
**Guthrie, D.A., "Bird Surveys along a Portion of the Santa Clara River and Its
Tributaries Upstream from the Castaic Creek Confluence, near Valencia
California, 2001" (September 14, 2001; 2001A)**

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**BIRD SURVEYS ALONG A PORTION OF THE
SANTA CLARA RIVER AND ITS TRIBUTARIES
UPSTREAM FROM THE CASTAIC CREEK CONFLUENCE,
NEAR VALENCIA, CALIFORNIA, 2001**

Prepared for:

Mark Subbotin
Valencia Corporation
23823 Valencia Blvd.
Valencia, Ca. 91355

Prepared by:

Daniel A. Guthrie
W.M. Keck Science Center
925 N. Mills Ave
Claremont Ca. 91711
(909) 607-2836
dguthrie@jsd.claremont.edu

September 14, 2001

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**Bird Surveys along a Portion of the Santa Clara River Upstream from
the Castaic Creek Confluence, near Valencia, California, 2001**

Prepared by: Daniel A. Guthrie
W.M. Keck Science Center
925 N. Mills Ave
Claremont Ca. 91711
(909) 607-2836

Nature and Scope of Surveys

During the spring and early summer of 2001 surveys were conducted along a section of the Santa Clara River and its tributaries near Valencia, California (Figure 1). Surveys were focused on determining presence or absence of yellow-billed cuckoo, least Bell's vireo and southwestern willow flycatcher, and followed U.S. Fish and Wildlife Service Guidelines for the latter two species. Numbers of all species observed were noted, and, in addition to the three species noted above, special attention was placed on locating species considered rare and endangered or of Special Concern, and on determining numbers of brown-headed cowbirds.

Each survey was conducted on foot by observers well acquainted with visual, auditory and behavioral characteristics of southern California birds. Survey routes were designed to cover all areas of each section of the river, with emphasis placed on wetter habitats where least Bell's vireos and other sensitive riparian species are most likely to occur. All surveys occurred between 6:00 and 10:00 a.m. If focus species (yellow-billed cuckoo, least Bell's vireo, and southwestern willow flycatcher), were not visually observed, tapes of their calls were played in an attempt to elicit a response. Personnel for all surveys were Daniel A. Guthrie and Judith A. Sugden, both working under Federal Fish and Wildlife Service Permit number TE810394-1, issued under section 10(a)(1)(A) of the Endangered Species Act.

To facilitate surveys and observe the coverage guidelines for focus species, the area was divided into eight sections (Figure 1). Delineation of the eight areas and comments on each follow. Surveys of all sections of the river system were conducted five times during the nesting season and followed the Revised Protocol (Fish And Wildlife Service, July 2000) for southwestern willow flycatcher. Several sections of the river (Areas 4, 6-8) had no running water or wet riparian vegetation and were not considered suitable habitat for least Bell's vireo. However, areas 1-3,5 had flowing water and wet riparian vegetation. These sections were surveyed according to the protocol for least Bell's vireo as outlined by the Fish and Wildlife Service. This latter protocol requires 8 surveys between April 10 and July 31st, approximately 2 weeks apart, except when interrupted by periods of poor weather.

Habitat Condition and Bird Observations.

The riparian zone of the Santa Clara River, as described here, consists of two major habitat types, a wet riparian zone and a dry riparian woodland. The wet riparian zone consists of obligatory wet plants such as cattail and watercress found in continually moist soils along the active river channel and some willow, tamarisk and *Baccharis* shrubs also found in this zone. This zone is usually flooded during winter rains with the removal of much of the annual vegetation. Although this results in bare areas in April and early May, by June and July, most of this wet riparian vegetation has been reestablished. The dry riparian woodland consists of larger willow and cottonwood forests along the margins of the wet riparian zone and occurring on soils above the flood plain that are normally not damaged in winter floods. During the spring of 2001 much of the wet riparian vegetation was scoured from the river channel by floods. The result was poor development of streamside wet riparian vegetation during April and May. Except for one cold spell in April, there was little spring rain, with the result that in the dry riparian woodlands smaller trees died and there was little development of annual plants.

Observations of all birds are shown in Tables 1-8. The numbers shown are of birds seen and heard, with heard individuals forming the majority of the observations. Numbers vary between censuses. Bird activity varies with season. Different species breed at different times of the year. In general, species are most easily observed when they are actively defending territories by song during the establishment of breeding pairs. Once pairs are established and nesting begins song often decreases and the numbers of birds observed, therefore, also decreases. After young leave the nest, numbers observed may increase. Thus, for most resident species, numbers of adult birds are most accurately censused in April and May, when territorial activity is at a maximum. A few species such as Anna's hummingbird that nest early in the season may be underestimated. Numbers of some nesting species, such as yellow warbler may be higher than normal in May due to migratory birds passing through the area. Numbers may also increase in late June and July when young birds leave the nest.

The following sections contain specific comments on the habitat and bird observations in each area.

Area 1 (Table 1). Santa Clara River; The Old Road Bridge to the mouth of Castaic Creek.

Length of section, 3.5 miles. The Santa Clara River flows continuously in this section and is augmented by the Valencia waste water outfall near the upstream end of this section and by some irrigation runoff from Magic Mountain and agricultural fields along the north side.

Along most of this section, wet riparian vegetation forms a narrow strip along the main channel of the Santa Clara River. Although this vegetation was scoured by spring flooding, leaving extensive sand flats, numbers of wet riparian species were similar to those found in previous years. A section of dense willows along The Old Road, protected from spring flooding by a dike and irrigated by runoff from agricultural fields was the site of nesting by two pairs of least Bell's vireos (Figure 3).

Extensive dry riparian forests occur near the Valencia Waste water outfall, near Magic mountain, and near the Valencia Travel Village. Cooper's Hawk and white-tailed kite were rarely seen in these areas.

Species such as rufous-crowned sparrow and Lawrence's goldfinch visit this section of the Santa Clara River during late summer from the coastal sage scrub community on the south side of the river. A red-tailed hawk, ravens, and cliff swallows nested on cliffs along the south side of the river near the mouth of Castaic Creek.

Area 2 (Table 2). Santa Clara River; McBean Parkway downstream to The Old Road.

Length of section, 1.4 miles. The Santa Clara River flows continuously in this section and additional water is provided by irrigation runoff from industrial parks along the north side.

The channel was scoured by spring flooding resulting in removal of most wet riparian vegetation. A small area of coastal sage scrub borders the river just east of Interstate 5, but along the rest of this section the river is now bordered by commercial development.

The wet willow forest near the mouth of San Francisquito Creek was carefully surveyed for focus species as migrating willow flycatcher have been seen here in previous years. None were found this year. Cowbird traps were operated along this section of the river throughout the study period.

Area 3 (Table 3). Santa Clara River; Bouquet Canyon Road downstream to McBean Parkway

Length of section, 1.2 miles. Water, supplied by the Saugus wastewater outfall at the Bouquet Canyon Bridge, is continuous in this section of the Santa Clara River. A small amount of additional water is provided from irrigation runoff coming from Bouquet Canyon. Flooding during the spring removed all wet riparian vegetation from this section of the river. Today dry riparian vegetation is restricted to a narrow zone on the north side of the river near McBean Parkway, to some islands of vegetation within the river channel, and a more extensive forest near the athletic park on the south side. Wet riparian vegetation consists of a narrow zone along the outflow from the Saugus outfall. An extensive willow forest in the flood control channel at the mouth of Bouquet Canyon Creek was removed during the winter to facilitate water movement. Cowbird traps were operated in the section just above the McBean Bridge throughout the census period.

A single willow flycatcher was observed along this section of the river on June 12,th (Figure 2) but could not be found on subsequent visits. This sighting is thought to be of an individual migrating through the area rather than of a breeding individual.

Area 4 (Table 4). Santa Clara River; Bouquet Canyon Road upstream to DWP transmission lines.

Length of section, 2.3 miles. The river channel in this section consists of a broad, flat, dry wash with narrow margins of dry riparian woodland. Within the channel are areas of coastal sage scrub habitat. This section of the Santa Clara River in past years has been wet only briefly during spring rains and due to water release from pumps one mile upstream from Bouquet Canyon Road. This section was completely dry during all surveys this year. This resulted in the almost complete absence of riparian species such as song sparrow and yellowthroat. Most birds observed in this section are characteristic of coastal sage and dry riparian woodlands.

Area 5 (Table 5). Castaic Creek; Route 126 to Interstate 5.

