



**Channel
Islands**

Restoration

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Statement of Qualifications

March 2022

EXPERIENCE

Channel Islands Restoration (CIR) is a licensed landscape contractor and has been restoring habitats on the coastal areas of Southern California since 2002. We specialize in eradicating non-native invasive species, propagating native plants, planting native plants, installing, and maintaining irrigation systems, preparing habitat restoration plans and conducting botanical and wildlife surveys. CIR has a Department of Pesticide Regulation Business License, and several CIR staff retain a Qualified Applicator License or Qualified Applicator Certificates. CIR personnel have expertise in the identification of native and non-native plants and threatened and endangered species. We have worked on more than one hundred habitat restoration projects in Santa Barbara, Ventura, and Los Angeles Counties; and our clients include four federal agencies, six state agencies, nine local or tribal agencies and many private entities. We are currently treating Arundo in the Santa Clara River on a 250-acre property owned by The Nature Conservancy and have worked on many Arundo eradication projects in the Santa Clara River and other riparian systems in Ventura and Santa Barbara Counties over the past 20 years. We are recognized by our colleagues, clients, and agencies for our thorough work, our professionalism, integrity, our ability to identify native plants and animals, our ecosystem knowledge, and commitment to protection of native plants and animals.

Santa Barbara County Mainland Projects

Andree Clark Bird Refuge/Santa Barbara Zoo invasive weed eradication and re-vegetation
Arroyo Burro Creek Arundo eradication
Arroyo Hondo Preserve invasive weed eradication
Arroyo Hondo Preserve construction monitoring to protect Steelhead and CA Red-Legged Frog
Atascadero Creek Invasive weed eradication and re-vegetation
Bixby Ranch Botanical Assessment
Burton Mesa Ecological Reserve El Segundo blue butterfly habitat restoration
Burton Mesa Ecological Reserve Land Management Plan
Burton Mesa Ecological Reserve Wildlife and Botanical Surveys and Vegetation Sampling
Burton Mesa Ecological Reserve Botanical Surveys for Rare Plants
Carpinteria Creek Arundo removal
Carpinteria Salt Marsh Survey for Salt Marsh Bird's-Beak (endangered)
Carpinteria Salt Marsh Removal of European sea lavender
Carpinteria State Beach iceplant removal and native species re-vegetation
Elings Park Pampas grass eradication
Elings Park oak woodland restoration and invasive weed eradication
Ellwood Mesa Monarch Butterfly Habitat Management Plan Update, City of Goleta

Gaviota Coast Artichoke thistle eradication
Gaviota Creek Estuary Restoration Potential
Gaviota Tarplant Surveys and Morphological Analysis of Gaviota Tarplant and Common Tarplant
Hollister Ranch Botanical Survey
Lake Los Carneros restoration and re-vegetation
Lookout Park Arundo removal and native species re-vegetation
Mission Canyon Arundo eradication
Montecito Arundo eradication
More Mesa Pampas grass and knapweed eradication
More Mesa Steps invasive weed control/re-vegetation
Parma Park invasive weed eradication
Point Sal Reserve Management Plan
Rancho Dos Vistas Biological Assessment
Refugio Creek Arundo removal/native species re-vegetation
Refugio State Beach invasive weed removal/native species re-vegetation
Rice Ranch (Orcutt) invasive plant removal
Rincon Creek Arundo eradication
San Marcos Foothills artichoke thistle/silver nightshade eradication
San Marcos Foothills Atascadero Creek restoration project
San Marcos Foothills Cieneguitas Creek restoration project
San Roque Creek Arundo eradication
Sanja de Cota Creek on Chumash Indians Reservation Restoration Plan and Eradication of Invasives
Santa Barbara Botanic Garden invasive plant control
Santa Ynez Band of Chumash Indians Sanja de Cota Creek Habitat Restoration Plan and Implementation
Santa Ynez River Arundo eradication
Santa Ynez Valley Puna grass eradication
Sisquoc River Watershed Tamarisk eradication
Vandenberg Air Force Base 10-Year Fire Management Plan
Vandenberg Air Force Base Biological Assessment of 10-Year Fire Management Plan
Vandenberg Air Force Base Botanical Surveys and Vegetation
Vandenberg Air Force Base Invasive Species Eradication
Vandenberg Air Force Base Botanical and Wildlife Surveys and Biological Assessment
Vandenberg Air Force Base Assessment of Impacts to El Segundo Blue Butterfly Habitat

Ventura County Mainland Projects

Conejo Open Space Conservation Agency eradication of invasive weeds
Cuyama Valley Survey and weed treatment
Hidden Valley Coastal Sage Scrub restoration
Ormond Beach dune restoration
Oxnard McGrath dune and wetland restoration, including weeding around *Astragalus pycnostachyus* var. *lanosissimus* (endangered)
Point Mugu Naval Air Station wetland restoration
Point Mugu seed collection, plant propagation, plant/irrigation installation, invasive control
Santa Clara River Arundo eradication, Camp property, Taylor property, Hanson property
Santa Clara River Arundo eradication and revegetation, City of Santa Paula
Santa Clara River Invasive Plant Eradication, Hedrick Ranch Nature Area
Santa Clara River Arundo eradication, Fillmore Fish Hatchery
Santa Clara River Arundo eradication, The Nature Conservancy
Santa Monica Mountains National Recreation Area Saddle Peak Spanish Broom eradication
Thousand Oaks salvage and revegetation of *Astragalus brauntonii* (endangered)

Channel Islands Projects

San Nicolas Island

Nursery construction, seed collection, plant propagation of more than 50,000 native plants, plant installation and irrigation, habitat restoration of dune vegetation, native grasslands, coastal sage scrub, cactus scrub, maintenance of restoration projects, erosion control and control of invasive weeds including Sahara mustard, carnation spurge and iceplant.

