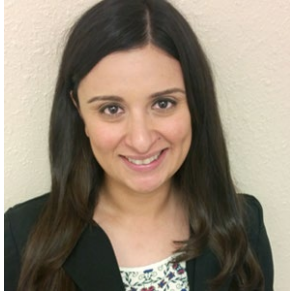


DOCKETED

Docket Number:	21-AFC-02
Project Title:	Willow Rock Energy Storage Center
TN #:	248933
Document Title:	KFlores Resume 2022 -MGS and Small Mammal pdf
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Karla L. Flores

Principal Biologist

EDUCATION

BA, Biology (minor in Mathematics), Mills College, Oakland, CA

14 YEARS OF EXPERIENCE

PROFESSIONAL MEMBERSHIPS

American Society of Mammalogists

Ecological Society of America

PERMITS AND CERTIFICATIONS

CDFW MOU & Scientific Collecting Permit SC-10572

QSP (CASQA # 27833; CISEC #3119) Expiration 05/03/2023

Security Clearance-China Lake, Fort Irwin, and Marine Corps Logistics Base (MCLB) 2016

SPECIAL TRAINING

MGS Workshop (TWS)(2022)

OSHA HAZWOPER -40HR Training (2021)

CNPS CEQA Impact Analysis Workshop (2019) Certified Inspector of Sediment and Erosion Control Workshop (CISEC Inc.) (2021)

EnviroTech NPDES Services QSP Training Course for the California Construction General Permit (2021)

Rattlesnake Handling and Relocation Training (2020)

The Wetland Training Institute-Wetland Delineation Workshop (2020)

Karla is a field biologist that specializes in small mammal ecology. She has conducted small mammal surveys in California, Oregon, Washington, and Colorado including general species inventory surveys and special-status species focused surveys. To date Karla has completed surveys and/or habitat assessments for the following special-status species: San Bernardino kangaroo rat (FE), Stephen's kangaroo rat (FT), Tipton's kangaroo rat (FE), San Joaquin antelope ground squirrel (ST), Mohave ground squirrel (ST), Southern grasshopper mouse (SSC), San Diego desert woodrat (SSC), northwestern San Diego pocket mouse (SSC), Dulzura pocket mouse (SSC), Tehachapi pocket mouse (SSC). She currently holds a Memorandum of Understanding (MOU) and Scientific Collecting permit from the California Department of Fish and Wildlife (CDFW) allowing her to oversee field surveys for state listed Mohave ground squirrel and other small mammal species of special concern (SSC). Karla is currently in the process of obtaining a 10(a)1(a) permit from the United States Fish and Wildlife Service (USFWS) which would enable her to conduct field surveys independently for the federally listed San Bernardino kangaroo rat and Stephen's kangaroo rat. Karla regularly attends professional development workshops including the CNPS CEQA Impact Analysis Workshop and has assisted in the preparation of CEQA documents such as EIRs and MNDs. Moreover, Karla's previous experience as a project manager for the Bureau of Land Management (BLM) Southern California Edison (SCE) Deteriorated Pole Replacement Project familiarized her with the NEPA process and the implementation of federal agency regulations.

Mohave Ground Squirrel Experience

Covington Group (Glen Lukos Associates), 2022 Antelope Valley Commerce Center Mohave Ground Squirrel Protocol Trapping, Palmdale, CA.

Principal Biologist. Karla, along with a team of MGS permitted biologists conducted CDFW protocol surveys on one survey grid, in support of a 326-acre speculative warehouse development. No MGS were captured; incidental captures included white-tailed antelope ground squirrel, California ground squirrel, Great Basin whiptail, yellow-backed spiny lizard, and cactus wren.

Covington Group (Glen Lukos Associates), 2022 Palmdale Logistics Park Project Mohave Ground Squirrel Protocol Trapping, Palmdale, CA. *Principal Biologist.*

Karla conducted CDFW MGS protocol surveys on one survey grid in support of a 78.68-acre warehouse development. Karla also prepared technical reports summarizing findings of the survey. No Mohave ground squirrels were captured; incidental captures included white-tailed antelope ground squirrel, California ground squirrel, Great Basin whiptail, yellow-backed spiny lizard, and cactus wren.