Length of section, 1.8 miles. Water was released from upstream dams during April through June but not continuously. Except for pockets of wet vegetation formed near irrigation runoff channels, and remnant puddles near the middle of this section, the creek was dry much of this spring. Despite this lack of permanent water flow, many wet riparian species (song sparrow, yellowthroat, nested successfully. Swallows nested under the three bridges that cross this section of the river. The extensive willow forest on this section where least Bell's vireo once nested has matured and was dry much of this year. No vireos have been seen here the last four years and the area no longer seems suitable habitat due to its age and lack of permanent water. Two willow flycatchers were observed in this section, one on June 7 and another on June 17. As they were in different places, not singing, and could not be relocated on subsequent visits, these individuals are considered migrant birds passing through the area.

Area 6 (Table 6). San Francisquito Creek; Santa Clara River upstream 2.5 miles.

Length of section, 2.5 miles. Along most of this section the riparian zone consists of a broad sandy channel. Once bordered by coastal sage scrub habitat, the channel is now bordered by developed areas. In the upper part of this section, however, coastal sage scrub plants still occur within the channel as do sections of dry riparian woodland consisting mostly of cottonwoods. *Arundo* and tamarisk are common along this section along the stream channel. The lower ½ mile of San Francisquito Creek is wet due to runoff from adjacent development and is the only portion of this section where species preferring wet riparian habitat were observed.

Area 7 (Table 7). South Fork of the Santa Clara River; McBean Parkway to Magic Mountain Parkway (Route 126).

Length of section, 1.0 miles. The channel along this section of the South Fork is narrow and very sandy. Along most of this section vegetation is restricted to a narrow band of dry woodland and at each side of the channel and a few pockets of wet vegetation supported by runoff from adjacent development. Near the confluence with the main channel of the Santa Clara River a more extensive area of woodland exists on the north side of this section and a small cattail marsh is present.

Area 8 (Table 8). South Fork of the Santa Clara River, Route 126 upstream to Newhall Creek.

Length of section, 1.4 miles. This section of the river consists of a wide sandy channel intersected by several concrete sills designed to restrict sand movement and flood damage. The river is entirely bordered by developed areas but contains small islands of dry riparian vegetation and some wet riparian areas formed by runoff from culverts along the sides of the creek. No flooding has occurred on this section of the river in recent years and riparian vegetation around these culverts continues to develop into areas of cottonwood and willow woodland, resulting in the continued increase in riparian species along this section of the river.

Comments on Threatened and Endangered Species

Yellow-billed Cuckoo

The Yellow-billed Cuckoo is listed as a State Endangered Species. Despite playing taped calls of this species during June and July surveys, no individuals of this species were observed in 2001.

Southwestern Willow Flycatcher

This subspecies is listed under the Federal Endangered Species Act. Willow Flycatchers were once widespread in wet riparian woodland in southern California but now only a few individuals exist. Following the Revised Protocol (Fish And Wildlife Service, July 2000) five surveys were conducted specifically for Southwestern willow flycatcher. All surveys occurred between 6:00 and 10:00 am. and used taped calls to elicit a response if flycatchers were not first observed.

Two willow flycatchers were observed at locations shown on Figure 2. One was observed along Castaic Creek on June 7th and one was observed along the Santa Clara River between Bouquet Bridge and McBean Parkway on June 12th. Neither bird was singing or responded to tapes. Although these birds were in potential nesting habitat for this species, neither could be relocated on subsequent visits. Based on lack of singing and territorial defense, both observations are considered migrants passing through the area. The report forms required by the U.S. Fish and Wildlife Service Protocol for this species are attached to this report.

Least Bell's Vireo

Surveys of the wet riparian areas (Areas 1-3,5) followed U.S. Fish and Wildlife Service Guidelines for least Bell's vireo. Eight surveys were conducted between April 10 and July 31

(see Tables 1-3,5 for dates). All surveys occurred between 6:00 and 10:00 am. and taped vireo calls were played if no vireos were heard or seen. The only vireos observed were on the Santa Clara River at Castaic Junction in an extensive stand of willows. Vireos were heard in two locations (Figure 3, loc. 1,2) and were present throughout most of the study period.

The willow forest in which vireo sightings occurred is along the north side of the Santa Clara River in an area cut off from the main channel of the river by a dike created during the spring of 1998. The dike was designed to redirect the river away from the Old Road along the northeastern edge of the river channel, thus protecting it from further erosion. The willows that have developed in this section are now three years old and form an ideal habitat for least Bell's vireo. However, the dike that protects this area from flooding is slowly being destroyed by spring river floods.

Comments on Sensitive Species

Great Blue Heron

Great Blue Herons are listed on the California Natural Diversity Data Base as a species that warrants monitoring. Individuals of this species were observed sparingly along the river after the breeding season. No nesting was observed and herons were absent during the nesting season.

Great Egret

The Great egret is listed on the California Natural Diversity Data Base as a species that warrants monitoring. A few individuals were observed along the river during migration and after the breeding season.

White-tailed Kite

This species, formerly the Black-shouldered Kite, is considered a Species of Special Concern by the State of California. Kites were infrequently observed along the river and there was no evidence of nesting this year.

Cooper's Hawk

Cooper's Hawk is considered a Species of Special Concern by the State of California. Cooper's Hawks were observed rarely along the main river in 2000 and there was no evidence of successful nesting.

Prairie Falcon

The prairie falcon is considered a Species of Special Concern by the State of California. A single prairie falcon was observed along Castaic Creek on July 2nd and is considered a migrant passing through the area.

California Horned Lark

This is a California Special Concern species. Although none were observed nesting on the study site, horned larks are ground nesters that prefer bare hillsides and abandoned fields. A few were observed feeding on bare fields and construction areas along Castaic Creek

Yellow Warbler

The Yellow Warbler is considered a Species of Special Concern by the State of California. Yellow Warblers prefer wet riparian habitat but are also found in large cottonwoods in drier riparian areas. Singing yellow warblers were observed along the continuously wet sections of the survey area during nesting season, but were observed in other dry sections of the river only during migration.

Yellow-breasted Chat

The Yellow-breasted Chat is considered a Species of Special Concern by the State of California. A few chats nested along the wet sections of the Santa Clara River.

Tricolored Blackbird

The Tricolored Blackbird is a California Special Concern species and a Bird of Management Concern for the U.S. Fish and Wildlife Service. A few individuals, probably wintering birds, were observed in early April and a single individual, probably a returning migrant, was observed in July.

Southern California Rufous-crowned Sparrow

This species is considered a California Special Concern species by the Department of Fish and Game and is also a Federal Special Concern species. In late summer rufous-crowned sparrows were an uncommon visitor to the riparian zone from the surrounding coastal sage habitat where this species is a breeding resident.

Lawrence's Goldfinch

This species is a highest priority species on the Audubon Birds to Watch list for 1996 and is a Bird of Management Concern for the Fish and Wildlife Service. Although a species of the coastal sage, small flocks of this species visited the riparian zone of the Santa Clara River during early spring and summer.

