species that are listed as endangered or threatened under the ESA.

### **Background**

With some exceptions, the ESA prohibits activities that constitute take of wildlife species listed as endangered and, by regulation, certain wildlife species listed as threatened unless a Federal permit is issued that allows such activity. The ESA's definition of "take" includes such activities as pursuing, harassing, trapping, capturing, or collecting, in addition to hunting, shooting, harming, wounding, or killing.

A recovery permit issued by us under section 10(a)(1)(A) of the ESA authorizes the permittee to conduct activities with endangered or threatened species for scientific purposes that promote recovery or for enhancement of propagation or survival of the species. These activities often include such prohibited actions as capture and collection. Our regulations implementing section 10(a)(1)(A) for these permits are found in the Code of Federal Regulations at 50 CFR 17.22 for endangered wildlife species, 50 CFR 17.32 for threatened wildlife species, 50 CFR 17.62 for endangered plant species, and 50 CFR 17.72 for threatened plant species.

### **Permit Applications Available for Review and Comment**

Proposed activities in the following permit requests are for the recovery and enhancement of propagation or survival of the species in the wild. The ESA requires that we invite public comment before issuing these permits. Accordingly, we invite local, State, Tribal, Federal agencies and the public to submit written data, views, or arguments with respect to these applications. The comments and recommendations that will be most useful and likely to influence agency decisions are those supported by quantitative

information or studies.

<b>Application Number</b>	<b>Applicant, City, State</b>	<b>Species</b>	<b>Location</b>	<b>Take activity</b>	<b>Permit Action</b>
ES-63371B	Rheanna Neidinger, Apple Valley, California	<ul style="list-style-type: none"> <li>• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> </ul>	CA	Play taped vocalizations, capture, collect genetic samples, handle, band, and release	Amend
ES-134338	Brenna Ogg, San Diego, California	<ul style="list-style-type: none"> <li>• Quino checkerspot butterfly (<i>Euphydryas editha quino</i>)</li> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>	CA	Pursue, capture, handle, collect vouchers, and release	Renew
ES-834492	Julie Thomas, Morro Bay, California	<ul style="list-style-type: none"> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> </ul>	CA	Capture, handle, collect vouchers, and release	Renew

		<ul style="list-style-type: none"> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>			
ES-60153B	Mary Belk, New Braunfels, Texas	<ul style="list-style-type: none"> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>	CA	Capture, handle, collect vouchers, release, and conduct formal training workshops	Renew
ES-067347	Crysta Dickson, San Clemente, California	<ul style="list-style-type: none"> <li>• Quino checkerspot butterfly (<i>Euphydryas editha quino</i>)</li> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>	CA	Pursue, capture, handle, collect vouchers, and release	Renew

ES-58760A	Jason Yakich, Forest Knolls, California	<ul style="list-style-type: none"> <li>• California clapper rail (<i>Rallus longirostris obsoletus</i>)</li> <li>• California tiger salamander (Santa Barbara County and Sonoma County distinct population segments (DPSs)) (<i>Ambystoma californiense</i>)</li> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>	CA	Play taped vocalization, capture, handle, collect vouchers, and release	Renew
ES-170389	Travis Cooper, San Diego, California	<ul style="list-style-type: none"> <li>• Quino checkerspot butterfly (<i>Euphydryas editha quino</i>)</li> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> </ul>	CA	Pursue, play taped vocalization, capture, handle, collect vouchers, and release	Renew

		<ul style="list-style-type: none"> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> <li>• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> <li>• Least Bell's vireo (<i>Vireo bellii pusillus</i>)</li> </ul>			
PER0008376	Mark Noyes, Lincoln, California	<ul style="list-style-type: none"> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> <li>• California least tern (<i>Sterna antillarum browni</i>)</li> <li>• California tiger salamander (Santa Barbara County and Sonoma County distinct population segments (DPSs)) (<i>Ambystoma californiense</i>)</li> </ul>	CA	Capture, handle, collect vouchers, and release	New

ES-148552	Holly Burger, Berkeley, California	<ul style="list-style-type: none"> <li>• San Francisco garter snake (<i>Thamnophis sirtalis tetrataenia</i>)</li> </ul>	CA	Capture, handle, and release	Renew
ES-835549	Charles Black, San Diego, California	<ul style="list-style-type: none"> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> <li>• San Diego button-celery (<i>Eryngium aristulatum</i> var. <i>parishii</i>)</li> <li>• San Diego mesa-mint (<i>Pogogyne abramsii</i>)</li> <li>• California Orcutt grass (<i>Orcuttia californica</i>)</li> <li>• Willowy monardella (<i>Monardella viminea</i>)</li> </ul>	CA	Capture, handle, collect vouchers, collect soil samples for resting egg identification, hydrate eggs for hatching and identification, release, and (for plants) remove and reduce to possession from lands under federal jurisdiction.	Renew
ES-135948	Natalie Brodie, San Diego, California	<ul style="list-style-type: none"> <li>• Quino checkerspot butterfly (<i>Euphydryas editha quino</i>)</li> </ul>	CA	Pursue	Renew
ES-172638	Kevin Livergood, Anaheim, California	<ul style="list-style-type: none"> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta</i></li> </ul>	CA	Capture, handle, collect vouchers, and release	Renew