SPECIAL TRAINING

Invasive Shothole Borer
Training Workshop
(December 2018)

AEP CEQA Training
Workshop (November
2018)

Southwestern Desert Bat
Training Workshop (April
2018)

CNPS Vegetation
Mapping Workshop
(March 2017)

Yellow-billed Cuckoo
Workshop (July 2014)

Desert Tortoise
Workshop (November
2013)

Uncommon Developers (Dudek), 2022 Apple Valley 160 Project Mohave Ground Squirrel Protocol Trapping, Apple Valley, CA. *Principal Biologist.* Karla conducted CDFW MGS protocol surveys on two grids in support of a 160-acre warehouse development. Karla also prepared a technical report summarizing findings of the survey. No Mohave ground squirrels were captured; incidental captures included white-tailed antelope ground squirrel, California ground squirrel, Great Basin whiptail, and black-throated sparrow.

Covington Group (Dudek), 2022 Apple Valley 143 Project Mohave Ground Squirrel Protocol Trapping, Apple Valley, CA. *Principal Biologist.* Karla conducted CDFW MGS protocol surveys on two grids in support of a 143-acre warehouse development and associated 31-acre utility alignment. Karla also prepared a technical report summarizing findings of the survey. No Mohave ground squirrels were captured; incidental captures included white-tailed antelope ground squirrel, Great Basin whiptail, and black-throated sparrow.

Covington Group (Dudek), 2022 I-15 Industrial Park Project Mohave Ground Squirrel Protocol Trapping, Hesperia, CA. *Principal Biologist.* Karla conducted protocol-level Mohave ground squirrel trapping on 1.5 survey grids (after receiving CDFW special approval), in support of a 96.07-acre speculative warehouse development project. No Mohave ground squirrels were captured; incidental captures included white-tailed antelope ground squirrel, California ground squirrel, deer mouse, Great Basin whiptail, and cactus wren.

Covington Group (Dudek), 2022 Poplar 18 Project Mohave Ground Squirrel Protocol Trapping, Hesperia, CA. *Principal Biologist.* Karla conducted protocol surveys for MGS on an 18-acre warehouse development site and prepared a technical report summarizing findings of the survey. No Mohave ground squirrels were captured; incidental captures included white-tailed antelope ground squirrel, California ground squirrel, Great Basin whiptail, and Panamint kangaroo rat.

CH Realty Partners (Dudek), 2022 West of 395 Project Mohave Ground Squirrel Protocol Trapping, Hesperia, CA. *Principal Biologist.* Karla conducted CDFW protocol surveys for MGS in support of a 30-acre warehouse development. Karla also prepared a technical report summarizing findings of the survey. No Mohave ground squirrels were captured; incidental captures included white-tailed antelope ground squirrel, California ground squirrel, Great Basin whiptail, yellow-backed spiny lizard, and cactus wren.

Covington Group (Dudek), 2022 Hesperia Gateway Project Mohave Ground Squirrel Protocol Trapping, Hesperia, CA. *Principal Biologist.* Karla conducted CDFW MGS protocol surveys in support of a 79-acre warehouse development. Karla also prepared technical reports summarizing findings of the survey.

Gold Discovery Group (South Environmental), Southwest Proposed Mine Mohave Ground Squirrel/Desert Tortoise Protocol Surveys, Atolia, CA. *Principal Biologist.* Karla conducted CDFW MGS protocol surveys in support of an 80-acre gold mining operation. Karla also prepared a technical report summarizing findings of the survey. One MGS was captured during the survey. Karla also conducted desert tortoise protocol surveys on a 300-acre project

footprint and located one live tortoise, along with multiple active burrows and fresh scat.

Covington Group (Dudek) 2021 Hesperia Commerce Center II Utility Alignment Project (Dudek)- Mohave Ground Squirrel Surveys (MGS), City of Hesperia, San Bernardino County, CA. *Principal Biologist.* Karla developed and implemented a custom survey protocol for Mohave ground squirrel on a 46.97-acre utility alignment for sewer/storm drain and potable water. The CDFW approved custom protocol consisted of one 100-trap grid arranged in a 4x25 configuration supplemented by five camera trapping stations in areas not covered by the live-trapping grid. Surveys were conducted during the three survey windows outlined in the 2010 MGS survey Guidelines. Images captured by the camera trap stations were reviewed by the principal biologist. Results of the survey were documented in a biotechnical report.