Comments of Brown-headed Cowbirds

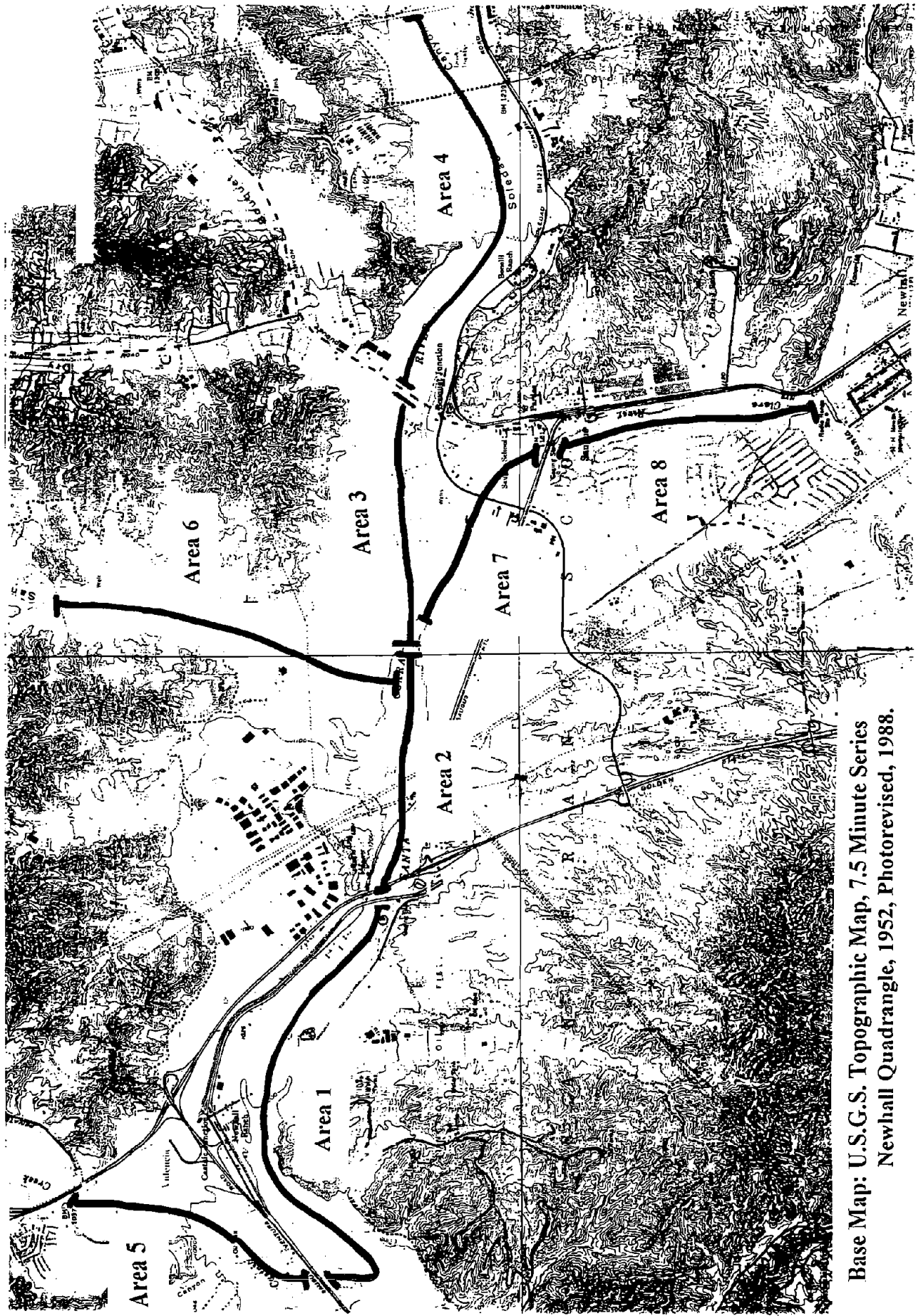
Although not a Species of Concern, comments about this species are warranted due to its influence on several endangered species. Cowbirds were regularly observed along all sections of the Santa Clara River, usually flying along the riparian corridor searching for either mates or potential nests to parasitize. Cowbird females often responded to taped calls of Least Bell's Vireo. Cowbird traps were operated throughout the study period between Bouquet Canyon Bridge and Interstate 5 (Sections 2 and 3). Numbers of cowbirds observed along these sections were normal in April but greatly diminished after late May. Numbers did not show much change along other sections where trapping did not occur.

Summary

No yellow-billed cuckoos were observed in 2001. Two individual southwestern willow flycatchers were observed but could not be relocated on subsequent surveys. This failure, and their behavior suggests that these were migrant birds passing through the area. Least Bell's vireos nested at Castaic Junction. This area was the site of nesting also in 2000.

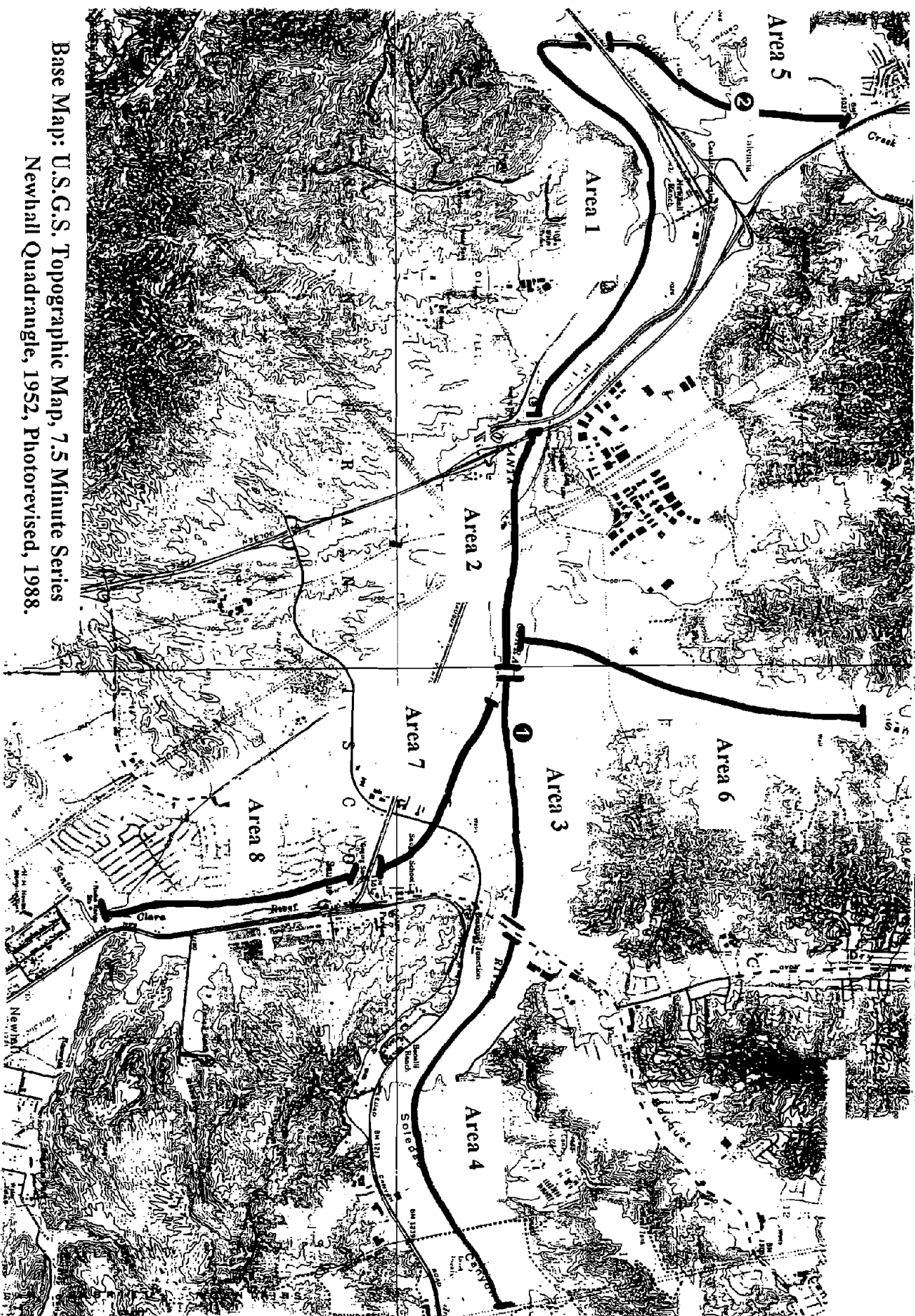
Two riparian Species of Concern, yellow warbler and yellow-breasted chat nested in small numbers along wet sections of the river. Other Species of Concern great blue heron, Cooper's Hawk, white-tailed kite, prairie falcon, horned lark, rufous-crowned sparrow, tricolored redwing and Lawrence's goldfinch visited the river sporadically but there was no evidence of nesting for any of these species. Cowbirds were numerous along the river and probably contributed to the small numbers of yellow warblers and least Bell's vireos observed.

Figure 1. Survey Areas along the Santa Clara River and Tributaries.