		<ul style="list-style-type: none"> <li><i>longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>			
PER0009927	Martina Pernicano, Golden, Colorado	<ul style="list-style-type: none"> <li>• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> </ul>	AZ, CA, CO, NE, NM, OR, UT, WA	Play taped vocalization	Renew
ES-787924	Markus Spiegelberg, San Diego, California	<ul style="list-style-type: none"> <li>• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> <li>• Pacific pocket mouse (<i>Perognathus longimembris pacificus</i>)</li> <li>• San Bernardino Merriam's kangaroo rat (<i>Dipodomys merriami parvus</i>)</li> </ul>	CA	Play taped vocalization, capture, handle, and release	Renew and Amend
ES-50992B	Antonette Gutierrez, Imperial Beach, California	<ul style="list-style-type: none"> <li>• Least Bell's vireo (<i>Vireo bellii pusillus</i>)</li> </ul>	CA	Monitor nests, and remove brown-headed cowbird ( <i>Molothrus ater</i> ) eggs and chicks from parasitized nests	Amend
PER0010680	David Moskovitz, Diamond Bar, California	<ul style="list-style-type: none"> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta</i></li> </ul>	CA	Capture, handle, collect vouchers, and release	Renew

		<ul style="list-style-type: none"> <li><i>longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>			
ES-64580A	Nicholas Rice, Las Vegas, Nevada	<ul style="list-style-type: none"> <li>• Yuma Ridgway's (clapper) rail (<i>Rallus obsoletus</i> [=longirostris] yumanensis)</li> <li>• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> </ul>	CA	Play taped vocalizations	Renew and Amend
PER0010753	Brenda Bennett, San Diego, California	<ul style="list-style-type: none"> <li>• Quino checkerspot butterfly (<i>Euphydryas editha quino</i>)</li> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>	CA	Pursue, capture, handle, collect vouchers, and release	New
PER0010754	Rebecca Green, Shaver Lake, California	<ul style="list-style-type: none"> <li>• Fisher (Southern Sierra Nevada distinct</li> </ul>	CA	Capture, handle, attach radio collars,	New

		population segment) ( <i>Pekania pennanti</i> )		use remote cameras, collect hair via hair snares, use track plates, and release	
PER0010755	Christian Knowlton, San Jose, California	<ul style="list-style-type: none"> <li>California tiger salamander (Santa Barbara County and Sonoma County distinct population segments (DPSs)) (<i>Ambystoma californiense</i>)</li> </ul>	CA	Capture, handle, and release	New
PER0010773	Alicia Arcidiacono, Paicines, California	<ul style="list-style-type: none"> <li>Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> </ul>	CA	Play taped vocalization and monitor nests	New
PER0010786	Erika Eidson, La Mesa, California	<ul style="list-style-type: none"> <li>Quino checkerspot butterfly (<i>Euphydryas editha quino</i>)</li> <li>Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> </ul>	CA	Pursue and play taped vocalizations	Renew and amend
ES-768251	Biosearch Associates, Santa Cruz, California	<ul style="list-style-type: none"> <li>California tiger salamander (Santa Barbara County and Sonoma County distinct population segments (DPSs)) (<i>Ambystoma californiense</i>)</li> <li>Fresno kangaroo rat (<i>Dipodomys nitratoides exilis</i>)</li> <li>Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>)</li> <li>San Francisco garter snake (<i>Thamnophis sirtalis tetrataenia</i>)</li> </ul>	CA	Capture, handle, collect voucher or tissue, mark, and release	Renew

		<ul style="list-style-type: none"> <li>• Santa Cruz long-toed salamander (<i>Ambystoma macrodactylum croceum</i>)</li> </ul>			
PER0011851	Helix Environmental Planning, Inc., La Mesa, California	<ul style="list-style-type: none"> <li>• California tiger salamander (Santa Barbara County and Sonoma County distinct population segments (DPSs)) (<i>Ambystoma californiense</i>)</li> <li>• Quino checkerspot butterfly (<i>Euphydryas editha quino</i>)</li> <li>• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>	CA	Pursue, capture, handle, collect vouchers, collect soil samples, identify eggs within soil samples, and release	Renew
ES-67397A	Timothy Ricks, Las Vegas, Nevada	<ul style="list-style-type: none"> <li>• Yuma Ridgway's (clapper) rail (<i>Rallus obsoletus [=longirostris] yumanensis</i>)</li> </ul>	NV	Play taped vocalizations	Renew and Amend