Covington Group (Dudek), 2021 I-15 Industrial Park Project- Mohave Ground Squirrel Surveys (MGS), City of Hesperia, San Bernardino County, CA. *Principal Biologist.* Karla developed and implemented a custom survey protocol for Mohave ground squirrel on a 96.07 project site. The custom protocol was developed to address a project footprint consisting of two disjunct but adjacent parcels. The CDFW approved custom protocol consisted of two live trapping grids supplemented with ten camera trapping stations. The two live trapping grids consisted of one 25-trap 5x5 grid on the smaller 35-acre parcel and one 75 trap 3x25 grid on the larger 60-acre parcel. The ten camera trapping stations were distributed throughout both parcels to capture areas not covered by the live trapping grids. Surveys were conducted during the three survey windows outlined in the 2010 MGS survey Guidelines. Results of the survey were documented in a biotechnical report.

Kern County Public Works (SWCA, Aardvark Biological Services) 2021 Mojave Landfill Expansion Project (Aardvark Biological Services) Mohave Ground Squirrel Surveys (MGS), Kern County, CA. *Principal Biologist.* Karla developed and implemented a custom survey protocol for Mohave ground squirrel on a 1,077.84-acre project site. The CDFW approved custom protocol consisted of surveying 14 locations at three different levels of effort: live trapping only (six grids), camera trapping only (four grids), and combined live trapping and camera trapping (four grids). Live trapping consisted of setting up 100-trap grids arranged in a 10x10 configuration spaced 35-meters apart as outlined in the 2010 MGS Survey Guidelines. Camera trapping consisted of setting up five camera trapping stations consisting of an infrared camera secured to a u-post facing a feeding tube for a duration of five days. Combined live-trapping and camera trapping employed both survey techniques simultaneously. Images captured by the camera trap stations were reviewed by the principal biologist. Results of the survey were documented in a biotechnical report.

Southern California Edison (Environmental Intelligence, Aardvark Biological Services) 2021 Battery Energy Storage System (BESS) Project -Mohave Ground Squirrel Surveys, Kern County, CA. *Principal Biologist.* Karla developed and implemented a custom survey protocol for Mohave ground squirrel on a 7.27-acre project site. The CDFW approved custom protocol consisted of one 25-trap

grid supplemented with seven camera trapping stations. Surveys were conducted during the three survey windows outlined in the 2010 MGS Survey Guidelines and results of the surveys were documented on a biotechnical report.

Covington Group (Dudek, ESA) 2020 Hesperia Commerce Center Mohave Ground Squirrel Surveys (MGS), San Bernardino County, CA. *Principal Biologist.*

Karla developed and implemented a custom survey protocol for Mohave ground squirrel on a 196-acre project site.

The CDFW approved custom protocol consisted of two 100-trap grids arranged in a 4x25 configuration supplemented by five camera trapping stations. Surveys were conducted during the three survey windows outlined in the 2010 MGS Survey Guidelines. Karla worked closely with CDFW staff to implement agency requirements while also meeting unique project needs. Karla led the field live-trapping efforts, supervised and trained field crews, reviewed data collection daily, coordinated with the client and with relevant agencies and delivered a technical report.

Wasteland Weekend Project (Environmental Science Associates)-Mohave Ground squirrel (MGS) Camera Trapping, Kern County, CA. *Project manager and lead biologist.*

Karla led a Mohave ground squirrel (MGS) camera trapping survey on an 80-acre parcel in California City. Camera surveys consisted of setting-up five Reconyx[®] camera stations throughout the site to passively survey for MGS. Camera set-up followed the recommendations described in Delaney, Leitner and Hacker 2017 which required cameras to be set-up for five days during two separate survey windows using bait to attract wildlife to the camera station. Over 10,000 images were obtained during this survey effort. No MGS were detected during this survey although other wildlife expected to occur were detected in the images.

Wasteland Weekend Project (Environmental Science Associates)-Mohave Ground Squirrel (MGS) Protocol Surveys, Kern County, CA. *Biologist.*

Karla conducted CDFW protocol surveys for Mohave Ground Squirrels (MGS) on an 80-acre site in unincorporated California City. Trapping entailed setting up one 100 trap grid in a 10x10 configuration for a period of 5-days during the three survey windows outlined in the 2010 MGS Survey Guidelines. Results of the survey were documented in a biotechnical report.