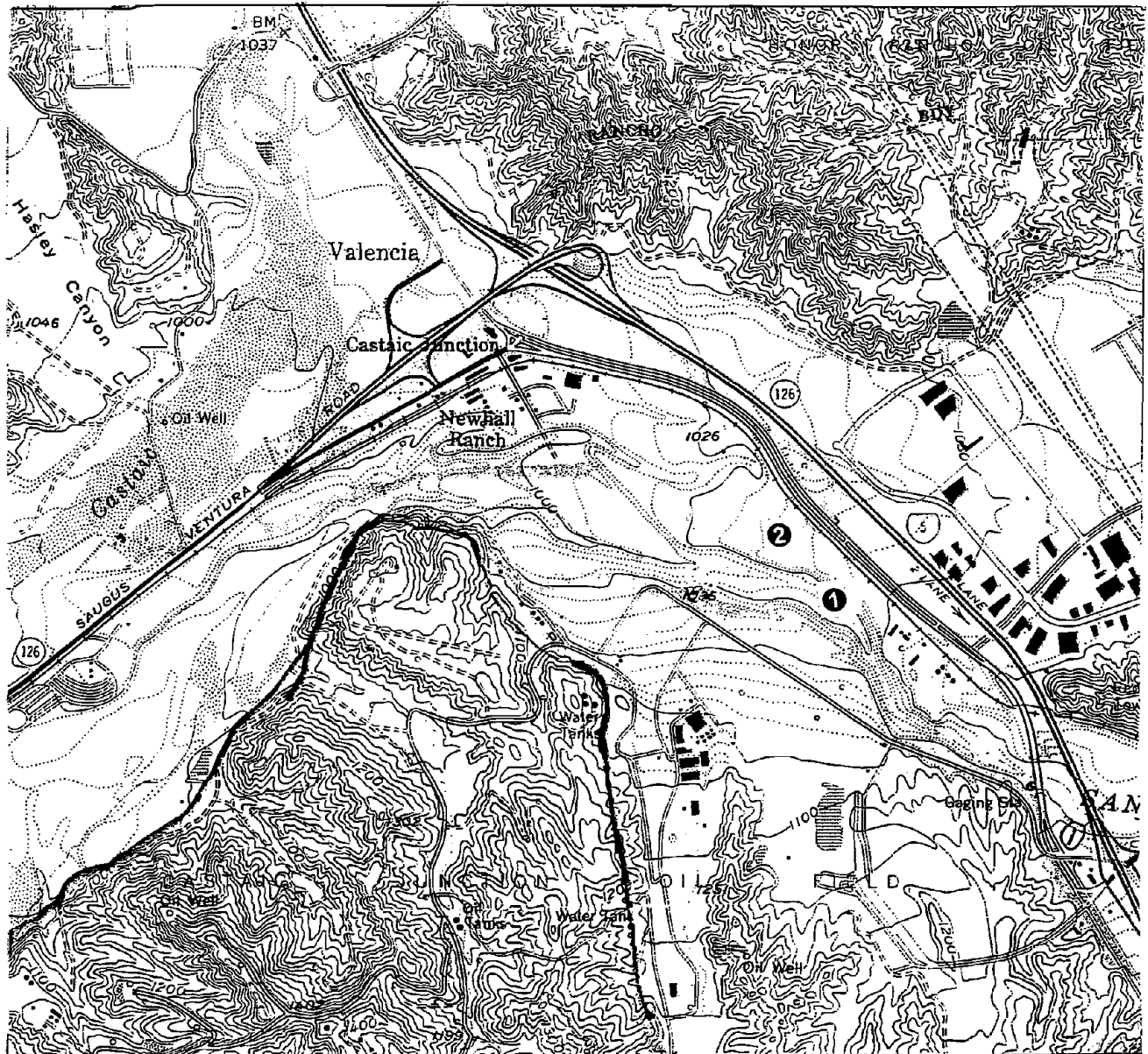
Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series
Newhall Quadrangle, 1952, Photorevised, 1988.

Figure 2. Southwestern willow flycatcher sightings during 2001. Each number represents locality of sighting.



Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series
Newhall Quadrangle, 1952, Photorevised, 1988.

Figure 3. Least Bell's Vireo sightings during 2001. Each number represents a locality of sighting.



**Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series
Newhall Quadrangle, 1952, Photorevised, 1988.**

Table 1. BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: Santa Clara River from Old Road to the Mouth of Castaic Creek.

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys							
		7-Apr	26-Apr	9-May	17-May	12-Jun	24-Jun	5-Jul	15-Jul
Great Blue Heron	m,w	0	0	0	0	0	0	1	0
Snowy Egret	m,w	0	4	1	0	0	0	0	0
Green Heron	r	0	2	2	2	0	4	5	1
American Bittern	m	1	0	0	0	0	0	0	0
Black-crowned Night-heron	m,w	0	0	1	0	0	0	0	0
Turkey Vulture	r	0	0	0	1	0	0	0	1
Mallard	r	2	7	14	6	2	0	0	0
Cinnamon Teal	m,w	0	2	0	0	0	0	0	0
White-tailed Kite	r	0	0	0	0	0	0	0	0
Cooper's Hawk	r	0	0	0	0	0	0	0	1
Red-shouldered Hawk	r	1	1	1	1	2	2	1	3
Red-tailed Hawk	r	0	1	3	3	1	2	2	2
American Kestrel	r	0	1	0	1	0	0	0	0
California Quail	r	2	19	22	20	12	2	58	42
Killdeer	r	0	11	17	19	11	6	27	2
Spotted Sandpiper	s	0	2	5	8	0	0	5	0
Rock Dove	r	0	0	0	0	6	0	0	0
Mourning Dove	r	4	14	6	16	7	13	24	22
Great Horned Owl	r	0	0	0	0	0	0	0	2
White-throated Swift	r	0	0	2	25	0	0	0	0
Black-chinned Hummingbird	s	0	0	1	0	0	1	8	3
Anna's Hummingbird	r	3	2	1	1	11	12	6	15
Costa's Hummingbird	s	0	0	0	0	0	0	3	2
Belted Kingfisher	m,w	1	1	0	0	0	0	0	0
Nuttall's Woodpecker	r	2	3	3	5	4	6	9	8
Downy Woodpecker	r	1	0	1	1	2	6	3	5
Hairy Woodpecker	r	0	0	0	1	1	3	2	2
Northern Flicker	r	0	0	0	1	0	1	0	0
Pacific Slope Flycatcher	s	0	0	0	1	0	0	0	0
Black Phoebe	r	1	0	1	1	4	4	13	5
Ash-throated Flycatcher	s	5	6	5	12	6	10	24	16
Western Kingbird	s	0	3	4	2	2	0	2	0
Belt's Vireo	s	1	0	0	0	2	2	1	0
Warbling Vireo	m	0	0	0	0	0	0	1	0
Western Scrub Jay	r	7	7	5	10	4	8	16	15
American Crow	r	10	4	7	2	16	10	21	14
Common Raven	r	3	6	2	5	10	5	5	15
N. Rough-winged Swallow	s	11	3	9	20	11	9	1	0
Cliff Swallow	s	40	45	90	77	34	9	3	22
Barn Swallow	s	0	0	0	0	0	2	5	0
Oak Titmouse	r	0	8	9	6	6	9	10	15
Bushtit	r	6	6	8	4	0	8	10	2
White-breasted Nuthatch	r	0	1	0	0	0	1	0	0
Bewick's Wren	r	16	26	25	17	18	41	25	20
House Wren	r	2	3	9	5	0	12	0	13

Table 1 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: Santa Clara River from Old Road to the Mouth of Castaic Creek.

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys							
		7-Apr	26-Apr	9-May	17-May	12-Jun	24-Jun	5-Jul	15-Jul
Phainopepla	r	0	0	0	1	0	0	3	3
Nashville Warbler	m,w	1	0	0	0	0	0	0	0
Yellow Warbler	s,m	4	2	3	2	8	6	4	1
Yellow-rumped Warbler	w,m	2	2	0	0	0	0	0	0
Common Yellowthroat	r	7	4	2	7	70	36	67	13
Wilson's Warbler	m	0	1	0	0	0	0	0	0
Yellow-breasted Chat	s	0	0	1	0	4	2	4	1
Western Tanager	m	0	2	0	0	0	0	0	0
Spotted Towhee	r	7	12	15	12	7	20	21	13
California Towhee	r	5	4	2	0	20	17	13	18
Rufous-crowned Sparrow	r	0	0	1	0	0	0	0	0
Lark Sparrow	r	0	0	0	0	0	1	2	0
Savannah Sparrow	w,m	20	0	0	0	0	0	0	0
Song Sparrow	r	44	50	92	76	84	54	144	76
White-crowned Sparrow	w,m	13	0	0	0	0	0	0	0
Black-headed Grosbeak	s	5	11	17	13	6	7	12	15
Blue Grosbeak	s	4	0	1	2	0	0	4	5
Lazuli Bunting	s	0	0	0	1	0	0	18	0
Red-winged Blackbird	s	8	0	0	5	26	3	12	0
Incorored Blackbird	s	0	0	0	0	0	0	1	0
Brewer's Blackbird	r	0	0	0	0	20	3	0	0
Great-tailed Grackle	s	0	0	0	0	0	2	0	0
Brown-headed Cowbird	s	15	17	10	6	10	7	22	5
Hooded Oriole	s	0	0	0	0	0	0	3	0
Bullock's Oriole	s	2	5	2	1	0	10	10	4
House Finch	r	16	4	5	6	18	38	10	52
Pine Siskin	w,m	0	16	0	0	0	0	0	0
Lesser Goldfinch	r	14	20	0	4	11	8	7	13
Lawrence's Goldfinch	r	0	0	0	0	2	0	0	0
American Goldfinch	w,m,r	0	21	0	0	5	2	0	0
House Sparrow	r	0	0	0	0	0	0	4	0

Status: m, migrant; r, resident; s, summer only; w, winter

Table 2. BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: Santa Clara River from McBean Highway to The Old Road.

