



DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

[FWS-R8-ES-2024-N022; FXES11130800000-245-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., XXXXXX or PER0001234).

- *Email:* 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 916-414-6561, or via email at permitsR8ES@fws.gov. Individuals in the United States who are deaf, deafblind, hard of hearing, or have a speech disability may dial 711 (TTY, TDD, or TeleBraille) to access telecommunications relay services. Individuals outside the United

States should use the relay services offered within their country to make international calls to the point-of-contact in the United States.

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 listed species 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 species in the wild. The ESA requires that we invite public comment before issuing these permits. Accordingly, we invite local, State, Tribal, and 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.

Application Number	Applicant, City, State	Species	Location	Take activity	Permit Action
101743	Daniel Edelstein, Novato, California	<ul style="list-style-type: none"> California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County and Sonoma County distinct population segments California Ridgway's rail (<i>Rallus obsoletus obsoletus</i>) 	CA	Survey using recorded vocalizations, survey, capture, handle, and release	Renew.
29522A	Kenneth Gilliland, Ventura, California	<ul style="list-style-type: none"> California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County distinct population segment Tidewater goby (<i>Eucyclogobius newberryi</i>) 	CA	Survey, capture, handle, swab, and release	Amend.
PER0011950	Brian Nissen, Folsom, California	<ul style="list-style-type: none"> California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County and Sonoma distinct population segments 	CA	Survey, capture, handle, swab, and release	Amend.
103076	Transcon Environmental, Inc., Mesa, Arizona	<ul style="list-style-type: none"> California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County and Sonoma distinct population segments 	CA	Survey, capture, handle, swab, and release	Renew.
98090C	FISHBIO, Oakdale, California	<ul style="list-style-type: none"> Tidewater goby (<i>Eucyclogobius newberryi</i>) 	CA	Survey, capture, handle, and release	Renew.
31350D	Timothy Salamunovich, Arcata, California	<ul style="list-style-type: none"> Tidewater goby (<i>Eucyclogobius newberryi</i>) 	CA	Survey, capture, handle, release, and collect voucher specimens	Renew.
806679	Spring Rivers Ecological Sciences, Cassel, California	<ul style="list-style-type: none"> Shasta crayfish (<i>Pacifastacus fortis</i>) 	CA	Capture, weigh, mark, sacrifice, collect tissue, release, and translocate/release to restored habitat	Renew.

02478D	Jennifer Jackson, Imperial Beach, California	<ul style="list-style-type: none"> • California least tern (<i>Sternula antillarum browni</i>) 	CA	Survey, locate and monitor nests, handle/mark eggs, capture, handle, band, and release chicks	Renew.
93824C	Jill Coumoutso, Fontana, California	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) 	CA	Survey using recorded vocalizations	Renew.
PER9084448	Oregon Cooperative Fish and Wildlife Research Unit, Corvallis, Oregon	<ul style="list-style-type: none"> • Independence Valley speckled dace (<i>Rhinichthys osculus lethoporus</i>) 	NV	Survey, capture, handle, mark, and release	New.
67253D	Sequoia Park Zoo, Eureka, California	<ul style="list-style-type: none"> • Behren's silverspot butterfly (<i>Speyeria zerene behrensii</i>) 	CA	Euthanize sick individuals and mark	Amend.
85448A	Conservation Society of California, Oakland, California	<ul style="list-style-type: none"> • California condor (<i>Gymnogyps californianus</i>) 	CA	Receive, hold in captivity, handle, provide veterinarian treatment and care, transport, and transfer	Renew.
PER0003725	Melanie Madden, San Diego, California	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) • Least Bell's vireo (<i>Vireo bellii pusillus</i>) 	CA, NV	Survey using recorded vocalizations, locate and monitor nests, capture, handle, measure, weigh, band, color-band, release, collect body feathers and blood, and remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and chicks from parasitized nests	Renew.

095868	David Kisner, Orcutt, California	<ul style="list-style-type: none"> • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) • Least Bell's vireo (<i>Vireo bellii pusillus</i>) 	CA	Survey using recorded vocalizations, locate and monitor nests, and remove brown-headed cowbird (<i>Molothrus ater</i>) eggs and chicks from parasitized nests, capture, handle, band and color-band adults, and release	Renew.
157216	USGS - Western Ecological Research Center, Dixon, California	<ul style="list-style-type: none"> • Sierra Nevada yellow-legged frog (<i>Rana sierrae</i>) • Mountain yellow-legged frog (<i>Rana muscosa</i>) Northern California distinct population segment • Yosemite toad (<i>Anaxyrus canorus</i>) • Foothill yellow-legged frog (<i>Rana boylei</i>) South Sierra and South Coast distinct population segments • San Francisco gartersnake (<i>Thamnophis sirtalis tetrataenia</i>) 	CA	Survey, capture, handle, measure, swab, collect genetic material, collect individuals, insert PIT tags, insert elastomers, and release	Amend.
781084	Anita Hayworth, Encinitas, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardii</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) 	CA	Survey, survey by pursuit, survey using recorded vocalizations, capture, handle, release, collect adult vouchers, and collect branchiopod resting eggs	Renew.