Mohave Ground Squirrel (MGS) Trapping-Coso Grazing Exclosure Monitoring Study, CSU Stanislaus Endangered Species Recovery Program, Coso Junction, CA. *Volunteer Field Biologist.*

Karla conducted MGS surveys as part of long-term study at China Lake Naval Air Weapons Station. During the surveys, Karla led a team of six biologists and instructed the team on proper trap placement and baiting. Karla handled and processed individual Mohave ground squirrels captured, which included obtaining biometric measurements as well as PIT tagging, biopsy tissue collection and fecal pellet collection. Karla demonstrated proper handling techniques.

Mohave Ground Squirrel (MGS) Live Trapping Surveys--Endangered Species Recovery Program, California State University--Stanislaus, Barstow, CA. *Field Technician.*

Karla conducted protocol surveys for state listed Mohave ground squirrels in several military bases including China Lake, Fort Irwin, and Marine

Corps Logistics Base. Surveys involved live-trapping squirrels, taking biometric measurements and PIT tagging individuals. In addition, Karla conducted several vegetation surveys to determine associations between trap locations and vegetation. Karla also conducted camera trapping using Reconyx infrared cameras and seed trays.

Small Mammal Experience

Lytle Creek San Bernardino Kangaroo Rat (SBKR) trapping and fluorescent powder tracking study, San Bernardino County, CA. *Biologist.* Karla assisted permitted biologist Tracy Bailey with San Bernardino kangaroo rat USFWS protocol trapping. Trapping consisted of setting up Sherman traps along transects and baiting them with bird seed. Traps were opened approximately an hour before sunset and checked at midnight and at sunrise. Animals captured were identified to species and biometric measurements were recorded. All animals were released at their respective capture locations. A select number of SBKR individuals were used in a fluorescent powder tracking study. These individuals were dipped in fluorescent powder of four different colors and released. The resulting fluorescent tracks were visualized using UV lights and mapped using the Collector app of ArcGIS.

SBVMWD San Bernardino Kangaroo Rat (SBKR) Survey, Highland, San Bernardino County, CA. *Biologist.* Karla assisted with San Bernardino kangaroo rat (SBKR) live trapping presence /absence surveys. Karla handled two SBKR, along with other rodent species (deer mice, pocket mice).

County of San Diego Department of Parks and Recreation-Hellhole Canyon Stephen's Kangaroo Rat (SKR) Surveys, San Diego County, CA. *Biologist.* Karla assisted Aardvark Biological in conducting focused surveys for Stephen's kangaroo rat (SKR) in the Sierra Verde Addition of Hellhole Canyon Preserve. Surveys consisted of live trapping using a county protocol. One SKR was captured during surveys.

County of San Diego Department of Parks and Recreation-Ramona Grasslands Vernal Pool Aquatic Surveys and Stephen's kangaroo rat (SKR) monitoring, San Diego County, CA. *Biologist.* Karla assisted Blackhawk Biological with Stephen's kangaroo rat (SKR) monitoring (permitted biologist Kris Alberts) and San Diego fairy shrimp surveys (permitted biologist Ian Maunsell). SKR monitoring entailed visiting sites across the Ramona Grasslands and identifying SKR burrows. San Diego fairy shrimp surveys involved visiting vernal pools and netting invertebrates present. Individuals in net were identified to species. In addition, vernal pool obligate plants were identified and recorded.

Department of Water Resources (DWR) San Joaquin Field Division medium term subsidence actions Tipton Kangaroo Rat (TKR) Surveys, San Joaquin Antelope Ground Squirrel Surveys and Blunt nosed leopard lizard Surveys, Kern County and Kings County, CA. *Biologist.* Karla assisted Aardvark Biological Services in conducting surveys for blunt-nosed leopard lizard, Nelson's antelope ground squirrel and Tipton's kangaroo rat (TKR). Blunt-nosed leopard lizard surveys and Nelson's antelope ground squirrel surveys were conducted

simultaneously during the day by walking transects along the survey area. Tipton kangaroo rat surveys were nocturnal and were conducted using USFWS protocols which entailed setting up Sherman traps in suitable habitat and checking them daily for a period five days. Traps opened daily in the evening, baited with bird seed, and checked at dawn. All animals captured in traps were measured and biometric measurements were recorded. After data collection, all animals were released at their capture location.

County of San Diego County Department of Parks and Recreation-Keys Creek General Small Mammal Surveys, San Diego County, CA. *Biologist.* Karla led nocturnal small mammal live-trapping surveys at Keys Creek Preserve. Trapping entailed setting up 120 traps along transect lines in four representative vegetation communities to obtain baseline data on species richness. Results of trapping activities were submitted to the county in a biotechnical report.