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys							
		17-Apr	28-Apr	11-May	17-May	12-Jun	23-Jun	6-Jul	16-Jul
Great Blue Heron	m,w	0	0	0	0	1	0	0	0
Green Heron	r	0	0	0	1	2	0	0	0
Mallard	r	0	0	0	0	0	1	0	0
Red-shouldered Hawk	r	2	2	2	1	1	2	1	2
Red-tailed Hawk	r	1	1	2	0	1	1	3	2
California Quail	r	4	7	7	8	5	14	7	18
Killdeer	r	3	4	8	11	3	6	6	2
Rock Dove	r	0	0	0	14	4	0	0	0
Mourning Dove	r	12	10	14	13	9	12	15	14
Greater Roadrunner	r	0	0	1	0	0	0	0	0
Western Screech Owl	r	0	0	0	0	1	0	0	0
White-throated Swift	r	0	0	0	3	0	0	0	0
Black-chinned Hummingbird	s	0	0	2	0	0	1	0	1
Anna's Hummingbird	r	3	1	5	6	1	2	3	5
Costa's Hummingbird	s	0	1	1	0	0	0	0	1
Acorn Woodpecker	r	0	0	0	0	0	0	0	2
Nuttall's Woodpecker	r	2	4	9	3	6	3	2	8
Downy Woodpecker	r	3	3	5	3	5	1	3	6
Hairy Woodpecker	r	0	0	1	1	2	0	1	0
Western Wood-pewee	m	0	0	1	0	0	0	0	0
Black Phoebe	r	3	0	0	1	4	7	7	9
Say's Phoebe	r	0	0	0	0	0	0	0	1
Ash-throated Flycatcher	s	3	3	5	5	5	12	3	1
Western Kingbird	s	0	0	4	0	2	0	3	3
Western Scrub Jay	r	4	5	13	12	8	9	10	7
American Crow	r	14	3	9	8	14	7	4	2
Common Raven	r	2	4	8	10	2	10	0	2
Tree Swallow	s	0	0	0	3	0	0	0	0
Violet-green Swallow	s	0	0	0	2	0	0	0	0
N. Rough-winged Swallow	s	18	0	6	4	7	0	0	2
Cliff Swallow	s	106	8	14	33	24	4	16	20
Barn Swallow	s	1	0	0	0	0	0	0	2
Oak Titmouse	r	4	4	3	1	5	18	0	9
Bushtit	r	0	4	6	3	2	2	23	0
Bewick's Wren	r	24	26	35	20	28	32	11	16
House Wren	r	16	9	12	4	2	10	4	0
Western Bluebird	r	0	4	4	0	0	0	1	2
American Robin	r	0	0	1	0	0	0	0	0
Wrentit	r	0	2	0	0	0	3	0	0
California Thrasher	r	0	2	4	5	2	0	7	3
European Starling	r	14	10	16	19	10	6	29	6
Phainopepla	r	0	0	0	0	11	2	2	1
Orange-crowned Warbler	w,m	7	7	0	0	0	0	0	0
Yellow Warbler	sm	2	10	3	3	0	1	0	0

Table 2 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: Santa Clara River from McBean Highway to The Old Road.

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys							
		17-Apr	28-Apr	11-May	17-May	12-Jun	23-Jun	6-Jul	16-Jul
Lark Sparrow	r	0	0	0	0	0	0	0	2
Song Sparrow	r	67	66	88	62	34	34	54	11
Black-headed Grosbeak	s	1	3	6	8	5	4	5	2
Red-winged Blackbird	s	0	0	0	14	0	1	1	2
Brown-headed Cowbird	s	31	12	15	9	2	0	6	5
Bullock's Oriole	s	1	0	0	1	0	0	5	2
House Finch	r	16	4	25	8	6	25	38	116
Lesser Goldfinch	r	10	4	4	3	0	0	3	32
American Goldfinch	w,m,r	64	2	0	0	0	0	0	0

Status: m, migrant; r, resident; s, summer only; w, winter

Table 3. BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: Santa Clara River from Boquet Canyon Bridge to McBean Parkway Bridge

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys							
		17-Apr	26-Apr	11-May	17-May	12-Jun	23-Jun	6-Jul	16-Jul
Green Heron	r	1	0	0	0	0	0	0	0
Turkey Vulture	r	1	0	0	0	0	0	0	0
Mallard	r	0	0	2	2	2	0	0	9
Cooper's Hawk	r	1	0	0	0	1	1	0	0
Red-shouldered Hawk	r	0	0	0	0	0	1	0	0
Red-tailed Hawk	r	1	1	0	0	0	1	3	1
California Quail	r	0	10	12	16	8	21	0	4
Killdeer	r	5	7	7	3	6	6	10	4
Spotted Sandpiper	s	0	1	0	0	0	0	0	0
Rock Dove	r	0	13	3	3	0	0	8	0
Mourning Dove	r	9	10	11	10	7	15	14	27
Black-chinned Hummingbird	s	0	4	1	0	0	3	0	3
Anna's Hummingbird	r	2	2	3	5	5	7	6	4
Costa's Hummingbird	s	0	0	0	0	0	1	0	0
Nuttall's Woodpecker	r	4	3	2	4	2	0	3	2
Downy Woodpecker	r	4	1	2	0	0	0	3	4
Northern Flicker	r	0	0	1	2	1	0	0	0
Willow Flycatcher	m	0	0	0	0	1	0	0	0
Black Phoebe	r	2	3	1	2	1	2	10	8
Ash-throated Flycatcher	s	0	4	4	4	3	2	2	1
Western Kingbird	s	0	0	0	0	0	1	5	0
Western Scrub Jay	r	5	7	5	7	5	3	6	5
American Crow	r	0	1	1	2	2	1	4	1
Common Raven	r	31	23	14	10	24	84	19	27
N. Rough-winged Swallow	s	0	1	0	8	16	7	1	0
Cliff Swallow	s	0	5	50	22	28	8	45	16
Barn Swallow	s	0	2	0	0	2	1	1	3
Oak Titmouse	r	1	2	0	3	5	0	0	2
Bushtit	r	0	2	4	2	4	0	0	0
Bewick's Wren	r	17	18	8	13	17	3	7	1
House Wren	r	3	3	3	4	0	0	0	0
Western Bluebird	r	0	2	0	1	0	0	1	0
American Robin	r	2	0	0	0	0	0	0	0
Wrentit	r	0	0	0	1	1	3	0	0
Northern Mockingbird	r	1	0	0	0	0	0	0	0
California Thrasher	r	1	1	0	0	3	6	1	3
European Starling	r	22	3	0	3	2	0	30	18
Phainopepla	r	0	0	2	1	0	0	0	0
Orange-crowned Warbler	w,m	2	3	0	0	0	0	0	0
Yellow Warbler	s,m	0	4	2	1	1	0	0	0
Yellow-rumped Warbler	w,m	1	0	0	0	0	0	0	0
Common Yellowthroat	r	18	18	6	9	7	4	18	24
Wilson's Warbler	m	0	2	0	0	0	0	0	0
Western Tanager	m	0	1	0	1	0	0	0	0
Spotted Towhee	r	2	11	9	9	10	5	10	0
California Towhee	r	16	18	16	12	10	9	8	10

Table 3 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: Santa Clara River from Boquet Canyon Bridge to McBean Parkway Bridge

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys							
		17-Apr	26-Apr	11-May	17-May	12-Jun	23-Jun	6-Jul	16-Jul
Brown-headed Cowbird	s	13	12	11	7	3	5	5	2
Bullock's Oriole	s	0	4	1	1	0	0	0	1
Purple Finch	w,m	0	1	0	0	0	0	0	0
House Finch	r	18	12	2	21	14	24	28	51
Lesser Goldfinch	r	21	7	2	14	2	11	1	5
American Goldfinch	w,m,r	8	2	1	0	0	0	0	0
House Sparrow	r	0	0	0	1	0	0	0	2

Status: m, migrant; r, resident; s, summer only; w, winter

**Table 4. BIRD SURVEYS OF THE SANTA CLARA RIVER BASIN, 2001: Santa Clara River
from Boquet Canyon Bridge upstream for two miles.
Endangered Species and Species of Concern Shaded**