		<ul style="list-style-type: none"> <li>• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> </ul>			
PER0011946	Tara Cornelisse, Santa Rosa, California	<ul style="list-style-type: none"> <li>• Ohlone tiger beetle (<i>Cicindela ohlone</i>)</li> </ul>	CA	Capture, handle, release, and conduct habitat enhancement activities	New
PER0011950	Brian Nissen, San Ramon, California	<ul style="list-style-type: none"> <li>• California tiger salamander (Santa Barbara County and Sonoma County distinct population segments (DPSs)) (<i>Ambystoma californiense</i>)</li> </ul>	CA	Capture, handle, and release	New
PER0011954	Daniel Schrimsher, Salinas, California	<ul style="list-style-type: none"> <li>• Sierra Nevada yellow-legged Frog (<i>Rana sierrae</i>)</li> </ul>	CA	Capture, handle, and release	New
PER0011958	Quad Knopf, Inc., Clovis, California	<ul style="list-style-type: none"> <li>• Buena Vista Lake ornate shrew (<i>Sorex ornatus relictus</i>)</li> <li>• Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>)</li> <li>• Fresno kangaroo rat (<i>Dipodomys nitratoides exilis</i>)</li> <li>• Giant kangaroo rat (<i>Dipodomys ingens</i>)</li> <li>• California tiger salamander (Santa Barbara County and Sonoma County distinct population segments (DPSs)) (<i>Ambystoma californiense</i>)</li> </ul>	CA	Capture, handle, collect vouchers, mark, and release	Renew

		<ul style="list-style-type: none"> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>			
PER0011963	Ian Hirschler, San Diego, California	<ul style="list-style-type: none"> <li>• Quino checkerspot butterfly (<i>Euphydryas editha quino</i>)</li> <li>• Conservancy fairy shrimp (<i>Branchinecta conservatio</i>)</li> <li>• Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>)</li> <li>• San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)</li> <li>• Riverside fairy shrimp (<i>Streptocephalus woottoni</i>)</li> <li>• Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>)</li> </ul>	CA	Pursue, capture, handle, collect vouchers, and release	Renew
ES-67253D	City of Eureka (Sequoia Park Zoo), Eureka California	<ul style="list-style-type: none"> <li>• California condor (<i>Gymnogyps californianus</i>)</li> </ul>	AZ, CA, ID, NM, NV, UT	Transport wild or captive-bred individuals from release sites and	Amend

				other permitted breeding projects, conduct health checks, treat injured or sick individuals, hold in release pens, and release	
PER0012535	Laura Gorman, Encinitas, California	<ul style="list-style-type: none"> <li>• Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)</li> </ul>	CA, NV	Play taped vocalizations	Renew
PER0012877	Jared Elia, Concord, California	<ul style="list-style-type: none"> <li>• California tiger salamander (Santa Barbara County and Sonoma County distinct population segments (DPSs)) (<i>Ambystoma californiense</i>)</li> </ul>	CA	Capture, handle, and release	Amend
ES-044846	U.S. Geological Survey and National Park Service, Ventura, California	<ul style="list-style-type: none"> <li>• <i>Arabis hoffmannii</i> (<i>Boechea hoffmannii</i>) (Hoffmann's rock-cress)</li> <li>• <i>Arctostaphylos confertiflora</i> (Santa Rosa Island manzanita)</li> <li>• <i>Berberis pinnata</i> subsp. <i>insularis</i> (island barberry)</li> <li>• <i>Castilleja mollis</i> (soft-leaved paintbrush)</li> <li>• <i>Dudleya traskiae</i> (Santa Barbara Island liveforever)</li> <li>• <i>Galium buxifolium</i> (island bedstraw)</li> <li>• <i>Gilia</i></li> </ul>	CA	Remove and reduce to possession; collect vouchers, fruit, seed, and vegetative material for banking, propagation, and genetic research	Renew

		<p><i>tenuiflora</i> subsp. <i>hoffmannii</i> (Hoffmann's slender-flowered gilia)</p> <ul style="list-style-type: none"><li>• <i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i> (Santa Cruz Island bush-mallow)</li><li>• <i>Malacothrix indecora</i> (Santa Cruz Island malacothrix)</li><li>• <i>Malacothrix squalida</i> (Island malacothrix)</li><li>• <i>Phacelia insularis</i> subsp. <i>insularis</i> (island phacelia)</li><li>• <i>Thysanocarpus conchuliferus</i> (Santa Cruz Island fringe-pod)</li></ul>			
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## **Public Availability of Comments**

Written comments we receive become part of the record associated with this action. Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly available at any time. While you can request in your comment that we withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so. All submissions from organizations or businesses, and from individuals identifying themselves as representatives or officials of organizations or businesses, will be made available for public disclosure in their entirety.

## **Next Steps**

If we decide to issue permits to any of the applicants listed in this notice, we will publish a notice in the *Federal Register*.

## **Authority**

We publish this notice under section 10(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

## **Peter Erickson,**

*Acting Regional Ecological Services Program Leader,*

*California-Great Basin Region 10 (formerly Pacific Southwest Regional Office-Region 8).*

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