County of San Diego Department of Parks and Recreation-Hellhole Canyon General Small Mammal Surveys, San Diego County, CA. *Biologist.* Karla led nocturnal small mammal live-trapping surveys in five preserves (Sierra Verde, Chabad, Addition 1, 2 and 3) acquired by the County of San Diego. Trapping efforts consisted of two 5-day efforts wherein 120-150 Sherman traps were set in different vegetation communities to obtain a representative list of small mammal species richness. Animals captured were identified to species and biometric measurements were recorded. All animals were released at the site of capture.

Saddle Crest Special Status Wildlife Species Relocation Plan, Silverado, CA. *Biologist.* Karla used standard live-trapping techniques to survey a 62.2-acre site for sensitive small mammal species including Northwestern San Diego pocket mouse (*Chaetodipus fallax fallax*), Southern grasshopper mouse (*Onychomys torridus ramona*) and San Diego desert woodrat (*Neotoma lepida intermedia*). Karla also directed and participated in the relocation of individuals and ensured that relocation sites reflected similar vegetation type and structure as the site in which they were originally trapped.

Northern Grasshopper Mouse Trapping, Colorado State University, Fort Collins, CO. *Graduate Researcher.* Karla led surveys for northern grasshopper mice (*Onychomys leucogaster*) in the Pawnee National Grasslands as part of her master's Research Project. Surveys consisted of establishing twenty 100-trap grids in sites with prairie dog towns and sites with no prairie dog towns. Karla obtained biometric measurements of all rodent captures and collected ear tissue samples from grasshopper mice for genetic analyses. Karla also ear tagged target and non-target species as part of a larger on-going grassland ecological study. Incidental by-catch included: Ord's kangaroo rats, thirteen lined ground squirrels, deer mice, and harvest mice.

Willamette National Forest Small Mammal Trapping, Oregon State University, Corvallis, OR. *Field Assistant.* Karla conducted small mammal surveys at the HJ Andrews Experimental Forest as part of a long-term study investigating the effects of tree thinning on old growth forests. Surveys utilized 100-trap grids and focused on trapping species indicators of old-growth forest such as flying squirrels and red-backed voles but also included Townsend's chipmunks, spotted skunks, deer

mice, ermines, and several species of shrew. Karla took biometric measurements of all mammals trapped and ear tagged all individuals.

Mount St. Helens Field Research, US Forest Service, Amboy, WA. *Field Assistant.* Karla used standard live trapping techniques to conduct general small mammal surveys in upland and riparian sites within the pumice plain of Mt St Helens. Surveys were part of a succession study used to quantify changes in the abundance of small mammals following the 1980 volcanic eruption. Biometric measurements for all rodents trapped were taken and all individuals trapped were ear tagged

Desert Tortoise Experience

Mojave Gunnery Range Desert Tortoise and Mojave Ground Squirrel Surveys, Kern County, CA. *Biologist.* Karla conducted United States Fish and Wildlife Service (USFWS) protocol surveys for desert tortoise on a 2,930-acre site for the US Army Corps of Engineers (USACE). Surveys were conducted in collaboration with UXO specialists given the prior history of the site as a Formerly Used Defense Site (FUDS),

Department of Water Resources (DWR) Desert Tortoise Habitat Evaluation, Los Angeles County, CA. *Biologist.* Karla conducted a habitat evaluation for desert tortoise along a portion of the California aqueduct that required maintenance. Karla conducted transect surveys to identify desert tortoise sign as well as to document vegetation and soil conditions suitable for desert tortoise. Karla then prepared a technical report documenting the results of the habitat evaluation.

Wasteland Weekend-Desert Tortoise Survey, Kern County, CA. *Biologist.* Karla led a three-person team while conducting USFWS desert tortoise surveys on an 80-acre parcel in located east of California City in 2018 and 2019 prior to the annual Wasteland Weekend festival. Karla documented desert tortoise sign including burrows, scat, and tracks. One juvenile tortoise was detected during these surveys. Results of the survey were summarized in a biotechnical report.

Joshua Tree Under Canvas Luxury Campground-Desert Tortoise Survey, Yucca Valley, San Bernardino County, CA. *Biologist.* Karla participated in United States Fish and Wildlife Service (USFWS) protocol surveys for desert tortoise on a 640-acre property. No desert tortoises were found during the survey.

Tortoise Rock Casino Project, Twenty-nine Palms, San Bernardino County, CA. *Biologist.* Karla conducted desert tortoise surveys on 128 acres of reservation land owned by the Band of Mission Indians prior to the installation of a desert tortoise exclusion fence. She monitored the installation of a tortoise exclusion fence and ensured that the fence met specifications outlined in Chapter 8 of the desert tortoise field manual. In addition, Karla conducted 100% coverage (5m apart) desert tortoise surveys to ensure the absence of desert tortoises in the fenced area.

First Solar Desert Tortoise Surveys, Las Vegas, Clark County, NV. *Biologist.* Karla conducted USFWS desert tortoise clearance surveys and assisted in one desert tortoise health assessment. She found three live tortoises in approximately 50 survey miles, as well as several burrows, scat, carcasses.

Path 46 Rare Plant and Desert Tortoise Surveys, ESA Associates, San Bernardino County, CA, and Clark County NV. *Biologist.* Karla conducted desert tortoise clearance surveys in 15 survey miles along a transmission line. She found two live tortoises, as well as several pieces of scat and several burrows. Additionally, Karla conducted plant and wildlife surveys and assisted with the creation of a plant and wildlife compendium.

Barren Ridge Renewable Transmission Project, Kern County, CA. *Biologist.* Karla conducted pre-construction surveys within a 100ft buffer surrounding geotechnical drilling locations along a 52.1-mile stretch of transmission line. Duties included providing WEAP training for crew members, creating WEAP training materials, and surveying drill sites for desert tortoises and desert tortoise sign.

Barren Ridge Switching Station Expansion Project, Kern County, CA. *Biologist.* Karla performed desert tortoise monitoring during a 400mx400m expansion of Barren Ridge Switching Station. Her duties included attending daily tailboard meetings, conducting WEAP trainings, monitoring known tortoise burrows, and surveying the access road and surrounding areas for tortoise activity. During this project, Karla actively tracked the daily activity of four tortoises that inhabited the area immediately adjacent to the project site.

Tortoise Rock Casino Project, Twenty-nine Palms, San Bernardino County, CA. *Biologist.* Karla performed monitoring for desert tortoises during the construction of Tortoise Rock Casino in Twenty-nine Palms. Her duties included monitoring the construction of a tortoise fence and directing the placement and construction of tortoise guards. In addition, Karla checked for tortoises three times a day by walking along the tortoise fence and ensured that the construction site stayed free of food debris to avoid attracting predators. Karla also communicated with the construction manager and foreman on site to address biological concerns.

Compliance/Biological Monitoring

Chino Hills State Park Line 2000 (CHSP L2000) Hydrotest Project (Aecom-SoCal Gas/Aardvark), Orange County, CA. Karla conducted environmental monitoring during hydrotesting activities on 10 miles of existing pipeline to ensure project compliance with permit specifications and to ensure avoidance of biological resources. Karla attended daily tailgate meeting and conducted worker environmental awareness trainings (WEAP) on an as needed basis. Biological resources monitored included: Catalina mariposa lily, many stemmed dudleya, California walnut, coastal California gnatcatcher, and least Bell's vireo.

eTS42983.01-L7200 MP4.4 Recoat and Anode Installation Project (Rincon-SoCal Gas/Aardvark), Bakersfield, Kern County, CA. Karla conducted pre-construction surveys for San Joaquin kit fox and biological monitoring to ensure

avoidance of biological resources during the removal of asbestos containing materials from >260 linear feet of pipe. Karla attended daily tailboard meetings and conducted worker environmental awareness trainings (WEAP) for all new staff onsite.

Bureau of Land Management, PG&E Hydrostatic Testing L300 AND L311, Barstow, CA. *Compliance Monitor.* Karla performed third party compliance monitoring in support of a pipeline maintenance project to ensure that all biological and cultural resources mitigation measures were implemented appropriately by biological monitors and construction staff.

Los Angeles Metro Purple Line Extension Project, Beverly Hills, Los Angeles County, CA. *Compliance Monitor.* Karla conducted general compliance monitoring to ensure project compliance with the Memorandum of Agreement between the City of Beverly Hills and Metro during the advanced utilities relocation phase of construction for the segment of the Metro Purple Line. Karla provides daily compliance monitoring with a focus on issues including noise, haul routes, traffic, and pedestrian access and prepares daily reports.

