



TO:

GrassRoots Environmental, Inc.  
and  
Rose Engineering, Inc.

SUBJECT:

**Technical Memo: #132 Riverside Oaks Townhomes Special-Status Species Survey, Sacramento, CA.**

## INTRODUCTION

A wildlife survey was required as part of the review process for a development proposal for a four-unit townhome project on a parcel of approximately 1/3 acre at the corner of Riverside Boulevard and Captain's Table Road in Sacramento, CA. City of Sacramento specified the scope of work as:

*"Prior to removal of trees and approval of the project, a biologist shall provide a pre-construction survey of the project focusing on proposed disturbance/construction areas and equipment staging with a letter report including identification of any sensitive species or habitat on the site, and any recommendation for pre-construction procedures."*

This field special-status species survey conformed to survey standards specified by California Department of Fish and Wildlife and U.S. Fish and Wildlife Service, including compliance with the California Endangered Species Act and the U.S. Endangered Species Act and state and federal laws protecting migratory birds and nesting birds. This technical memo documents the findings of the special-status species survey for state-listed and federally listed species and other special-status species (including nesting birds).

## METHODS

Biologist Randall Stringer performed the special-status species surveys on the morning of May 31, 2014. The conditions were clear and mild, and the temperature was approximately 70 degrees Fahrenheit. The survey area consisted of the entire the 1/3-acre parcel. Survey efforts emphasized the search for any special-status species or habitats that had documented occurrences, in databases queried, within the survey area or vicinity. Target species consisted of those special-status species reported within 5 miles of the project area boundary in the California Natural Diversity Database (see species table and CNDDDB map at end of report). Field glasses were used to assist in the ocular surveys.

## RESULTS

### **Vegetation Types and Plants Present**

Accept for an entrance/exit driveway (unpaved), and an unpaved area that was being used for parking, the vegetation was mostly undisturbed. Non-native annual grasses were present in the sunlit entrance/exit area, and there were several foot paths through the property. Because of the dense tree canopy, the ground onsite was mostly bare of vegetation. Several oak seedlings (*Quercus lobata* and *Q. agrifolia*) were observed growing out of a mound of soil and decomposing leaves at the south end of the parcel. Arborist tags were noted on trees. The parcel is bordered by Riverside Blvd. on the east, Captain's Table Rd. on the north, the Captain's Table Apartments on the north and west, and a private residence on the south.

The project area is densely populated with trees, a stand of bamboo (at the south end), and wild grape vines, which have grown up the trunks and branches of many of the trees. No special-status plant species were detected during this field survey. A list of all tree species found within the project area is presented next (Acorn Arboricultural Services, Inc. tree list provided by Charlotte Bulluck, landowner).

### Tree Species Tagged Within the Project Area

Common Name
Bay
Black walnut
Camphor
Citrus sp.
Coast live oak
English walnut
Pecan
Plum
Privet
Valley oak
Silver maple

### Wildlife Habitat and Animals Present

No special-status animal species were detected during these field surveys. A pair of mourning doves (*Zenaida macroura*) and a tree squirrel (*Sciurus*) were identified during the survey; no other birds or animals were observed onsite. No active or abandoned nests were detected in the project area.

Native oak trees are present and are protected under tree ordinances; a tree survey or impact & mitigation plan is not part of the scope of this study.