San Clemente Island

Control of invasive species including iceplant and fennel

Anacapa Island

Control of invasive weeds including iceplant, seed collection, establishment of island nursery, propagating and planting native species, and conducting educational programs

Santa Cruz Island

Control of invasive species, seed collection, planting of native species, trail construction

Santa Rosa Island

Control of invasive weeds, seed collection, planting native species, installation of erosion

control measures, rare plant surveys, building and removal of fences and enclosure

San Miguel Island

Control of invasive species

Restored Habitats

Oak Woodland

Arroyo Hondo Removal of Invasives in Oak Woodland

San Marcos Foothills Preserve Restoration of Oak Understory

Santa Cruz Island Removal of Invasives (Eucalyptus, Vinca, Kukuyu Grass) in Oak Woodland

Native Grassland

San Marcos Foothills Preserve Native Grassland Restoration Plan and Implementation

Artichoke Thistle on the Gaviota Coast

Sierra Madre Potrereros Native Grassland Botanical and Wildlife Surveys

Coastal Sage Scrub

San Marcos Foothills Preserve Planting Coastal Sage Scrub species

Santa Cruz Island Removal of Invasives around Endangered Species

Burton Mesa Ecological Reserve Planting Coastal Scrub Species

Ocean Bluff Habitat

Summerland Lookout Park Removal of *Arundo donax* and planting coastal bluff scrub

UCSB Ocean Bluffs Removal of Pampas Grass

Santa Cruz Island Pelican Bay Restoration of coastal bluff scrub removing invasives around a listed species

Riparian

Carpinteria Creek Arundo removal

Refugio Creek Arundo removal

Santa Clara River Arundo removal

Santa Ynez River Tamarisk eradication

Sanja de Cota Creek Removal of Vinca, Himalayan Blackberry, German Ivy and others

Santa Cruz Island Removal of invasive species in multiple creeks

Sisquoc River Tamarisk eradication

Ice Plant Eradication

Anacapa Island (40+ acres)

Carpinteria State Beach (2 acres)

Carpinteria Salt Marsh (.25 acre)

San Clemente Island (80+ acres)

Santa Cruz Island (5 acres)

Roadside Revegetation

Burton Mesa Ecological Reserve .25 mile road to coastal scrub

San Nicolas Island 2.5 miles along roadsides to coastal scrub

Wetlands

Carpinteria Salt Marsh

Point Mugu Navy Base

Sand Dunes

Coal Oil Point Reserve

San Nicolas Island

Native Plant Propagation

Seed and Cutting Collections and Seed Storage

Anacapa Island

San Nicolas Island Navy Base

Point Mugu Navy Base

Ventura County Native Seed Harvest

Native Plant Propagation

Anacapa Island

Burton Mesa

Carpinteria Salt Marsh

Point Mugu

San Nicolas Island

Thousand Oaks

Nursery Construction

Anacapa Island

Camarillo

San Nicolas Island

Work with Threatened and Endangered Species

Acmispon argophyllus var. *niveus* (**Santa Cruz Island bird's-foot trefoil**): Performed extensive invasive plant removal in close proximity to *Acmispon* on Santa Cruz Island.

Acmispon dendroideus var. *traskiae* (**San Clemente island lotus**): hand removed ice plant growing with the *Acmispon* on San Clemente Island.

Boechera hoffmannii (**Hoffman's rockcress**): treated (with herbicide) *Lepidium draba* (hoary cress) growing in close proximity to *Boechera* on Santa Cruz Island.

Astragalus brauntonii (**Braunton's milk vetch**): seed collection, propagation, and planting in Thousand Oaks.

Astragalus pycnostachyus var. *lanosissimus* (**Ventura Marsh Milk-Vetch**): treated invasive plants growing in close proximity to the *Astragalus* at the North Shore project in Oxnard and at Coal Oil Point Reserve.

Chloropyron maritimum subsp. *maritimum* (**Salt Marsh Bird's-Beak**): surveyed the entire 230-acre Carpinteria Salt Marsh for this species.

Dithyrea maritima (**beach spectaclepod**): grew and planted *Dithyrea*, plus removed ice plant growing with *Dithyrea* on San Nicolas Island.

Galium buxifolium (**Sea-cliff bedstraw**): treated (with herbicide) *Vinca major* that was growing with *Galium* on cliff habitat on Santa Cruz Island. This was part of a study with U.S.G.S. to assess the viability and effectiveness of removing an invasive plant growing with an endangered plant.

Thysanocarpus conchuliferus (**Santa Cruz Island Lace pod**): treated (with herbicide) *Verbascum thapsus* (common mullein) growing in close proximity to *Thysanocarpus* on Santa Cruz Island.

Rana draytonii (**California red-legged frog**): surveys in the Sisquoc River, monitoring and rescues in Arroyo Hondo

Anaxyrus californicus (**Arroyo toad**): surveys in the Sisquoc River

Thamnophis hammondi (**Two-striped garter snake**): surveys in the Sisquoc River, Vandenberg Air Force Base, Ojai and other locations

***Anniella pulchra* and *stebbinsi* (Legless lizard):** surveys in the Oceano Dunes, Burton Mesa, and other locations

***Phrynosoma blainvillii* (Blainville's Horned Lizard):** Cuyama Valley, Burton Mesa, and other locations

Peregrine falcon: Nest monitoring through an entire breeding season at the Los Angeles Harbor.

REFERENCES

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