# Summer Program Results




## Bird Survey Effort

**104** area searches Central Valley wide!

**4** visits per property

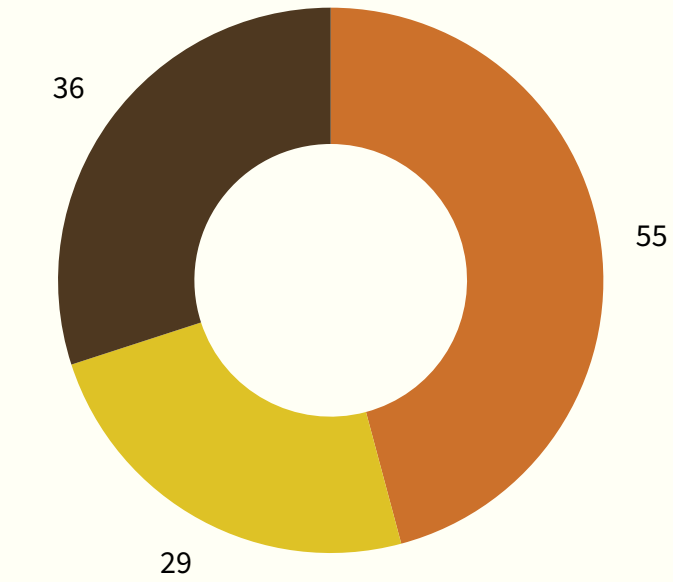
**Wetlands surveyed per region:**

**12** Sac Valley & Delta
**7** San Joaquin & Tulare
**7** Suisun



Two of our field techs collecting water quality data and soil samples

## Total # of Hours Surveying




## New Science

### Invertebrate Sampling

This year, the program launched a new study to explore the availability of invertebrate sources for shorebirds in the mud of your wetlands. Sampling will take place on both farmlands and wetlands across multiple seasons to better understand the protein sources within the soil.

# Snapshot of a Summer Wetland

*On a typical pond, you'd expect to see:*

248 individual birds in 136 acres
139 songbirds (red-winged blackbird, swallows, marsh nesters)
38 waterfowl (mallards, gadwall)
37 piscivores (pelicans + cormorants, herons + egrets, gulls + terns, grebes)
29 shorebirds



## Top 5 Most Abundant Birds

#1 Red-winged Blackbird

#2 Mallard

#3 Long-billed Dowitcher

#4 Marsh Wren

#5 Western Sandpiper

## Breeding Birds

*Confirmed breeder = visual confirmation of broods or nesting*

### 10 Waterfowl Species

Blue-winged Teal, Canada Goose, Cinnamon Teal, Gadwall, Hooded Merganser, Mallard, Mute Swan, Norther Shoveler, Ruddy Duck, Wood Duck

### 3 Shorebird Species

American Avocet, Black-necked Stilt, Killdeer

### 1 Grebe Species

Pied-billed Grebe

### 6 Marsh-Nesting Songbirds

Common Yellowthroat, Great-tailed Grackle, Marsh Wren, Red-winged Blackbird, Song Sparrow, Yellow-headed Blackbird

### 2 Wader Species

Black-crowned Night-Heron, Great Blue Heron

### 2 Rallid Species

American Coot, Common Gallinule

# Thanks for participating!

















Upcoming Spring and Summer program applications open January 2025!

**BirdReturns.org/wetlands**