		<ul style="list-style-type: none"> • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) 			
PER0012535	Laura Gorman, Encinitas, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) • Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>) 	CA, NV	Survey, survey by pursuit, survey using recorded vocalizations, capture, handle, release, collect adult vouchers, and collect branchiopod resting eggs	Renew.
PER8784222	William Raitter, Huntington Beach, California	<ul style="list-style-type: none"> • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 	CA	Survey, survey by pursuit, capture, handle, release, and collect adult vouchers	New.
PER8964697	Sarah Wood, Meadow Vista, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) 	CA	Survey, capture, handle, release, and collect adult vouchers	New.

		<ul style="list-style-type: none"> • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 			
PER9095125	Emely Romo, Long Beach, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 	CA	Survey, capture, handle, release, and collect adult vouchers	New.
PER9091670	Dustin Brabandt, San Diego, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 	CA	Survey, capture, handle, release, and collect adult vouchers	New.
PER9090570	Samuel Wentworth, Oakland, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 	CA	Survey, capture, handle, release, and collect adult vouchers	New.

069171	National Park Service Santa Monica Mountains National Recreation Area, Thousand Oaks, California	<ul style="list-style-type: none"> • Braunton's milk-vetch (<i>Astragalus brauntonii</i>) • Lyon's pentachaeta (<i>Pentachaeta lyonii</i>) 	CA	Remove and reduce to possession from lands under Federal jurisdiction	Renew and amend.
PER9080785	USDA USFS PSW R5 Six Rivers National Forest, Eureka, California	<ul style="list-style-type: none"> • Lassics lupine (<i>Lupinus constancei</i>) 	CA	Remove and reduce to possession from lands under Federal jurisdiction	New.
094893	Santa Barbara Botanic Garden, Santa Barbara, California	<ul style="list-style-type: none"> • Hoffmann's rock-cress (<i>Arabis hoffmannii</i>) • Santa Rosa Island manzanita (<i>Arctostaphylos confertiflora</i>) • Marsh Sandwort (<i>Arenaria paludicola</i>) • Braunton's milk-vetch (<i>Astragalus brauntonii</i>) • Clara Hunt's milk-vetch (<i>Astragalus claranus</i>) • Ventura Marsh milk-vetch (<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i>) • Coastal dunes milk-vetch (<i>Astragalus tener</i> var. <i>titi</i>) • Nevin's barberry (<i>Berberis nevinii</i>) • Island barberry (<i>Berberis pinnata</i> ssp. <i>insularis</i>) • Tiburon paintbrush (<i>Castilleja affinis</i> ssp. <i>neglecta</i>) • Soft-leaved paintbrush (<i>Castilleja mollis</i>) • California jewelflower (<i>Caulanthus californicus</i>) • Coyote ceanothus (<i>Ceanothus ferrisiae</i>) 	CA	Remove and reduce to possession from lands under Federal jurisdiction	Renew.