SPECIES	STATUS	Dates of Surveys				
		15-May	13-Jun	26-Jun	6-Jul	16-Jul
Mallard	r	0	2	0	0	0
Red-shouldered Hawk	r	0	1	0	1	0
Red-tailed Hawk	r	4	1	5	4	4
California Quail	r	21	25	25	15	16
Killdeer	r	4	14	13	4	0
Rock Dove	r	1	8	0	3	0
Mourning Dove	r	17	38	11	10	14
Greater Roadrunner	r	0	0	1	0	0
Black-chinned Hummingbird	s	0	1	0	0	0
Anna's Hummingbird	s	0	6	5	3	1
Costa's Hummingbird	s	0	0	1	1	0
Nuttall's Woodpecker	r	5	3	1	1	1
Northern Flicker	r	3	1	0	0	0
Black Phoebe	r	0	3	2	0	0
Say's Phoebe	r	0	0	2	0	0
Ash-throated Flycatcher	s	3	3	2	1	0
Western Kingbird	s	5	2	0	0	0
Western Scrub Jay	r	16	7	21	9	7
American Crow	r	0	0	0	4	1
Common Raven	r	2	7	6	6	4
N. Rough-winged Swallow	s	0	0	44	0	0
Cliff Swallow	s	0	0	18	0	6
Oak Titmouse	r	1	13	4	0	0
Bushtit	r	4	14	4	2	0
Bewick's Wren	r	28	6	18	2	6
Western Bluebird	r	2	4	2	0	0
Wrentit	r	0	5	6	2	3
Northern Mockingbird	r	5	6	15	13	6
California Thrasher	r	4	10	2	6	6
European Starling	r	0	18	0	0	0
Phainopepla	r	2	8	13	4	13
Common Yellowthroat	r	0	1	0	0	0
Wilson's Warbler	m	1	0	0	0	0
Spotted Towhee	r	8	5	19	10	6
California Towhee	r	8	15	22	5	2
Rufous-crowned Sparrow	r	0	0	9	0	0
Black-headed Grosbeak	s	0	0	8	0	1
Lazuli Bunting	s	0	0	1	0	0
Red-winged Blackbird	s	0	0	0	0	25
Brown-headed Cowbird	s	1	0	0	0	0
Bullock's Oriole	s	2	0	4	1	0
House Finch	r	19	30	68	16	11
Lesser Goldfinch	r	4	3	10	0	11
Lawrence's Goldfinch	r	0	0	5	0	0
House Sparrow	r	0	5	0	0	0

Status: m, migrant; r, resident; s, summer only

Table 5. BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: Castaic Creek from I-5 to the Santa Clara River

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys							
		14-Apr	24-Apr	7-May	18-May	7-Jun	27-Jun	2-Jul	13-Jul
Great Egret	m,w	0	1	0	0	0	0	0	0
Green Heron	r	0	1	0	0	0	0	0	0
Mallard	r	2	0	0	0	0	0	0	0
Copper's Hawk	r	0	0	0	0	1	0	0	0
Red-shouldered Hawk	r	2	1	0	1	1	0	1	0
Red-tailed Hawk	r	1	1	2	0	1	0	1	0
American Kestrel	r	0	0	0	0	0	1	0	0
Prairie Falcon	m	0	0	0	0	0	0	1	0
California Quail	r	9	37	22	52	25	158	51	35
Killdeer	r	0	2	0	4	0	0	0	3
Rock Dove	r	29	70	125	3	4	0	2	0
Mourning Dove	r	3	19	19	15	18	7	17	28
Greater Roadrunner	r	0	0	0	0	0	0	0	1
Barn Owl	r	1	0	0	0	0	0	1	0
Black-chinned Hummingbird	s	0	0	0	1	0	0	1	2
Anna's Hummingbird	r	6	4	5	7	5	3	10	11
Costa's Hummingbird	s	1	1	0	0	0	1	1	2
Nuttall's Woodpecker	r	4	5	2	5	3	3	4	8
Downy Woodpecker	r	3	3	2	3	1	3	4	8
Northern Flicker	r	0	0	0	0	0	0	4	0
Western Wood-pewee	m	0	0	0	1	0	0	0	0
Willow Flycatcher	m	0	0	0	0	1	0	0	0
Black Phoebe	r	1	1	1	2	0	0	0	3
Ash-throated Flycatcher	s	0	5	5	5	9	6	11	1
Cassin's Kingbird	s	1	0	1	0	0	0	4	0
Western Kingbird	s	0	0	0	0	4	1	11	0
Cassin's Vireo	m	1	0	0	0	0	0	0	0
Western Scrub Jay	r	10	7	10	10	6	12	15	16
American Crow	r	3	7	1	7	2	0	5	2
Common Raven	r	2	6	12	1	5	3	0	0
Homestead Lark	r	0	3	0	0	0	0	0	0
N. Rough-winged Swallow	s	9	68	60	123	50	62	13	9
Cliff Swallow	s	48	200	306	86	40	26	198	55
Barn Swallow	s	0	0	0	0	0	0	1	0
Oak Titmouse	r	8	1	5	4	10	10	42	11
Bushtit	r	7	13	12	4	0	21	43	17
Bewick's Wren	r	27	18	16	51	12	10	19	10
House Wren	r	5	10	3	0	0	2	0	0
American Robin	r	0	2	1	0	0	0	0	0
Wrentit	r	0	5	0	2	0	3	4	2
Northern Mockingbird	r	1	1	0	3	0	0	0	0
California Thrasher	r	3	2	2	5	2	4	3	8
European Starling	r	6	14	2	5	16	0	0	7
Phainopepla	r	0	0	0	2	0	0	0	1
Orange-crowned Warbler	w,m	16	1	0	0	0	0	0	0

Table 5 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: Castaic Creek from I-5 to the Santa Clara River

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys							
		14-Apr	24-Apr	7-May	18-May	7-Jun	27-Jun	2-Jul	13-Jul
Nashville Warbler	m	1	0	0	0	0	0	0	0
Yellow Warbler	s	1	2	3	7	3	1	1	0
Yellow-rumped Warbler	w,m	35	3	0	0	0	0	0	0
Common Yellowthroat	r	18	2	20	17	7	5	11	0
Wilson's Warbler	m	0	0	0	1	0	0	0	0
Yellow-breasted Chat	s	0	0	0	1	0	0	0	0
Western Tanager	m	1	0	0	0	0	0	0	0
Spotted Towhee	r	11	32	15	40	7	11	8	21
California Towhee	r	18	28	29	51	14	17	23	18
Song Sparrow	r	35	59	44	51	22	12	14	6
White-crowned Sparrow	w,m	16	0	0	0	0	0	0	0
Black-headed Grosbeak	s	8	5	8	13	5	11	13	19
Blue Grosbeak	s	1	1	1	0	0	0	3	2
Lazuli Bunting	s	0	0	0	0	3	0	0	0
Red-winged Blackbird	s	82	45	51	32	20	29	1	1
Brewer's Blackbird	r	0	1	0	0	0	0	0	0
Brown-headed Cowbird	s	10	8	18	12	7	9	7	4
Hooded Oriole	s	3	0	0	2	2	0	0	0
Bullock's Oriole	s	12	0	4	3	3	3	5	2
House Finch	r	5	9	6	15	8	4	4	27
Lesser Goldfinch	r	40	6	8	0	0	5	2	5
American Goldfinch	w,m,r	0	2	2	0	0	2	0	1
House Sparrow	r	0	2	0	1	0	0	0	2

Status: m, migrant; r, resident; s, summer only; w, winter

Table 6. BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: San Franciscquito Creek from Copper Hill Rd to the Santa Clara River.