### CONCLUSIONS AND RECOMMENDATIONS

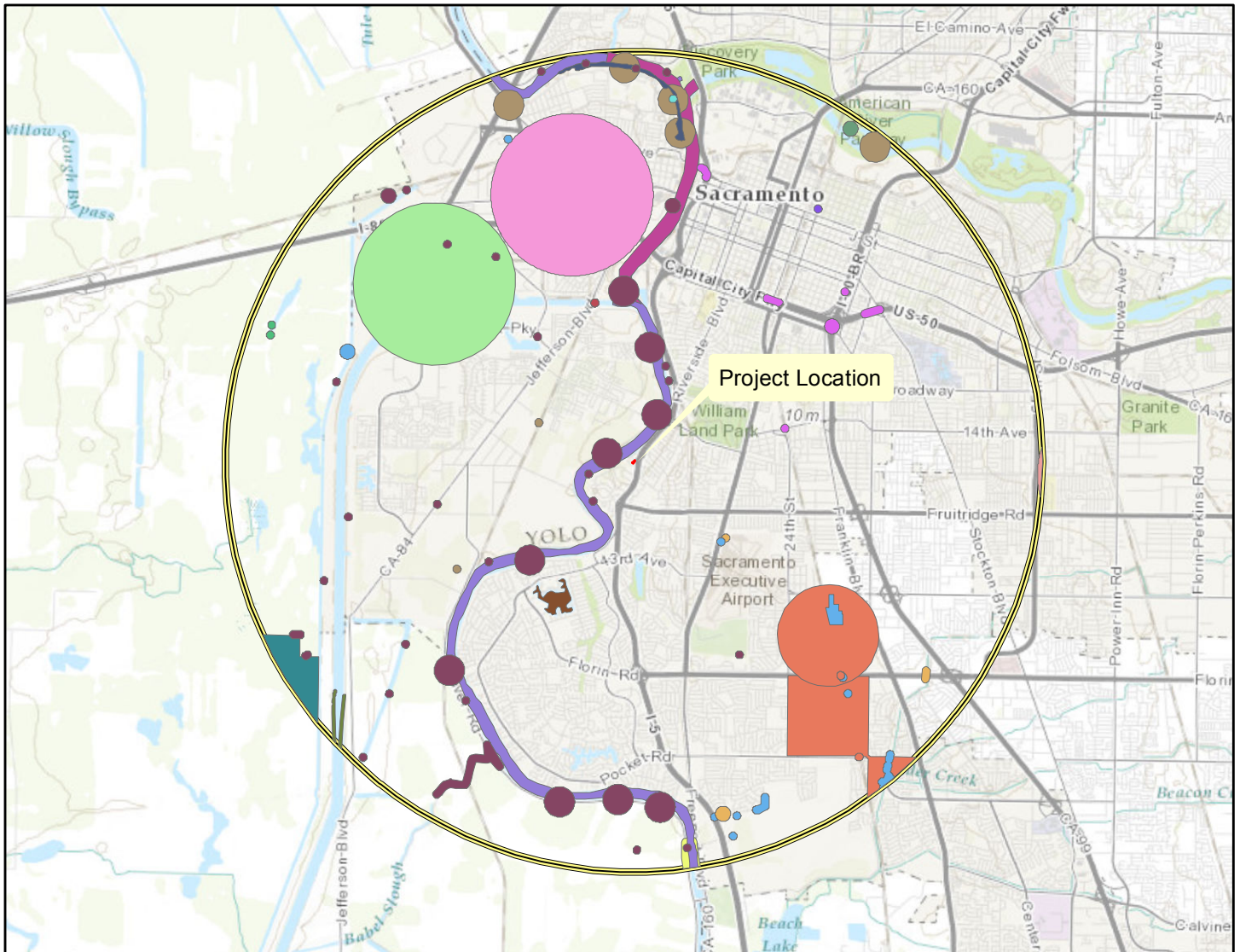
No state-listed or federally listed species, other special-status species, sensitive habitats (other than protected native oak trees), or protected water resources were detected during this focused survey.

Because special-status species that occur in the vicinity could migrate onto the project area between the time that this field survey was completed and the start of construction, it is recommended that a follow-up pre-construction survey for special-status species and nesting birds be performed by a qualified biologist to ensure that threatened or endangered species are not present if more than 60 days lapses between this survey date and the beginning of construction.

FROM:

Randall Stringer

## FIGURES



**CNAME**

- American badger
- California linderiella
- Cooper's hawk
- Elderberry Savanna
- Great Valley Cottonwood Riparian Forest
- Mason's lilaepsis

- Northern California black walnut
- Sacramento Valley tiger beetle
- Sacramento perch
- Sacramento splittail
- Sanford's arrowhead
- Suisun Marsh aster
- Swainson's hawk

- bearded popcornflower
- burrowing owl
- chinook salmon - Central Valley spring-run ESU
- chinook salmon - Sacramento River winter-run ESU
- hoary bat

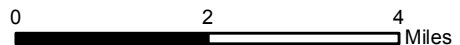
- purple martin
- tricolored blackbird
- valley elderberry longhorn beetle
- vernal pool tadpole shrimp
- white-tailed kite

Project Area     5 mile buffer

**Notes:**

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. Parus Consulting, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by Natural Investigations Company, and will serve as the official record of this communication.
3. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without permission. Data Sources: CNDDDB CDFG, Background ESRI Topographic UTM 10N, North American Datum 1983 North arrow oriented to grid north

1:127,000    1 inch = 2 miles



**Special-Status Species Occurrences Map**

**Patterson Subdivision**

Sacramento West 1992 Quadrangle: Township 8N, Range 4W, Unsectioned Portions of the New Helvetia Land Grant



NATURAL INVESTIGATIONS COMPANY

**Figure 2**

SITE PHOTOS