		<ul style="list-style-type: none"> • Catalina Island mountain-mahogany (<i>Cercocarpus traskiae</i>) • Chorro Creek bog thistle (<i>Cirsium fontinale</i> var. <i>obispoense</i>) • La Graciosa thistle (<i>Cirsium loncholepis</i>) • Presidio clarkia (<i>Clarkia franciscana</i>) • Vine Hill clarkia (<i>Clarkia imbricata</i>) • Pismo clarkia (<i>Clarkia speciosa</i> ssp. <i>immaculata</i>) • Soft bird's-beak (<i>Cordylanthus mollis</i> ssp. <i>mollis</i>) • Salt marsh bird's-beak (<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>) • Gaviota tarplant (<i>Deinandra increscens</i> ssp. <i>villosa</i>) • Vandenberg monkeyflower (<i>Diplacus vandenbergensis</i>) • Santa Clara Valley dudleya (<i>Dudleya setchellii</i>) • Santa Barbara Island liveforever (<i>Dudleya traskiae</i>) • Kern mallow (<i>Eremalche kernensis</i>) • Indian Knob mountainbalm (<i>Eriodictyon altissimum</i>) • Lompoc yerba santa (<i>Eriodictyon capitatum</i>) • Loch Lomond coyote thistle (<i>Eryngium constancei</i>) 			
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		<ul style="list-style-type: none"> • San Diego button-celery (<i>Eryngium aristulatum</i> var. <i>parishii</i>) • Menzies' wallflower (<i>Erysimum menziesii</i>) • Monterey gilia (<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>) • Hoffmann's slender-flowered gilia (<i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i>) • Santa Cruz tarplant (<i>Holocarpha macradenia</i>) • Contra Costa goldfields (<i>Lasthenia conjugens</i>) • Burke's goldfields (<i>Lasthenia burkei</i>) • San Joaquin wooly-threads (<i>Monolopia</i> [= <i>Lembertia</i>] <i>congdonii</i>) • Sebastopol meadowfoam (<i>Limnanthes vinculans</i>) • San Clemente Island woodland-star (<i>Lithophragma maximum</i>) • Nipomo Mesa lupine (<i>Lupinus nipomensis</i>) • Santa Cruz Island bush-mallow (<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i>) • Island malacothrix (<i>Malacothrix squalida</i>) • Santa Cruz Island malacothrix (<i>Malacothrix indecora</i>) • Bakersfield cactus (<i>Opuntia treleasei</i>) • California Orcutt grass (<i>Orcuttia californica</i>) 			
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		<ul style="list-style-type: none"> • Lyon's pentachaeta (<i>Pentachaeta lyonii</i>) • Island phacelia (<i>Phacelia insularis</i> ssp. <i>insularis</i>) • Yadon's piperia (<i>Piperia yadonii</i>) • Calistoga allocarya (<i>Plagiobothrys strictus</i>) • San Diego mesa-mint (<i>Pogogyne abramsii</i>) • Otay mesa-mint (<i>Pogogyne nudiuscula</i>) • Gambel's watercress (<i>Rorippa gambellii</i>) • Santa Cruz Island rockcress (<i>Sibara filifolia</i>) • Keck's checker-mallow (<i>Sidalcea keckii</i>) • California seablite (<i>Suaeda californica</i>) • Santa Cruz Island fringepod (<i>Thysanocarpus conchuliferus</i>) 			
PER9001458	Daniel Muratore, Pinole, California	<ul style="list-style-type: none"> • California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County distinct population segment • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) 	CA	Survey, capture, handle, swab, release, and collect adult vouchers	New.

		<ul style="list-style-type: none"> • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 			
PER9012426	Endangered Species Recovery Program, California State University, Stanislaus, Turlock, California	<ul style="list-style-type: none"> • Tipton kangaroo rat (<i>Dipodomys nitratooides nitratooides</i>) • San Joaquin kit fox (<i>Vulpes macrotis mutica</i>) • Blunt-nose leopard lizard (<i>Gambelia silus</i>) • Fresno kangaroo rat (<i>Dipodomys nitratooides exilis</i>) • Buena Vista Lake ornate shrew (<i>Sorex ornatus relictus</i>) • Giant kangaroo rat (<i>Dipodomys ingens</i>) • Bakersfield cactus (<i>Opuntia treleasei</i>) • Riparian brush rabbit (<i>Sylvilagus bachmani riparius</i>) • Riparian woodrat (<i>Neotoma fuscipes riparia</i>) 	CA	Survey, capture, handle, mark, insert PIT (passive integrated transponder) tag, attach/remove radio transmitters, take biological samples, hold in captivity, release, provide treatment for sarcoptic mange, and remove and reduce to possession from lands under Federal jurisdiction	New.
21700B	Diana Grosso, Paso Robles, California	<ul style="list-style-type: none"> • Tipton kangaroo rat (<i>Dipodomys nitratooides nitratooides</i>) • San Joaquin kit fox (<i>Vulpes macrotis mutica</i>) • Giant kangaroo rat (<i>Dipodomys ingens</i>) 	CA	Survey, capture, handle, and release	Renew.
028223	Jonathan Stead, Oakland, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) 	CA	Survey, capture, handle, release, collect adult vouchers, collect branchiopod resting eggs, and process soil samples for	Renew.

		<ul style="list-style-type: none"> • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 		resting egg identification	
PER0036394	West Kern Environmental Consulting, Buttonwillow, California	<ul style="list-style-type: none"> • Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>) • Giant kangaroo rat (<i>Dipodomys ingens</i>) 	CA	Survey, capture, handle, and release	New.
037806	Bureau of Land Management, Bakersfield Field Office, Bakersfield, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>) • Giant kangaroo rat (<i>Dipodomys ingens</i>) 	CA	Survey, capture, handle, mark, release, collect adult vouchers, and collect branchiopod resting eggs	Renew.
PER0057271	William Webb Jr., Larkspur, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 	CA	Survey, capture, handle, release, and collect adult vouchers	Amend.
110382	Ava Edens, Mission Viejo, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) 	CA	Survey, capture, handle, release, collect adult vouchers, and collect branchiopod resting eggs	Renew.