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys				
		15-May	14-Jun	25-Jun	7-Jul	17-Jul
Green Heron	r	1	0	0	0	0
Red-shouldered Hawk	r	0	0	1	0	0
Red-tailed Hawk	r	2	1	2	0	0
California Quail	r	20	65	12	17	2
Killdeer	r	2	3	3	2	1
Rock Dove	r	0	3	1	0	0
Mourning Dove	r	14	49	28	17	2
Greater Roadrunner	r	0	0	0	0	1
Barn Owl	r	1	2	1	0	0
Black-chinned Hummingbird	s	1	1	1	2	2
Anna's Hummingbird	r	5	12	16	15	3
Costa's Hummingbird	s	1	0	5	0	0
Acorn Woodpecker	r	1	0	0	0	0
Nuttall's Woodpecker	r	1	12	13	9	4
Downy Woodpecker	r	0	0	3	0	0
Hairy Woodpecker	r	1	0	0	0	0
Black Phoebe	r	2	3	2	1	0
Say's Phoebe	r	1	0	1	0	0
Ash-throated Flycatcher	s	3	6	16	9	2
Western Kingbird	s	4	5	0	9	2
Western Scrub Jay	r	8	12	14	11	8
American Crow	r	1	0	14	8	0
Common Raven	r	8	12	7	11	2
N. Rough-winged Swallow	s	0	6	3	18	1
Cliff Swallow	s	6	25	22	29	0
Barn Swallow	s	0	2	0	3	0
Oak Titmouse	r	3	2	11	0	
Bushtit	r	6	2	44	7	0
Bewick's Wren	r	26	26	23	12	3
House Wren	r	9	0	0	0	0
Western Bluebird	r	2	4	4	5	0
Wrentit	r	1	0	0	0	2
Northern Mockingbird	r	3	3	4	1	0
California Thrasher	r	3	15	4	3	3
European Starling	r	3	4	6	0	0
Phainopepla	r	0	9	8	4	1
Yellow Warbler	sm	1	1	0	0	0
Common Yellowthroat	r	16	0	9	0	0
Spotted Towhee	r	33	27	44	14	8
California Towhee	r	31	52	39	9	12
Song Sparrow	r	31	22	15	2	4
Black-headed Grosbeak	s	8	4	0	4	0
Blue Grosbeak	s	0	0	0	0	1
Lazuli Bunting	s	0	5	0	0	2
Brewer's Blackbird	r	5	0	0	0	0

Table 6 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: San Franciscquito Creek from Copper Hill Rd to the Santa Clara River.

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys				
		15-May	14-Jun	25-Jun	7-Jul	17-Jul
Brown-headed Cowbird	s	3	0	2	0	0
Hooded Oriole	s	0	1	0	0	0
Bullock's Oriole	s	1	5	11	6	0
House Finch	r	18	96	52	72	35
Lesser Goldfinch	r	20	20	19	9	9
Lawrence's Goldfinch	r	0	0	0	0	0

Status: m, migrant; r, resident; s, summer only; w, winter

Table 7. BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: South Fork from rte 126 to McBean Crossing

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys				
		15-May	16-Jun	27-Jun	7-Jul	17-Jul
Great Blue Heron	m/w	0	0	0	1	0
Mallard	r	0	1	0	0	0
Red-tailed Hawk	r	2	0	2	2	0
American Kestrel	r	1	1	0	0	0
California Quail	r	11	0	1	2	4
Killdeer	r	1	0	1	5	2
Rock Dove	r	0	0	1	0	0
Mourning Dove	r	22	9	14	8	9
Black-chinned Hummingbird	s	1	0	0	0	1
Anna's Hummingbird	r	3	1	1	0	3
Costa's Hummingbird	s	1	0	0	0	0
Nuttall's Woodpecker	r	0	1	2	1	3
Downy Woodpecker	r	1	0	0	1	2
Black Phoebe	r	2	2	0	7	1
Say's Phoebe	r	2	0	0	0	0
Ash-throated Flycatcher	s	1	0	4	1	2
Western Kingbird	s	1	0	4	4	0
Western Scrub Jay	r	5	2	4	6	4
American Crow	r	4	0	0	4	0
Common Raven	r	16	3	8	1	3
N. Rough-winged Swallow	s	6	5	1	8	3
Cliff Swallow	s	5	5	3	0	4
Barn Swallow	s	0	0	0	0	1
Oak Titmouse	r	2	0	0	1	0
Bushtit	r	2	0	0	0	0
Bewick's Wren	r	7	4	7	3	4
Western Bluebird	r	2	0	0	0	0
Wrentit	r	1	0	0	0	0
Northern Mockingbird	r	5	0	2	4	1
California Thrasher	r	2	2	0	0	2
European Starling	r	6	4	6	6	2
Phainopepla	r	3	1	0	0	0
Yellow Warbler	s/m	4	0	0	0	0
Common Yellowthroat	r	0	2	0	0	0
Spotted Towhee	r	3	1	1	1	0
California Towhee	r	8	5	6	8	5
Song Sparrow	r	4	2	4	3	0
Red-winged Blackbird	s	0	0	0	33	1
Tricolored Blackbird	s	3	0	0	0	0
Brewer's Blackbird	r	5	1	3	0	2
Brown-headed Cowbird	s	3	0	1	0	0
Hooded Oriole	s	0	0	2	0	0
Bullock's Oriole	s	0	0	0	5	2
House Finch	r	28	16	20	11	16

Table 7 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: South Fork from rte 126 to McBean Crossing

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys				
		15-May	16-Jun	27-Jun	7-Jul	17-Jul
Lesser Goldfinch	r	2	0	3	0	0
House Sparrow	r	10	0	2	0	1

Status: m, migrant; r, resident; s, summer only; w, winter

Table 8. BIRDS OF THE SANTA CLARA RIVER BASIN, 2001: South Fork of the Santa Clara River from Route 126 upstream to Coyote Creek.

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys				
		15-May	16-Jun	22-Jun	7-Jul	17-Jul
Red-tailed Hawk	r	0	2	2	0	0
American Kestrel	r	1	0	0	0	0
California Quail	r	9	17	6	3	9
Killdeer	r	3	2	2	0	0
Mourning Dove	r	21	61	16	5	8
Black-chinned Hummingbird	s	1	0	1	0	0
Anna's Hummingbird	r	10	6	5	0	9
Costa's Hummingbird	s	0	1	2	0	0
Nuttall's Woodpecker	r	4	1	3	1	2
Downy Woodpecker	r	0	0	0	0	1
Black Phoebe	r	1	3	3	0	2
Ash-throated Flycatcher	s	3	0	1	0	0
Western Kingbird	s	2	1	0	0	0
Western Scrub Jay	r	11	6	4	7	9
American Crow	r	3	2	0	0	2
Common Raven	r	2	7	9	0	4
N. Rough-winged Swallow	s	6	3	0	0	1
Cliff Swallow	s	1	12	0	0	2
Oak Titmouse	r	2	1	3	0	2
Bushtit	r	10	8	0	4	5
Bewick's Wren	r	12	8	5	2	7
House Wren	r	3	0	0	0	0
Western Bluebird	r	0	0	1	0	0
Wrentit	r	1	0	0	0	0
Northern Mockingbird	r	8	6	2	5	3
California Thrasher	r	4	3	3	0	0
European Starling	r	11	3	2	0	1
Phainopepla	r	3	0	1	0	0
Yellow Warbler	s,m	6	0	0	0	0
Common Yellowthroat	r	1	1	2	0	0
Wilson's Warbler	m	1	0	0	0	0
Western Tanager	m	1	0	0	0	0
Spotted Towhee	r	2	3	2	0	1
California Towhee	r	19	20	20	1	10
Song Sparrow	r	7	0	2	4	0
Blue Grosbeak	s	0	0	2	0	0
Brown-headed Cowbird	s	6	0	0	0	0
Hooded Oriole	s	0	2	0	0	0
Bullock's Oriole	s	3	4	1	3	0
House Finch	r	61	24	52	14	30
Lesser Goldfinch	r	18	8	7	4	11
American Goldfinch	w,m,r	3	0	0	0	0
House Sparrow	r	23	45	2	3	0

Status: m, migrant; r, resident; s, summer only; w, winter

Comments (attach additional sheets if necessary):

Willow Flycatcher Survey and Detection Form (rev. 4/98)

Site Name SANTA CLARA R. ABOVE CASTAIC C.

Total Site No. _____

Was site surveyed in previous year? ☒ Yes ☐ No

Drainage SANTA CLARA R.