Falcon Ridge Substation Project, Rancho Cucamonga, CA. *Compliance Monitor.* Karla conducted compliance monitoring as a representative for the California Public Utilities Commission (CPUC). Karla's main task was to ensure that activities occurring during the development of a SCE laydown yard followed mitigation measures outlined in the Notice to Proceed. Karla attended WEAP trainings and coordinated with the contractor and the environmental monitor to ensure compliance. Karla also summarized site visits daily reports.

Water Replenishment District (WRD) Groundwater Reliability Improvement Project, Pico Rivera, Los Angeles County, CA. *Compliance Monitor.* Karla conducted monitoring to ensure compliance with the mitigation measures outlined in the supplemental environmental impact report (SEIR). Monitoring efforts focused on noise and light project impacts. Karla also prepared daily reports.

LADWP River Supply Conduit Improvement Upper Reach Project, North Hollywood, Los Angeles County, CA. *Compliance Monitor.* Karla conducted noise measurements during installation of a water pipe by LADWP crews in North Hollywood. She ensured that noise levels were compliant with the allowed threshold of 75db noise level.

North Fire Transmission Line Repair Monitoring, Phelan, San Bernardino County, CA. *Compliance Monitor.* Karla monitored the replacement of high voltage transmission lines that were damaged by the North Fire. Monitoring activities focused on ensuring work complied with standard SWPPP practices such as implementation of sediment fences, straw wattles, and adequate dust control. In addition, Karla ensured that construction activities did not harm wildlife (nesting birds, San Bernardino kangaroo rat). Karla also conducted plant surveys and created a plant palette for restoration efforts in areas affected by the fire. Lastly, Karla assisted with the delineation of jurisdictional drainages using standard USACE protocols.

CEQA and Project Management

Wingate Park Regional EWMP IS/MND, City of Covina, Los Angeles County, CA.

Biologist. Karla conducted a general habitat assessment and prepared both a biotechnical report and a Biological Resources section for an IS/MND.

Crawford Canyon Park and Crawford Canyon Sidewalk Extension IS/MND, City of Tustin, Orange County, CA. *Biologist.*

Karla conducted a general habitat assessment and prepared both a biotechnical report and a Biological Resources section for an IS/MND.

BLM-SCE Deteriorating Pole Replacement Project, Moreno Valley, CA. *Project Manager.* Karla served as adjunct staff for the Bureau of Land Management (BLM) and developed/implemented protocols to process and approve 500+ SCE pole replacement applications. Karla managed large data sets to track the status of each pole replacement application and to document the timeline of the review process. Karla coordinated with SCE staff to ensure that pole replacement application packets were complete and accurate as well as with BLM field office staff to streamline review and approval process. Karla also worked closely with SCE to identify priority poles and facilitate expedited processing and approval. Karla traveled to all field offices within the CA desert district jurisdiction to assess needs and concerns of field office staff and identify potential solutions. Karla also prepared materials and participated in quarterly meetings with BLM and SCE staff to provide updates on progress and evaluate the effectiveness of workflow procedures.

Symposia

“Population Genetic Structure of the Northern Grasshopper Mouse, *Onychomys leucogaster*, in Relation to Prairie Dogs and Plague.” Poster presentation. Southern California Academy of Science Symposium, California State University, Long Beach. 3 May 2013.

Publications

Flores, K. 2008. “Establishing the Role of Coccolithophorids as Sinks for Global CO₂.” [thesis]. Oakland, CA: Thesis Archive, Mills College.

In preparation... “Development and characterization of twenty microsatellite markers for *Onychomys leucogaster* using paired-end Illumina shotgun sequencing.” Molecular ecology resources.

In preparation... “Population Genetic Structure of Northern Grasshopper Mice, *Onychomys leucogaster*, in the Pawnee National Grasslands” Molecular ecology resources.

Scholarships and Assistantships- California State University—Fullerton

- 2013 Jerome Wilson Memorial Scholarship in Genetics \$700
- 2013, 2012, 2011 EPOCHS Graduate Student Research Grant \$400, \$330, \$225, \$350

- Principles of Physiology and Ecology (BIOL274) Laboratory Teaching Associate (2010-present)
- 2012 Marvin J. Rosenberg Scholarship in Molecular Biology \$1,000
- 2012 David and Georgia Marshall Scholarship \$5000
- 2011 Theodore Roosevelt Memorial Grant \$2,300
- 2011 Rachel Carson Scholarship in Conservation Biology \$500
- 2012, 2011 Department of Biological Science Graduate Student Research Grant \$150