		<ul style="list-style-type: none"> • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 			
181714	Pieter Johnson, Boulder, Colorado	<ul style="list-style-type: none"> • California tiger salamander (<i>Ambystoma californiense</i>) Sonoma County distinct population segment • Santa Cruz long-toed salamander (<i>Ambystoma macrodactylum croceum</i>) 	CA	Survey, capture, handle, examine, swab, and release	Renew.
107075	Steven Powell, Orinda, California	<ul style="list-style-type: none"> • California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County and Sonoma County distinct population segments • Salt marsh harvest mice (<i>Reithrodontomys raviventris</i>) • San Francisco garter snake (<i>Thamnophis sirtalis tetrataenia</i>) 	CA	Survey, capture, handle, swab, and release	Renew.
PER0121458	Donald Hardeman Jr., Cedar Hills, Texas	<ul style="list-style-type: none"> • Giant kangaroo rat (<i>Dipodomys ingens</i>) • Morro Bay kangaroo rat (<i>Dipodomys heermanni morroensis</i>) • Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>) • Fresno kangaroo rat (<i>Dipodomys nitratoides exilis</i>) 	CA	Survey, capture, handle, and release	Amend.
96514A	Jonathan Aguayo, Buena Park, California	<ul style="list-style-type: none"> • Foothill yellow-legged frog (<i>Rana boylei</i>) South Sierra and South Coast distinct population segments 	CA	Survey, capture, handle, swab, and release	Amend.

29658A	Cindy Dunn, San Diego, California	<ul style="list-style-type: none"> • Quino checkerspot butterfly (<i>Euphydryas editha quino</i>) 	CA	Pursue	Renew.
98083C	Sarah Willbrand, San Francisco, California	<ul style="list-style-type: none"> • California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County distinct population segments 	CA	Survey, capture, handle, swab, and release	Renew.
48170A	Lisa Herrera, Santa Maria, California	<ul style="list-style-type: none"> • California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County distinct population segments 	CA	Survey, capture, handle, swab, and release	Amend.
769304	Jeffrey Halstead, Clovis, California	<ul style="list-style-type: none"> • Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>) • Fresno kangaroo rat (<i>Dipodomys nitratoides exilis</i>) • California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County distinct population segments 	CA	Survey, capture, handle, swab, and release	Renew.
02481D	Anna Touchstone, San Diego, California	<ul style="list-style-type: none"> • Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>) • Fresno kangaroo rat (<i>Dipodomys nitratoides exilis</i>) • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) 	CA	Survey, capture, handle, release, collect adult vouchers, and collect branchiopod resting eggs	Renew.
207873	Carol Thompson, Claremont, California	<ul style="list-style-type: none"> • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) 	CA	Survey, capture, handle, release, collect adult	Renew.

		<ul style="list-style-type: none"> • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • San Bernardino Merriam's kangaroo rat (<i>Dipodomys merriami parvus</i>) 		vouchers, and collect branchiopod resting eggs	
831207	Natural Resources Assessment, Inc., Riverside, California	<ul style="list-style-type: none"> • San Bernardino Merriam's kangaroo rat (<i>Dipodomys merriami parvus</i>) • Pacific pocket mouse (<i>Perognathus longimembris pacificus</i>) 	CA	Survey, capture, handle, and release	Renew.
139628	Kleinfelder, San Francisco, California	<ul style="list-style-type: none"> • Foothill yellow-legged frog (<i>Rana boylei</i>), South Sierra and South Coast distinct population segments 	CA	Survey, capture, handle, swab, and release	Amend.
PER9631931	Karissa Denney, Bakersfield, California	<ul style="list-style-type: none"> • Foothill yellow-legged frog (<i>Rana boylei</i>), South Sierra and South Coast distinct population segments 	CA	Survey, capture, handle, swab, and release	New.
85084C	Dustin Brown, Orangevale, California	<ul style="list-style-type: none"> • Conservancy fairy shrimp (<i>Branchinecta conservatio</i>) • Longhorn fairy shrimp (<i>Branchinecta longiantenna</i>) • Vernal pool tadpole shrimp (<i>Lepidurus packardi</i>) • Riverside fairy shrimp (<i>Streptocephalus woottoni</i>) • San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) • California tiger salamander (<i>Ambystoma californiense</i>), Santa Barbara County distinct population segments 	CA	Survey, capture, handle, swab, release, collect adult vouchers, and collect branchiopod resting eggs	Renew.

Public Availability of Comments

Written comments we receive become part of the administrative 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 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.*).

Rachel Henry,
Acting Regional Ecological Services Program Manager,
Pacific Southwest Region,
Sacramento, California.

[FR Doc. 2024-09129 Filed: 4/26/2024 8:45 am; Publication Date: 4/29/2024]