If yes, what site name was used? _____

County LOS ANGELES

State CA

USGS Quad Name NEWNAUL . CA

Is copy of USGS map marked with survey area and WIFL sightings attached (as required)? ☐ Yes ☐ No

Site Coordinates: Start: N _____ E _____ UTM _____

Stop: N _____ E _____ UTM _____

Zone _____

Elevation 1000 - 1300 FT (feet) meters (circle one)

**** Fill in additional site information on back of this page ****

Survey # Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, nest contents or number of fledges seen; potential threats)
<u>D GUTHRIE</u> <u>J SUGDEN</u>	Date <u>5/15-18</u> start <u>6-</u> stop <u>10-</u> total hrs <u>17</u>	0	0	0	N	Y	N	
<u>D GUTHRIE</u> <u>J SUGDEN</u>	Date <u>6/7-16</u> Start <u>6</u> Stop <u>10</u> total hrs <u>17</u>	2	0	0	N	Y	N	
<u>D GUTHRIE</u> <u>J SUGDEN</u>	Date <u>6/23-27</u> Start <u>6</u> Stop <u>10</u> total hrs <u>17</u>	0	0	0	N	Y	N	
<u>D GUTHRIE</u> <u>J SUGDEN</u>	Date <u>7/2-7</u> start <u>6</u> stop <u>10</u> total hrs <u>17</u>	0	0	0	N	Y	N	
<u>D GUTHRIE</u> <u>J SUGDEN</u>	Date <u>7/13-17</u> start <u>6</u> stop <u>10</u> total hrs <u>17</u>	0	0	0	N	Y	N	
Overall Site Summary (Total only resident WIFLs)		Adults	Pairs	Territories	Nests	Were any WIFLs color-banded? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Total survey hrs <u>85</u>		2	0	0	0	If yes, report color combination(s) in the comments section on back of form		

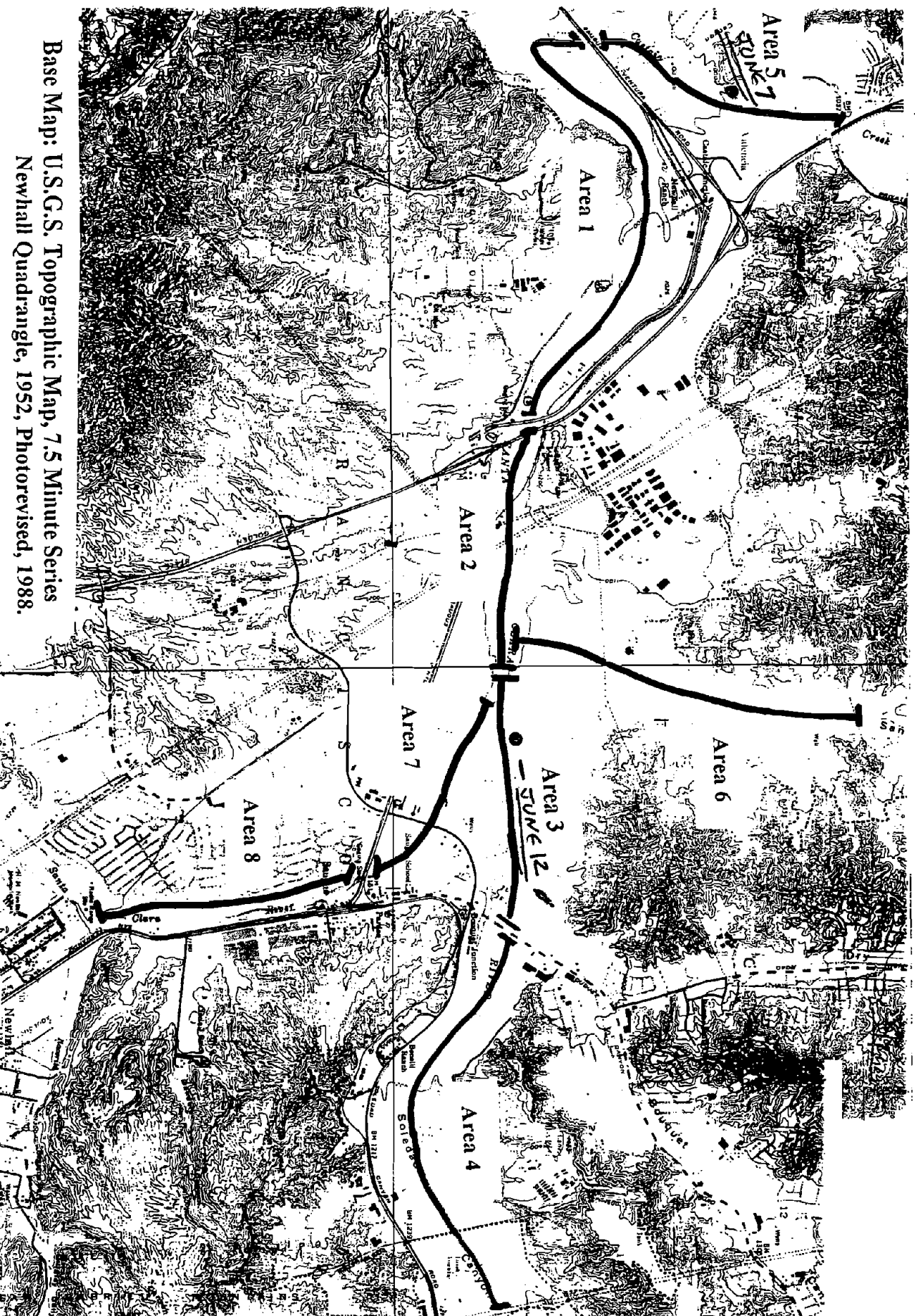
Name of Reporting Individual DAN GUTHRIE

Date Report Completed 7/31/01

Submit the original of this form. Retain a copy for your records.

Figure 1. Survey Areas along the Santa Clara River and Tributaries.

WILLOW RECONSTRUCTION
SIXTIES-2001



Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series
Newhall Quadrangle, 1952, Photorevised, 1988.

GENERIC SCAN FORM

BIRD SURVEYS 2001

SUBJECT:

PROJECT NAME:

(select all that apply)

- | | | |
|---|---|---|
| <input type="checkbox"/> Administration 78999900 | <input type="checkbox"/> Backbone Infrastructure Planning 78094000 | <input type="checkbox"/> Cal Trans ROW Sale 78094006 |
| <input type="checkbox"/> Chiquito Canyon Ten Map 78441000 | <input type="checkbox"/> Community Planning 78094001 | <input type="checkbox"/> Development Agreement 78091000 |
| <input type="checkbox"/> Earthwork Management 78094004 | <input checked="" type="checkbox"/> Environmental Permitting 78041000 | <input type="checkbox"/> Global Planning 78091000 |
| <input type="checkbox"/> Global Technology 78095000 | <input type="checkbox"/> Global Trails Planning 78051000 | <input type="checkbox"/> HOA Formation 78101000 |
| <input type="checkbox"/> Homestead Ten Map 78421000 | <input type="checkbox"/> I-5 Aesthetic 78094005 | <input type="checkbox"/> Library Planning 78061000 |
| <input type="checkbox"/> Long Canyon Ten Map 78601000 | <input type="checkbox"/> Marketing -P/R 78093000 | <input type="checkbox"/> Mesas Entertainment Ten Map 78511000 |
| <input type="checkbox"/> Mesas-East Ten Map 78521000 | <input type="checkbox"/> Mesas-West Ten Map 78531000 | <input type="checkbox"/> Nr SEIR Litigation 78204045 |
| <input type="checkbox"/> Oak Valley Ten Map 78801000 | <input type="checkbox"/> Potable Water System Design 78021000 | <input type="checkbox"/> Potrero Canyon Ten Map 78701000 |
| <input type="checkbox"/> Preliminary Cost Est. 78092000 | <input type="checkbox"/> R.V. Tentative Map 78411000 | <input type="checkbox"/> Reclaimed Water Sys 78025000 |
| <input type="checkbox"/> Record Map PM 124500 78094002 | <input type="checkbox"/> River Village 78410000 | <input type="checkbox"/> Sanitation District Formation 78031000 |
| <input type="checkbox"/> Sewer Capacity Study 78033000 | <input type="checkbox"/> Tentative Map Oak Valley 78801000 | <input type="checkbox"/> Transportation Funding 78094003 |
| <input type="checkbox"/> Transportation Planning 78094007 | <input type="checkbox"/> Water Reclamation Plant 78032000 | <input type="checkbox"/> Westridge Fed Litigation 78101015 |

09, 14, 01

DATE:

Dan Guthrie

VENDOR NAME:

Document Type:

(select one)

- | | | | | |
|---|------------------------------------|--|---------------------------------------|---------------------------------|
| <input type="checkbox"/> Correspondence | <input type="checkbox"/> E-mail | <input type="checkbox"/> Minutes | <input type="checkbox"/> Newspaper | <input type="checkbox"/> Notes |
| <input type="checkbox"/> Promotional Material | <input type="checkbox"/> Schedules | <input type="checkbox"/> Trade Publication | <input type="checkbox"/> Transmittals | <input type="checkbox"/> Other* |

SURVEY

*If other please write the new document type, on the above line:

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DISCRIPTION (keywords that would help in the search):

BIRD SURVEYS, CASTAIC CREEK, UPSTREAM

MARIC SUBBOTIN

OWNER OF DOCUMENTS and DEPARTMENT NUMBER: