
**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, 2003" (July 28, 2003; 2003A)**

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2003

**BIRD SURVEYS ALONG A PORTION OF THE
SANTA CLARA RIVER AND ITS TRIBUTARIES
UPSTREAM FROM THE CASTAIC CREEK CONFLUENCE,
NEAR VALENCIA, CALIFORNIA, 2003**

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

July 28, 2003

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Bird Surveys along a Portion of the Santa Clara River Upstream from the Castaic Creek Confluence, near Valencia, California, 2003

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Nature and Scope of Surveys

During the spring and early summer of 2003 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, at least 10 days apart.

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 underwent severe flooding during late winter and early spring. The result was scouring of all existing wet riparian vegetation which was absent for most of the survey period. Only in early July were new plants becoming established. Annual plants were well developed in April but by mid May had mostly died under dry conditions.

The early heavy rains provided enough ground water flow to support lush growth in the dry riparian perennial trees. This was in sharp contrast to the near lack of annual plant undergrowth.

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.

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 the upper portion of this section, wet riparian vegetation forms a narrow strip along the main channel of the Santa Clara River. This section was little damaged by spring flooding. The extensive willow riparian zone near Magic Mountain and along the agricultural fields north of the river also was not damaged. Scouring did occur further downstream towards the mouth of Castaic Creek. Least Bell's vireos nested near Castaic Junction and white-tailed kite nested in the dry woodlands towards 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.

There was heavy scouring of the channel by winter flooding with the result that little wet riparian vegetation was present during most of the survey period. 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.

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 and suburban development along the north side of the Santa Clara River. Spring flooding eliminated almost all wet riparian vegetation. A small cattail marsh at the Saugus wastewater outfall survived and was the site of redwing blackbird nesting.

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.

Rufous-crowned sparrows, resident on hillsides along the river, were observed once in the stream channel. Aside from migrants, most of the other 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. Except for pockets of wet vegetation formed near irrigation runoff channels, and remnant puddles from spring water releases near the middle and lower part 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. Cliff and rough-winged 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. A single vireo was observed in July. The late date of this observation and lack of earlier sightings in the area suggests that the bird was a post-breeding juvenile.

Area 6 (Table 6). San Francisquito Creek; Santa Clara River upstream to Copper Hill Drive Crossing.

Length of section, 2.5 miles. Along most of this section the riparian zone consists of a broad sandy channel. In the upper part of this section the creek is bordered by land undergoing development. Coastal sage scrub plants occur within the channel as do sections of dry riparian

woodland consisting mostly of cottonwoods. Although some water releases from upstream dams occurred during the winter months, no water was present during the survey period except along short sections due to suburban runoff at Copper Hill and at the Decoro Drive crossings. A single willow flycatcher was observed near the top of this section on July 2nd. The bird appeared to be a young of the year and was probably a post-nesting migrant. Despite a thorough search, this bird could not be found on a subsequent visit. Barn owls nested under the Copper Hill bridge and a Cooper's hawk nested about ½ mile south of the Copper Hill crossing.

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 at each side of the channel and a few pockets of wet vegetation supported by runoff from adjacent development. No flooding occurred on the South Fork and perennial vegetation showed good development thanks to spring rains. The cattail marsh near the confluence with the main channel of the Santa Clara river was soured by spring floods and no new growth occurred during the study period.

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 2003.

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.

Three willow flycatchers were observed during 2003 (Figure 2). Two birds were found early in the migration period for this species, one on Castaic Creek and one along the main river near Castaic Junction. Neither bird could be found on subsequent visits. A third bird was found along San Francisquito Creek (Fig. 2), on July 2nd. This bird was not in typical habitat. It was fly-catching from a plastic barrier fence separating the dry sandy river channel from coastal sage scrub. It was in company with a black phoebe and appeared to be an immature bird. It did not call. It is believed that this bird was a young of the year migrating through the area. Despite attempts on a subsequent visit this bird could not be relocated. Lacking any evidence of nesting, these observations of willow flycatchers cannot be positively identified as belonging to the southwestern form of willow flycatcher.

Willow flycatchers are fairly common migrants through southern California and most of the migrants are believed to be of the common subspecies of willow flycatcher, *E. t. brewsteri*, which breeds throughout southern Canada and the northern United States, rather than representatives of the southwestern subspecies. Southwestern willow flycatchers are positively identified primarily by nesting within the geographic area of their range or by measurements of in hand specimens.

The report forms required for this species are attached and will be forwarded to the Ventura Office of the U.S. Fish and Wildlife Service.

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. Vireos were regularly observed along the Santa Clara River at Castaic Junction in an extensive stand of willows. Vireos were regularly heard in at least 4 locations within area A (Figure 3) through May and June and thought to represent four nesting pairs. Three additional birds were heard and observed on June 22nd downstream from these birds but within area A. These birds are thought to be young of the year. An observation of a single bird in the same area on July 15th is also suspected to have been a young of the year. These birds did not sing very well, appeared to be juveniles, and could not be refound on subsequent visits. Along Castaic Creek a single bird observed on April 17th could not be refound in May and June. This bird is considered a migrant.

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. A single heron was seen on Castaic Creek June 12th, and a single bird was seen west of McBean Parkway on June 10th and 22nd. No nesting was observed

Great Egret

The great egret is listed on the California Natural Diversity Data Base as a species that warrants monitoring. A single individual was near Castaic Junction on April 17, April 29 and May 15. There was no evidence of breeding.

White-tailed Kite

This species, formerly the black-shouldered kite, is considered a Species of Special Concern by the State of California. A pair of kites nested near the railroad bridge between the McBean crossing and Interstate 5 and a second pair nested in the dry riparian woodland near Travel Village west of Castaic Junction.

Cooper's Hawk

Cooper's hawk is considered a Species of Special Concern by the State of California. A Cooper's Hawk nested along San Francisquito Creek a little below the Copper Hill Crossing. Single sightings of Cooper's hawks occurred on the upper section of the Santa Clara River and more regularly along Castaic Creek where they may also have nested.

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

Loggerhead Shrike

This is a California Special Concern species. Shrikes are resident in the coastal sage scrub areas adjacent to the Santa Clara River. A single observation on July 14 between Bouquet Canyon Crossing and McBean parkway along the river appeared to be a young individual visiting the riparian zone from the coastal sage habitat.

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 throughout the survey period along sections 1, 2 (main river from McBean Parkway to Castaic Creek) and 5 (Castaic Creek). Observations in sections 3, 6 and occurred only during the migration period.

Yellow-breasted Chat

The yellow-breasted chat is considered a Species of Special Concern by the State of California. Chats were observed throughout the survey period along the Santa Clara river between the Old Road and the mouth of Castaic Creek. Two observations of single birds along nearby Castaic Creek may have been visitors from this area.

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. A few birds visited the the river channel near Castaic Junction and a mile above the Bouquet Canyon Rd crossing. In both areas there is extensive coastal sage habitat adjacent to the river in which this species breeds.

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. Small numbers of this species were observed along Castaic Creek and along the Santa Clara river between the mouth of Castaic Creek and the McBean Parkway bridge. This species is a resident in coastal sage habitat

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 just north of the Valencia Wastewater outfall (section 1).

Summary

No yellow-billed cuckoos were observed in 2003. Three willow flycatchers were observed, two during migration and one late in the season. Based on the behavior and appearance of these bird, they are thought to be migrants and a young of the year post-nesting migrant. None could be relocated on subsequent surveys. It is not known which subspecies these birds represented. Up to four pairs of Least Bell's vireos were regularly observed at Castaic Junction. Additional individuals of this species observed late in the season are thought to have been young of the year.

Three riparian Species of Concern, Cooper's hawk, yellow warbler and yellow-breasted chat nested in small numbers along wet sections of the river. Other Species of Concern include two migrant or wintering species; great blue heron and great egret and four visitors from nearby coastal sage scrub habitat; horned lark, loggerhead shrike, rufous-crowned sparrow, and Lawrence's goldfinch. Cowbirds were numerous along the river and probably contributed to the small numbers of yellow warblers and least Bell's vireos observed.

Table 1. BIRDS OF THE SANTA CLARA RIVER BASIN, 2003: Santa Clara River from Old Road downstream to the mouth of Castaic Creek.			

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Table 1.(cont.) BIRDS OF THE SANTA CLARA RIVER BASIN, 2003: Santa Clara River from Old Road downstream to the mouth of Castaic Creek.

Endangered Species and Species of Concern Shaded				Dates of Surveys						
SPECIES	STATUS	4/17	4/29	5/15	5/29	6/10	6/22	7/3	7/14	
Bewick's Wren	r	37	53	86	49	52	62	31	57	
House Wren	r	7	20	22	10	12	15	0	12	
Western Bluebird	r	2	10	4	4	2	10	3	3	
Wrentit	r	0	0	1	0	7	13	1	22	
California Thrasher	r	2	3	5	9	9	11	10	6	
European Starling	r	5	4	7	6	30	32	0	1	
Cedar Waxwing	w,m	0	0	3	0	0	0	0	0	
Phainopepla	r	0	0	1	0	1	0	3	4	
Orange-crowned Warbler	m	1	0	0	0	0	0	0	0	
Yellow Warbler	s,m	5	8	9	5	2	4	1	5	
Yellow-rumped Warbler	w,m	5	0	0	0	0	0	0	0	
Common Yellowthroat	r	12	14	34	3	25	44	62	67	
Wilson's Warbler	m	1	18	9	0	0	0	0	0	
Yellow-breasted Chat	s	4	1	1	3	2	4	2	5	
Spotted Towhee	r	23	26	15	22	21	29	3	17	
California Towhee	r	27	96	34	19	16	23	28	12	
Rufous-crowned Sparrow	r	0	1	0	0	0	0	0	0	
Lark Sparrow	r	0	0	0	0	0	1	6	12	
Song Sparrow	r	116	98	66	60	40	115	178	200	
Black-headed Grosbeak	s	11	11	16	4	11	17	11	38	
Blue Grosbeak	s	1	3	1	2	2	1	5	3	
Lazuli Bunting	s	0	0	1	0	0	0	18	16	
Red-winged Blackbird	s	10	6	20	16	16	171	7	1	
Great-tailed Grackle	s	0	0	0	1	0	0	0	0	
Brown-headed Cowbird	s	0	7	18	8	4	12	16	19	
Hooded Oriole	s	0	0	0	0	0	1	4	0	
Bullock's Oriole	s	1	5	2	1	3	8	5	0	
House Finch	r	7	24	7	11	6	96	40	17	
Lesser Goldfinch	r	7	9	7	1	1	8	2	10	
Lawrence's Goldfinch	r	0	3	0	0	0	0	0	0	
American Goldfinch	w,m,r	0	0	1	0	0	0	0	0	
Status: m, migrant; r, resident; s, summer only; w, winter										

Table 2. BIRDS OF THE SANTA CLARA RIVER BASIN, 2003: Santa Clara River from McBean Highway to The Old Road.					
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Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	4/17	4/29	Dates of Surveys					
				5/15	5/29	6/10	6/22	7/3	7/14
Yellow-rumped Warbler	w,m	1	1	0	0	0	0	0	0
Common Yellowthroat	r	2	1	2	3	1	3	2	2
Wilson's Warbler	m	0	1	0	0	0	0	0	0
Spotted Towhee	r	2	4	6	6	6	12	6	5
California Towhee	r	2	7	2	8	8	8	4	8
Song Sparrow	r	26	28	36	32	32	29	20	14
Black-headed Grosbeak	s	3	7	4	4	3	4	7	2
Red-winged Blackbird	s	0	0	0	8	1	1	0	0
Brown-headed Cowbird	s	0	1	1	0	1	2	1	1
Bullock's Oriole	s	0	0	0	0	0	0	1	2
House Finch	r	23	8	3	9	0	15	15	22
Lesser Goldfinch	r	0	0	0	0	0	0	0	2
Lawrence's Goldfinch	r	0	0	0	0	0	0	2	0
American Goldfinch	w,m,r	10	0	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, 2003: Santa Clara River from Boquet Canyon Bridge to McBean Parkway Bridge			

Endangered Species and Species of Concern Shaded				Dates of Surveys					
SPECIES	STATUS	4/17	4/29	5/15	5/29	6/10	6/27	7/3	7/14
Snowy Egret	m	0	0	0	0	0	0	0	1
Mallard	r	0	0	0	1	0	0	0	0
Red-tailed Hawk	r	1	1	1	1	0	0	1	1
California Quail	r	0	2	4	0	0	6	2	0
Black-necked Stilt	m	0	0	0	0	0	0	1	0
Killdeer	r	0	6	4	6	6	5	14	10
Rock Dove	r	0	0	0	1	0	1	0	0
Mourning Dove	r	3	5	6	3	8	9	7	8
Greater Roadrunner	r	0	0	0	1	0	0	0	0
Black-chinned Hummingbird	s	0	0	1	0	0	0	0	0
Anna's Hummingbird	r	3	0	2	1	0	0	1	3
Nuttall's Woodpecker	r	0	0	1	2	1	1	1	1
Downy Woodpecker	r	0	0	0	1	0	0	0	0
Say's Phoebe	r	0	0	0	1	0	0	0	0
Black Phoebe	r	3	2	5	3	4	2	3	6
Ash-throated Flycatcher	s	0	2	1	3	2	0	0	0
Warbling Vireo	m	0	1	0	0	0	0	0	0
Western Scrub Jay	r	3	13	2	0	4	4	7	6
American Crow	r	0	0	2	0	0	0	0	2
Common Raven	r	10	11	8	4	4	6	10	14
N. Rough-winged Swallow	s	0	4	2	2	0	0	0	0
Cliff Swallow	s	0	25	8	25	36	28	6	59
Bushtit	r	2	8	8	4	5	3	0	0
Bewick's Wren	r	14	4	7	10	11	5	5	7
House Wren	r	0	0	1	0	0	0	0	0
Western Bluebird	r	0	0	0	0	0	0	0	1
Northern Mockingbird	r	1	4	4	3	3	1	6	1
California Thrasher	r	0	1	0	2	0	1	1	0
European Starling	r	1	0	0	31	0	5	0	0
Loggerhead Shrike	r	0	0	0	0	0	0	0	1
Yellow Warbler	s,m	0	1	4	0	0	0	0	0
Common Yellowthroat	r	2	3	1	2	3	3	0	2
Wilson's Warbler	m	0	2	0	0	0	0	0	0
Spotted Towhee	r	4	4	6	3	1	6	3	0
California Towhee	r	5	4	4	10	6	6	2	2
Song Sparrow	r	22	16	16	26	20	14	5	4
Black-headed Grosbeak	s	0	1	3	2	0	1	1	0
Red-winged Blackbird	r	0	0	0	1	2	12	25	1
Brewer's Blackbird	r	0	0	0	1	0	0	0	0
Brown-headed Cowbird	s	0	0	2	0	0	1	0	1
House Finch	r	18	7	14	7	31	11	19	13
Lesser Goldfinch	r	5	0	0	0	0	0	0	0
American Goldfinch	w,m,r	14	0	2	0	0	0	0	0

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

Table 4. BIRD SURVEYS OF THE SANTA CLARA RIVER BASIN, 2003: Santa Clara River from Boquet Canyon Bridge upstream for two miles.			
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Endangered Species and Species of Concern Shaded				Dates of Surveys			
SPECIES	STATUS	5/19	6/4	6/16	6/26	7/1	7/11
Cooper's Hawk	r	0	0	0	0	1	0
Red-tailed Hawk	r	2	2	0	0	1	0
American Kestrel	r	0	1	0	0	1	0
California Quail	r	27	19	6	4	9	6
Killdeer	r	1	0	1	0	0	0
Rock Dove	r	0	8	0	0	0	0
Mourning Dove	r	18	60	16	13	10	16
Black-chinned Hummingbird	s	6	1	0	0	0	0
Anna's Hummingbird	s	5	6	2	3	3	3
Costa's Hummingbird	s	0	1	0	0	1	0
Nuttall's Woodpecker	r	8	5	2	1	1	1
Say's Phoebe	r	0	2	0	0	0	1
Ash-throated Flycatcher	s	1	0	0	0	0	0
Western Kingbird	s	2	5	0	0	0	0
Western Scrub Jay	r	15	4	13	7	14	8
Common Raven	r	9	8	2	3	8	2
N. Rough-winged Swallow	s	2	5	0	0	1	0
Cliff Swallow	s	3	7	0	0	0	0
Oak Titmouse	r	1	0	3	0	0	0
Bushtit	r	9	0	2	3	0	0
Bewick's Wren	r	50	24	6	6	8	3
House Wren	r	4	0	3	0	0	0
Western Bluebird	r	3	0	3	0	0	0
Wrentit	r	5	12	2	3	2	1
Northern Mockingbird	r	10	12	14	12	9	10
California Thrasher	r	2	2	2	1	0	0
European Starling	r	2	15	1	0	0	1
Phainopepla	r	5	7	2	2	4	3
Common Yellowthroat	r	2	0	0	0	0	0
Wilson's Warbler	m	2	0	0	0	0	0
Summer Tanager	s	1	0	0	0	0	0
Spotted Towhee	r	6	11	5	4	2	2
California Towhee	r	15	21	19	9	11	8
Rufous-crowned Sparrow	r	0	9	0	0	0	0
Black-headed Grosbeak	s	0	0	2	0	0	0
Lazuli Bunting	s	1	0	0	0	0	0
Red-winged Blackbird	s	0	8	0	0	0	0
Brown-headed Cowbird	s	2	0	0	0	0	0
Bullock's Oriole	s	0	10	2	3	2	0
House Finch	r	38	39	8	13	14	4
House Sparrow	r	0	1	0	0	0	0
Status: m, migrant; r, resident; s, summer only							

Table 5. BIRDS OF THE SANTA CLARA RIVER BASIN, 2003: Castaic Creek from I-5 to the Santa Clara River						

Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	4/17	5/1	Dates of Surveys				7/4	7/13
				5/18	6/2	6/12	6/23		
Great Blue Heron	m.w	0	0	0	0	1	0	0	0
Green Heron	r	0	1	0	0	0	0	0	0
Mallard	r	0	0	1	0	0	0	0	0
Cooper's Hawk	r	0	1	1	0	0	0	0	0
Red-shouldered Hawk	r	1	0	0	0	0	0	2	0
Red-tailed Hawk	r	2	2	2	1	3	3	3	1
American Kestrel	r	2	1	1	1	4	0	0	0
California Quail	r	33	32	19	17	15	12	53	30
Killdeer	r	3	6	2	3	3	3	5	0
Rock Dove	r	180	15	2	0	6	5	7	8
Collared Dove	r	3	0	0	0	0	0	0	0
Mourning Dove	r	52	47	9	13	24	18	24	10
Barn Owl	r	0	0	0	0	0	2	0	0
Black-chinned Hummingbird	s	0	0	0	0	1	2	2	6
Anna's Hummingbird	r	5	5	22	4	5	6	8	11
Costa's Hummingbird	s	0	0	0	1	1	2	1	2
Nuttall's Woodpecker	r	4	5	3	7	1	9	5	13
Downy Woodpecker	r	1	0	0	0	3	6	6	8
Hairy Woodpecker	r	0	2	1	2	0	0	0	0
Northern Flicker	r	0	2	0	0	0	0	0	0
Willow Flycatcher	m	0	0	1	0	0	0	0	0
Black Phoebe	r	0	0	1	4	4	3	2	0
Ash-throated Flycatcher	s	8	2	5	7	6	6	6	6
Western Kingbird	s	0	0	2	3	8	1	2	2
Least Bell's Vireo	s	1	0	0	0	0	0	0	2
Western Scrub Jay	r	13	19	13	18	17	17	32	23
American Crow	r	1	0	0	0	0	0	0	0
Common Raven	r	3	10	8	4	6	12	14	19
Horned Lark	r	0	0	0	0	4	0	0	0
N. Rough-winged Swallow	s	7	6	7	3	6	6	18	3
Cliff Swallow	s	600	387	300	133	310	259	92	52
Barn Swallow	s	2	0	0	0	2	0	0	0
Oak Titmouse	r	2	2	0	3	4	22	19	10
Bushtit	r	0	13	4	7	6	16	19	45
Bewick's Wren	r	33	36	21	16	25	18	30	35
House Wren	r	3	0	0	0	0	0	0	0
Western Bluebird	r	0	0	0	0	7	1	2	1
Swainson's Thrush	s	0	0	0	1	0	0	0	0
Wrentit	r	0	1	4	5	2	6	10	0
Northern Mockingbird	r	0	0	0	2	1	1	2	0
California Thrasher	r	3	4	3	2	5	5	5	4
European Starling	r	7	6	1	1	18	4	0	0
Cedar Waxwing	w	0	0	125	0	0	0	0	0

[illegible]

Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	4/17	5/1	Dates of Surveys			6/23	7/4	7/13
				5/18	6/2	6/12			
Phainopepla	r	0	0	0	1	0	0	0	0
Yellow Warbler	s	4	6	3	2	0	0	0	0
Yellow-rumped Warbler	w,m	2	5	0	0	0	0	0	0
Black-throated Gray Warbler	m	0	1	0	0	0	0	0	0
Common Yellowthroat	r	6	9	3	3	2	3	2	6
Wilson's Warbler	m	1	13	3	0	0	0	0	0
Yellow-breasted Chat	s	0	1	0	0	1	0	0	0
Western Tanager	m	0	2	2	0	0	0	0	0
Spotted Towhee	r	25	28	8	15	24	22	14	18
California Towhee	r	30	35	14	18	30	36	21	28
Lark Sparrow	r	0	0	1	0	0	0	0	0
Song Sparrow	r	25	33	17	12	16	24	7	5
Black-headed Grosbeak	s	4	11	12	5	3	10	6	7
Blue Grosbeak	s	2	2	0	0	3	0	0	0
Lazuli Bunting	s	0	3	0	0	0	0	0	0
Red-winged Blackbird	s	16	6	10	1	16	7	3	0
Brown-headed Cowbird	s	11	7	13	5	7	4	5	2
Hooded Oriole	s	0	1	0	0	1	0	0	1
Bullock's Oriole	s	0	1	3	1	2	2	5	1
House Finch	r	31	4	14	3	6	14	6	40
Lesser Goldfinch	r	1	2	0	1	0	0	0	0
Lawrence's Goldfinch	r	0	2	0	0	0	0	0	0
House Sparrow	r	6	3	4	3	4	2	6	1
Status: m, migrant; r, resident; s, summer only; w, winter									

Table 6. BIRDS OF THE SANTA CLARA RIVER BASIN, 2003: San Franciscquito

Creek from Santa Clara River to Copper Hill Drive.

Endangered Species and Species of Concern Shaded

SPECIES	STATUS	Dates of Surveys					
		5/26	6/6	6/17	6/27	7/2	7/10
White-tailed Kite	r	0	0	0	2	0	0
Cooper's Hawk	r	0	0	1	0	0	3
Red-shouldered Hawk	r	0	0	0	1	0	0
Red-tailed Hawk	r	2	3	0	1	1	0
American Kestrel	r	1	3	1	0	0	0
California Quail	r	16	4	18	12	6	10
Killdeer	r	10	2	3	0	2	0
Mourning Dove	r	30	45	46	34	18	38
Barn Owl	r	2	1	1	0	1	1
Anna's Hummingbird	r	10	3	2	8	6	5
Costa's Hummingbird	s	0	0	1	1	1	1
Nuttall's Woodpecker	r	7	8	4	7	2	8
Northern Flicker	r	0	0	1	0	0	0
Willow Flycatcher	m	0	0	0	0	1	0
Say's Phoebe	r	0	0	1	0	2	3
Black Phoebe	r	1	0	2	1	2	3
Ash-throated Flycatcher	s	7	4	3	2	2	2
Western Kingbird	s	2	4	5	6	8	4
Western Scrub Jay	r	12	6	6	9	11	9
American Crow	r	0	1	5	2	0	7
Common Raven	r	7	10	35	7	4	12
N. Rough-winged Swallow	s	0	2	0	0	2	0
Cliff Swallow	s	6	6	5	10	10	25
Barn Swallow	s	1	2	0	1	1	2
Oak Titmouse	r	1	5	2	2	0	2
Bushtit	r	4	3	4	4	0	0
Bewick's Wren	r	18	15	11	8	6	6
Hoiuse Wren	r	0	0	0	0	0	2
Western Bluebird	r	1	4	3	6	2	3
Wrentit	r	0	0	0	0	1	0
Northern Mockingbird	r	10	7	10	7	10	8
California Thrasher	r	3	3	1	0	1	1
European Starling	r	4	0	14	0	0	0
Phainopepla	r	4	10	10	9	2	4
Yellow Warbler	s	1	0	0	0	0	0
Common Yellowthroat	r	0	1	0	0	2	0
Spotted Towhee	r	22	9	19	12	16	12
California Towhee	r	32	28	26	30	12	16
Song Sparrow	r	8	8	4	0	0	0
Black-headed Grosbeak	s	3	0	6	2	3	3
Lazuli Bunting	s	2	0	0	0	0	0
Blue Grosbeak	s	0	0	0	1	0	0
Red-winged Blackbird	r	8	2	0	0	0	0

Creek from Santa Clara River to Copper Hill Drive.

Endangered Species and Species of Concern Shaded

Dates of Surveys

SPECIES	STATUS	5/26	6/6	6/17	6/27	7/2	7/10
Brewer's Blackbird	r	0	0	0	0	5	0
Bullock's Oriole	s	9	9	9	9	8	6
House Finch	r	51	62	44	71	84	53
Lesser Goldfinch	r	5	6	3	2	2	0
House Sparrow	r	0	0	2	2	0	0

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

Table 7. BIRDS OF THE SANTA CLARA RIVER BASIN, 2003: South Fork from Rte 126 downstream to Santa Clara River.			

Endangered Species and Species of Concern Shaded				Dates of Surveys			
SPECIES	STATUS	5/26	6/6	6/17	6/27	7/2	7/10
Red-tailed Hawk	r	1	1	0	0	0	0
California Quail	r	1	0	13	8	9	2
Killdeer	r	0	0	0	0	0	
Rock Dove	r	0	2	0	2	0	0
Mourning Dove	r	12	5	43	43	10	8
Black-chinned Hummingbird	s	0	0	0	0	0	1
Anna's Hummingbird	r	10	0	2	0	0	1
Nuttall's Woodpecker	r	3	1	0	0	3	0
Downy Woodpecker	r	1	0	1	0	0	0
Black Phoebe	r	0	0	0	0	7	0
Ash-throated Flycatcher	s	0	3	0	2	1	3
Western Kingbird	s	4	2	0	0	0	1
Western Scrub Jay	r	0	8	4	6	3	5
American Crow	r	0	1	0	1	0	0
Common Raven	r	38	56	17	9	17	27
N. Rough-winged Swallow	s	4	7	9	22	15	5
Cliff Swallow	s	10	46	18	2	5	6
Barn Swallow	s	0	0	3	0	0	0
Oak Titmouse	r	2	1	3	0	3	0
Bushtit	r	2	10	5	0	0	0
Bewick's Wren	r	19	20	15	8	5	7
Western Bluebird	r	0	2	2	0	0	0
Wrentit	r	2	0	2	0	0	0
Northern Mockingbird	r	4	3	6	3	8	2
California Thrasher	r	1	1	3	0	3	0
European Starling	r	8	55	36	64	20	8
Phainopepla	r	0	2	0	0	0	0
Spotted Towhee	r	10	6	1	1	1	4
California Towhee	r	10	5	7	2	5	5
Song Sparrow	r	4	3	0	2	1	0
Red-winged Blackbird	s	0	0	0	0	0	6
Brewer's Blackbird	r	2	2	0	0	0	0
Brown-headed Cowbird	s	2	1	0	0	2	0
Bullock's Oriole	s	1	2	0	4	0	0
House Finch	r	25	41	50	46	95	164
Lesser Goldfinch	r	4	0	0	4	61	4
House Sparrow	r	4	0	0	12	3	6
Status: m, migrant; r, resident; s, summer only; w, winter							

Table 8. BIRDS OF THE SANTA CLARA RIVER BASIN, 2003: 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					
		5/26	6/6	6/17	6/27	7/2	7/10
Cooper's Hawk	r	0	0	0	1	0	0
Red-tailed Hawk	r	1	1	0	0	0	1
Red-shouldered Hawk	r	0	0	0	2	2	2
California Quail	r	8	3	10	2	6	9
Killdeer	r	1	0	0	0	0	0
Rock Dove	r	0	0	0	0	22	3
Mourning Dove	r	15	7	14	22	8	8
White-throated Swift	r	6	4	0	2	9	0
Black-chinned Hummingbird	s	2	0	0	0	0	1
Anna's Hummingbird	r	14	9	5	2	0	3
Costa's Hummingbird	s	0	1	1	0	0	0
Nuttall's Woodpecker	r	5	2	1	5	1	3
Downy Woodpecker	r	0	1	1	3	0	0
Western Wood-Pewee	s	1	0	0	0	0	0
Black Phoebe	r	1	1	1	9	5	10
Say's Phoebe	r	1	1	0	0	1	1
Ash-throated Flycatcher	s	0	0	0	0	0	1
Warbling Vireo	m	1	0	0	0	0	0
Western Scrub Jay	r	12	11	10	12	10	21
American Crow	r	2	3	2	2	1	0
Common Raven	r	13	6	8	16	9	9
N. Rough-winged Swallow	s	9	1	1	4	6	0
Cliff Swallow	s	2	0	2	4	6	0
Oak Titmouse	r	2	5	4	2	4	7
Bushtit	r	5	15	11	14	6	8
Bewick's Wren	r	8	18	21	8	5	6
House Wren	r	0	0	4	0	0	0
Western Bluebird	r	0	1	1	2	0	0
Wrentit	r	5	2	8	0	0	0
Northern Mockingbird	r	8	6	8	8	12	14
California Thrasher	r	4	2	3	6	1	9
European Starling	r	0	2	3	0	7	6
Orange-crowned Warbler	s	1	0	0	0	0	0
Yellow Warbler	s,m	9	0	0	0	0	0
Wilson's Warbler	m	2	0	0	0	0	0
Western Tanager	m	3	0	0	0	0	0
Spotted Towhee	r	8	6	5	6	4	9
California Towhee	r	15	10	28	13	11	12
Song Sparrow	r	7	5	4	12	3	1
Black-headed Grosbeak	s	2	2	0	2	2	4
Red-winged Blackbird	s	0	1	0	0	0	0
Brewer's Blackbird	r	0	0	0	0	0	3
Brown-headed Cowbird	s	5	0	0	1	3	0
Hooded Oriole	s	0	0	0	1	0	0

Table 8. (cont.) BIRDS OF THE SANTA CLARA RIVER BASIN, 2003: 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					
		5/26	6/6	6/17	6/27	7/2	7/10
Bullock's Oriole	s	3	0	1	9	6	1
House Finch	r	30	46	29	18	71	82
Lesser Goldfinch	r	1	1	0	0	5	11
House Sparrow	r	6	4	6	21	15	23
Status: m, migrant; r, resident; s, summer only; w, winter							

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

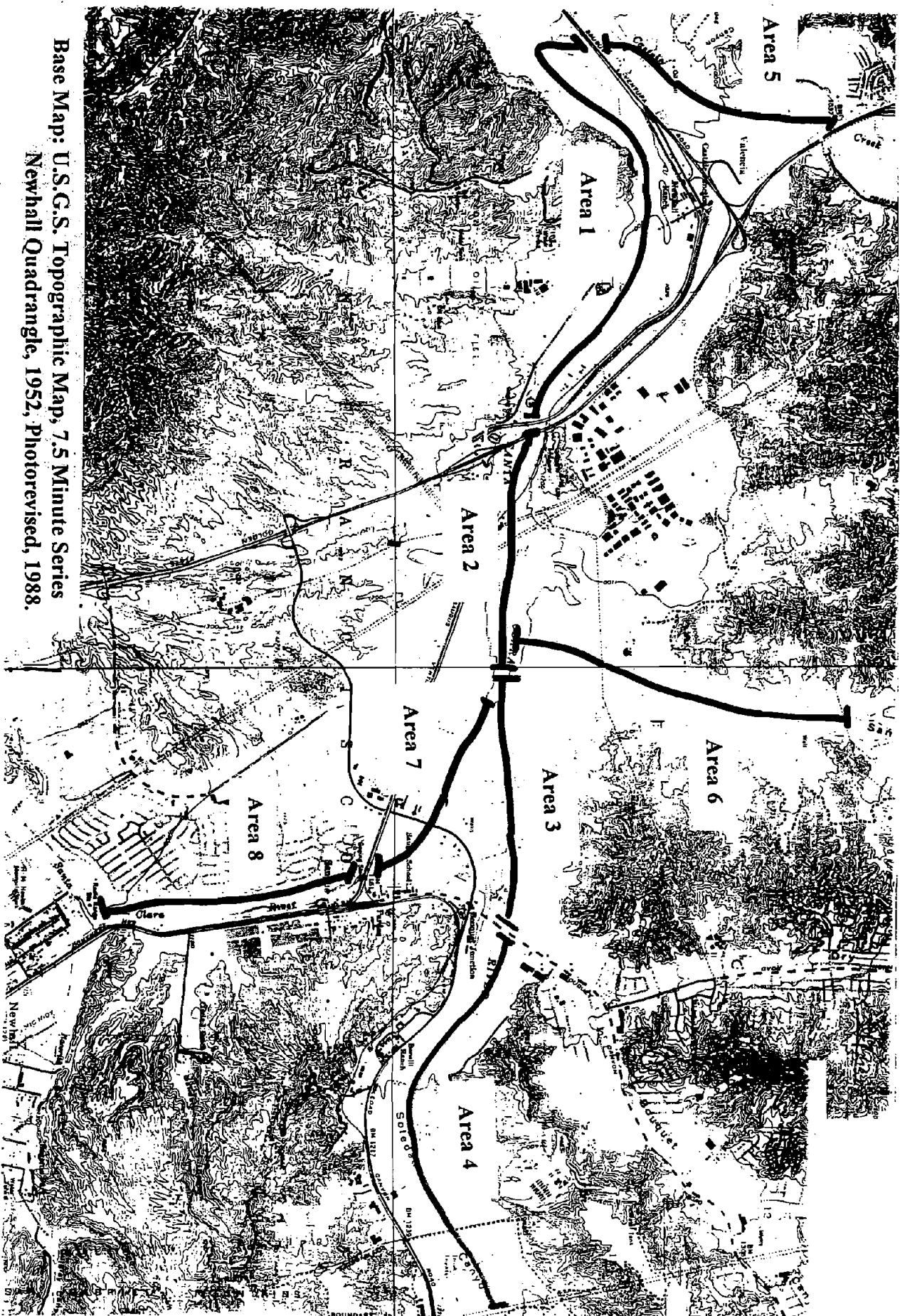
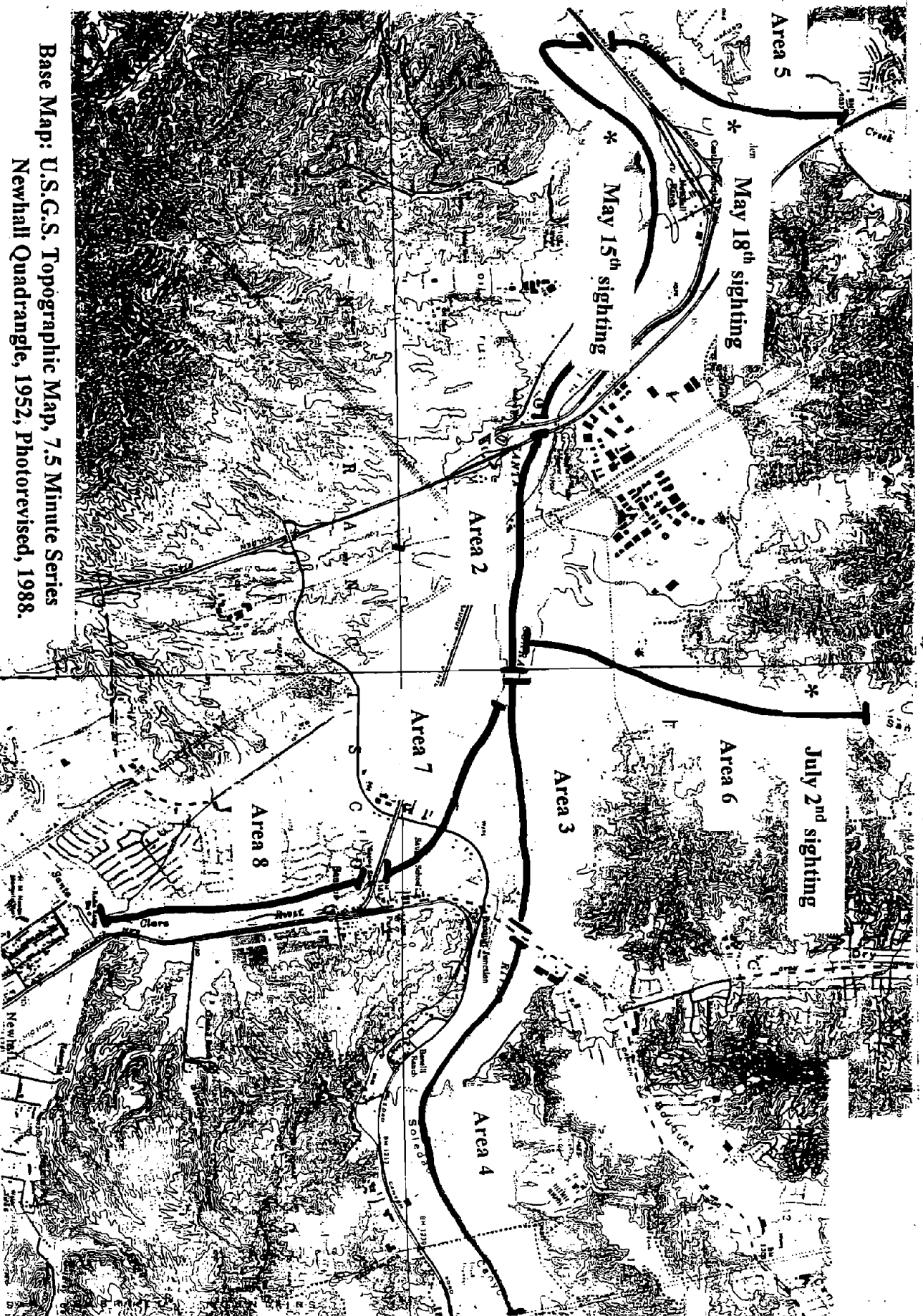


Figure 2. Locations of willow flycatcher sightings, 2003.



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

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

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

Site Name South Fork ~~Total~~ Site No _____

Was site surveyed in previous year? **Yes**

Drainage Santa Clara River

If yes, what site name was used? Upper Santa Clara River

County Los Angeles

State CA

USGS Quad Name Newhall

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

Site Coordinates: Start: N 34 23.735

W 118 32.354

UTM

Stop: N 34 25.507

W 118 33.710

UTM

Zone _____

Elevation 1120- 1200 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)
J. Sugden _____ _____ _____	Date 5/26 start 8 stop 9:45 total hrs <u>1.75</u>	0	0	0	n	Y	n	
j. Sudgden _____ _____ _____	Date 6/6 Start 6:30 Stop 8:30 total hrs <u>2</u>	0	0	0	n	Y	N	
J. Sugden _____ _____ _____	Date 6/27 Start 5:45 Stop 7:15 total hrs <u>1.5</u>	0	0	0	n	Y	N	
J. Sugden _____ _____ _____	Date 7/2 start 6 stop 7:45 total hrs <u>1.75</u>	0	0	0	n	Y	N	Immature of the year?
J. Sugden. _____ _____ _____	Date 7/10 start 5:45 stop 7:15 total hrs <u>1.5</u>	0	0	0	n	Y	N	
Overall Site Summary (Total only resident WIFLs)		Adults 0	Pairs 0	Territories 0	Nests 0	Were any WIFLs color-banded? No If yes, report color combination(s) in the comments section on back of form		
Total survey hrs <u>8.5</u>								

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/03

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

Fill in the following information completely. Submit original form. Retain copy for your records.

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jsd.claremont.edu

Site Name South Fork, Santa Clara River

Did you verify that this site name is consistent with that used in previous years? Yes No ? (circle one)

This is a section of site previously lumped as upper Santa Clara River

Management Authority for Survey Area (circle one):

Federal	Municipal/County	State	Tribal	<u>Private</u>
---------	------------------	-------	--------	----------------

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 2 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes / If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes / If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

Native broadleaf plants

XX ☐ Mixed native and exotic plants (mostly native)

(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic)☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottonwood, willow, tamarisk

Average height of canopy: 30t. (specify units)

Was surface water or saturated soil present at or adjacent to site? No water present only in three spots due to suburban runoff.

Distance from the site to surface water or saturated soil: _____ (specify units)

Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary):

[illegible]



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

Site Name Castaic Creek Total Site No

Was site surveyed in previous year? Yes ☐ No ☐ Drainage Santa Clara River

If yes, what site name was used? Upper Santa Clara River, section 5

County Los Angeles State CA USGS Quad Name Newhall

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

Site Coordinates: Start: N 34 25/306 W 118 36.755 UTM
 Stop: N 34 26 W 118 37 UTM Zone

Elevation 950-1027 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)
J. Sugden _____ _____	Date 5/18 start 6 stop 7:30 total hrs <u>1.50</u>	1	0	0	n	Y	n	
J. Sugden _____ _____	Date 6/12 Start 6:30 Stop 8:0 total hrs <u>1.5</u>	0	0	0	n	Y	N	
J. Sugden _____ _____	Date 6/23 Start 6:00 Stop 7:30 total hrs <u>1.5</u>	0	0	0	n	Y	N	
J. Sugden _____ _____	Date 7/4 start 6 stop 7:30 total hrs <u>1.50</u>		0	0	n	Y	N	Immature of the year?
J. Sugden _____ _____	Date 7/14 start 6:00 stop 7:30 total hrs <u>1.5</u>	0	0	0	n	Y	N	
Overall Site Summary (Total only resident WIFLs)		Adults <u>1</u>	Pairs <u>0</u>	Territories <u>0</u>	Nests <u>0</u>	Were any WIFLs color-banded? <u>No</u> If yes, report color combination(s) in the comments section on back of form		
Total survey hrs <u>75</u>								

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/03

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

Fill in the following information completely. Submit original form. Retain copy for your records.

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jsd.claremont.edu

Site Name Castaic Creek

Did you verify that this site name is consistent with that used in previous years? Yes No ? (circle one)

This is a section of site previously lumped as upper Santa Clara River. section 5.

Management Authority for Survey Area (circle one):

Federal Municipal/County State Tribal Private

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 2 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes / If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes / If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

Native broadleaf plants

☒ Mixed native and exotic plants (mostly native)
(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic) ☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottrtonwood, willow, tamarisk

Average height of canopy: 40 ft. (specify units)

Was surface water or saturated soil present at or adjacent to site? No see comment

Distance from the site to surface water or saturated soil: see comment

Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

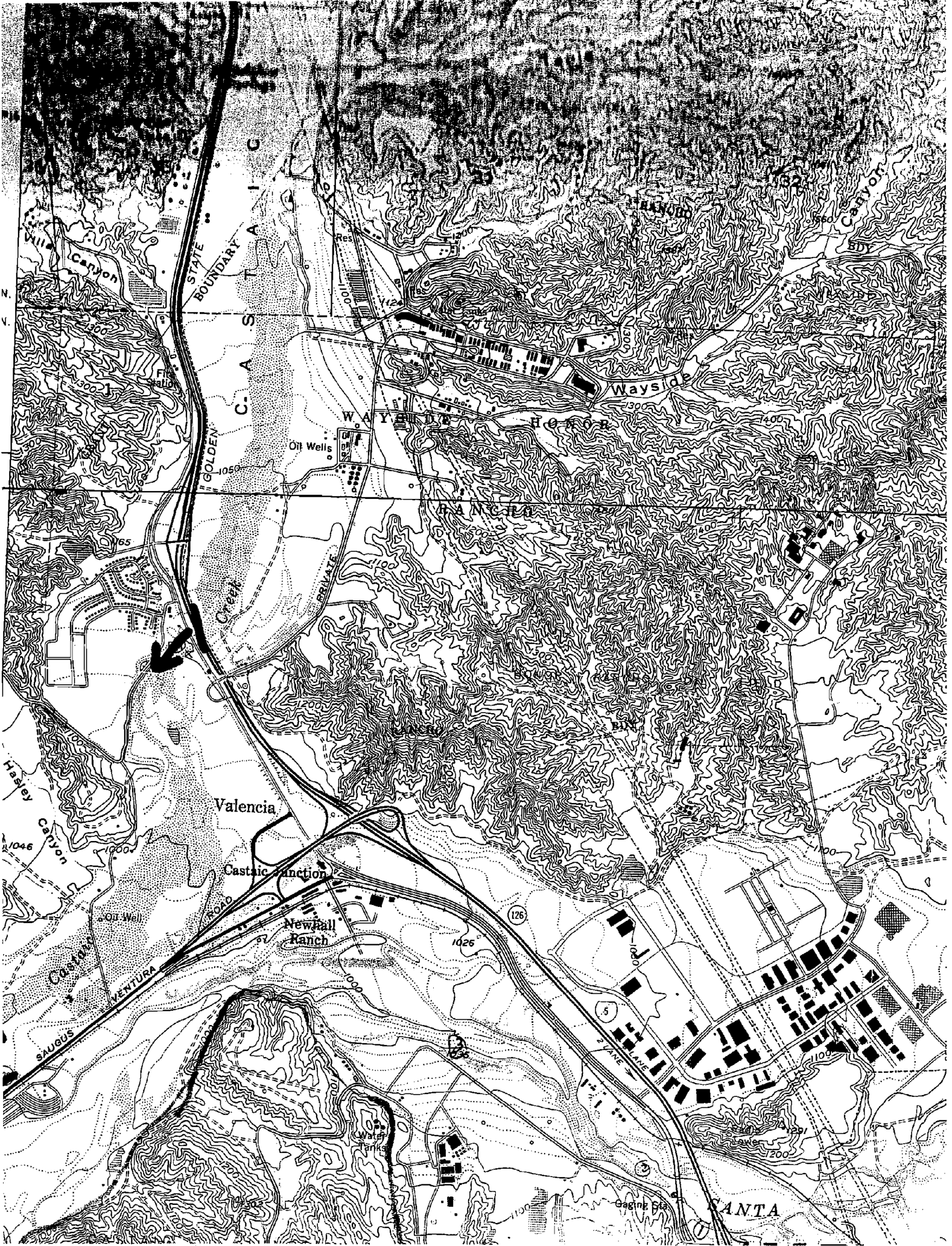
If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary):

Water in this section of Castaic Creek comes from releases from Castaic Dam. There were no releases during the survey period. Some residential runoff was present at upper section of survey area but the rest of the creek was dry. Nearest water in Santa Clara River a mile away.

The timing of this sighting suggests that the bird was a migrant passing through the area. Its identity to subspecies is not known. It may have belonged to a subspecies other than southwestern.



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

Site Name Santa Clara River above Bouquet Canyon rd. Total Site No

Was site surveyed in previous year? Yes ☐ No ☐ Drainage Santa Clara River

If yes, what site name was used? Upper Santa Clara River- section 4

County Los Angeles State CA USGS Quad Name Newhall

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

Site Coordinates: Start: N 34 25.415 W 118 32.399 UTM
Stop: N 34 25.515 W 118 30.125 UTM Zone

Elevation 1125-1320 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)
J. Sugden _____ _____	Date 5/19 start 6 stop 7:45 total hrs <u>1.75</u>	0	0	0	N	n	n	
J. Sugden _____ _____	Date 6/4 Start 6:00 Stop 8:30 total hrs <u>1.5</u>	0	0	0	n	n	N	
D. Guthrie _____ _____	Date 6/26 Start 5:30 Stop 7: total hrs <u>1.5</u>	0	0	0	n	n	N	
D. Guthrie _____ _____	Date 7/1 start 5:30 stop 7:00 total hrs <u>1.50</u>	0	0	0	n	n	N	Immature of the year?
D. Guthrie _____ _____	Date 7/11 start 5:30 stop 7:00 total hrs <u>1.5</u>	0	0	0	n	n	N	
Overall Site Summary (Total only resident WIFLs)		Adults 0	Pairs 0	Territories 0	Nests 0	Were any WIFLs color-banded? No If yes, report color combination(s) in the comments section on back of form		
Total survey hrs <u>7.75</u>								

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/03

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

Fill in the following information completely. Submit original form. Retain copy for your records.

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jsd.claremont.edu

Site Name Santa Clara River above boquet Canyon Rd.

Did you verify that this site name is consistent with that used in previous years?

This is a section of site previously lumped as upper Santa Clara River, section 4.

Management Authority for Survey Area (circle one):

Federal	Municipal/County	State	Tribal	<u>Private</u>
---------	------------------	-------	--------	----------------

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 2 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes / If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes / If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

Native broadleaf plants

XX ☐ Mixed native and exotic plants (mostly native)

(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic)☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottonwood, Baccharis, tamarisk

Average height of canopy: 30 ft. if present. (specify units)

Was surface water or saturated soil present at or adjacent to site? No.

Distance from the site to surface water or saturated soil: water starts at downstream end of section. (specify units)

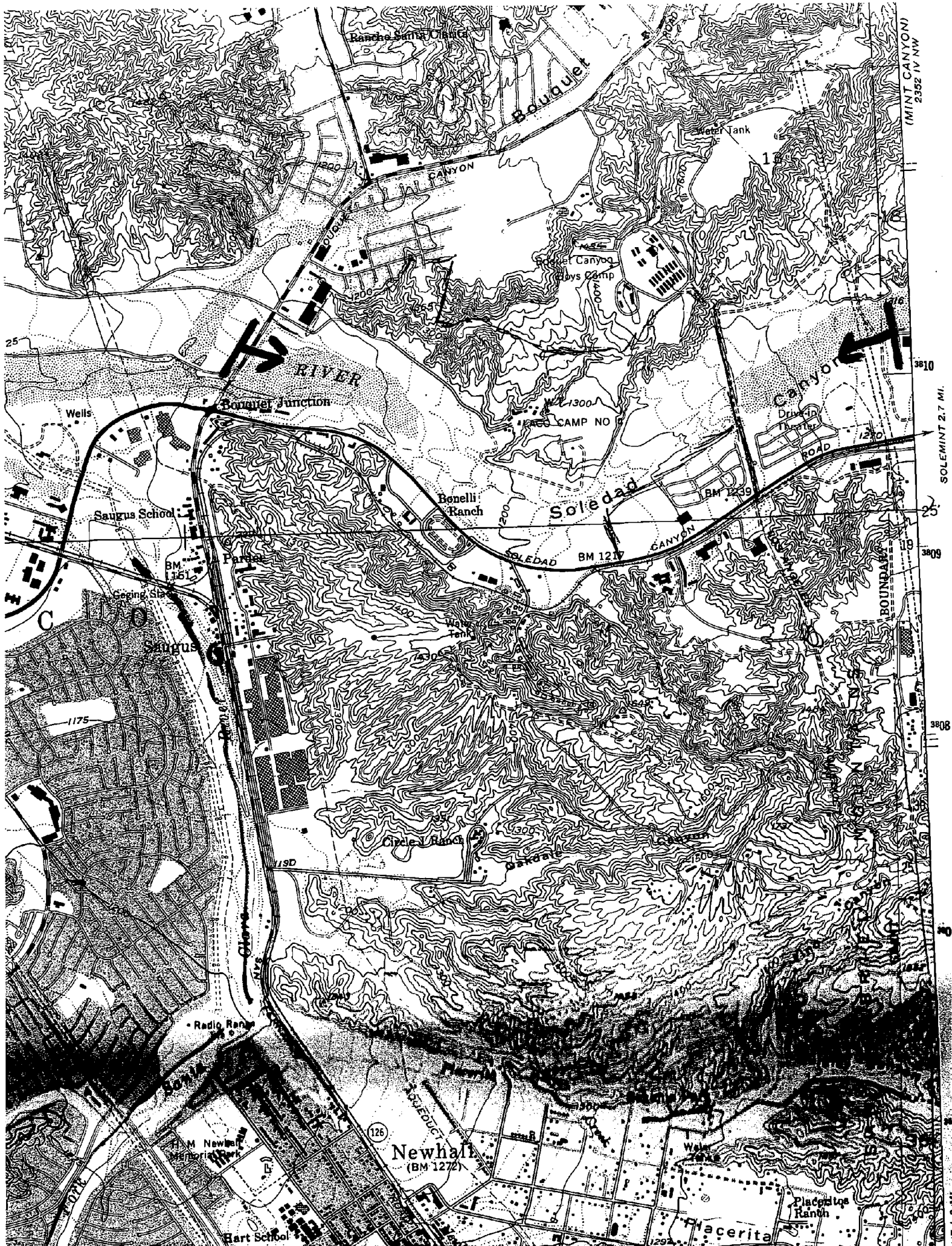
Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary):

[illegible]



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

Site Name Santa Clara River: Castaic Creek to Boquet Canyon Rd. Total Site No. _____

Was site surveyed in previous year? **Yes**

Drainage Santa Clara River

If yes, what site name was used? Upper Santa Clara River: Sections 1-3

County Los Angeles

State CA

USGS Quad Name Newhall

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

Site Coordinates: Start: N 34 25.415 W 118 32.399 UTM

Stop: N 34 25.172 W 118 38.070 UTM Zone _____

Elevation 980 - 1125 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)
D. Guthrie J. Sugden	Date 5/15 start 6:30 stop 9:00 total hrs 1.75	1	0	0	n	Y	n	
D. Guthrie J. Sugden	Date 6/10 Start 6:30 Stop 9:00 total hrs 2	0	0	0	n	Y	N	
D. Guthrie J. Sugden	Date 6/22 Start 6:30 Stop 9:00 total hrs 1.5	0	0	0	n	Y	N	
D. Guthrie J. Sugden	Date 7/3 start 5:45 stop 8:45 total hrs 1.75	0	0	0	n	Y	N	
D. Guthrie J. Sugden	Date 7/14 start 5:45 stop 8:45 total hrs 1.5	0	0	0	n	Y	N	
Overall Site Summary (Total only resident WIFLs)		Adults 1	Pairs 0	Territories 0	Nests 0	Were any WIFLs color-banded? No If yes, report color combination(s) in the comments section on back of form		
Total survey hrs 13.5 (x2)								

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/03

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

Fill in the following information completely. Submit original form. Retain copy for your records.

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jsd.claremont.edu

Site Name Santa Clara River: Castaic Creek to Boquet River Bridge

Did you verify that this site name is consistent with that used in previous years? Yes No ? (circle one)

This is a section of site previously lumped as upper Santa Clara River, sections 1-3

Management Authority for Survey Area (circle one):

Federal Municipal/County State Tribal Private

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 5.9 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes / If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes / If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

Native broadleaf plants

☒ Mixed native and exotic plants (mostly native)
(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic) ☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottrtonwood, willow, tamarisk

Average height of canopy: 40 ft. (specify units)

Was surface water or saturated soil present at or adjacent to site? yes.

Distance from the site to surface water or saturated soil: _____ (specify units)

Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

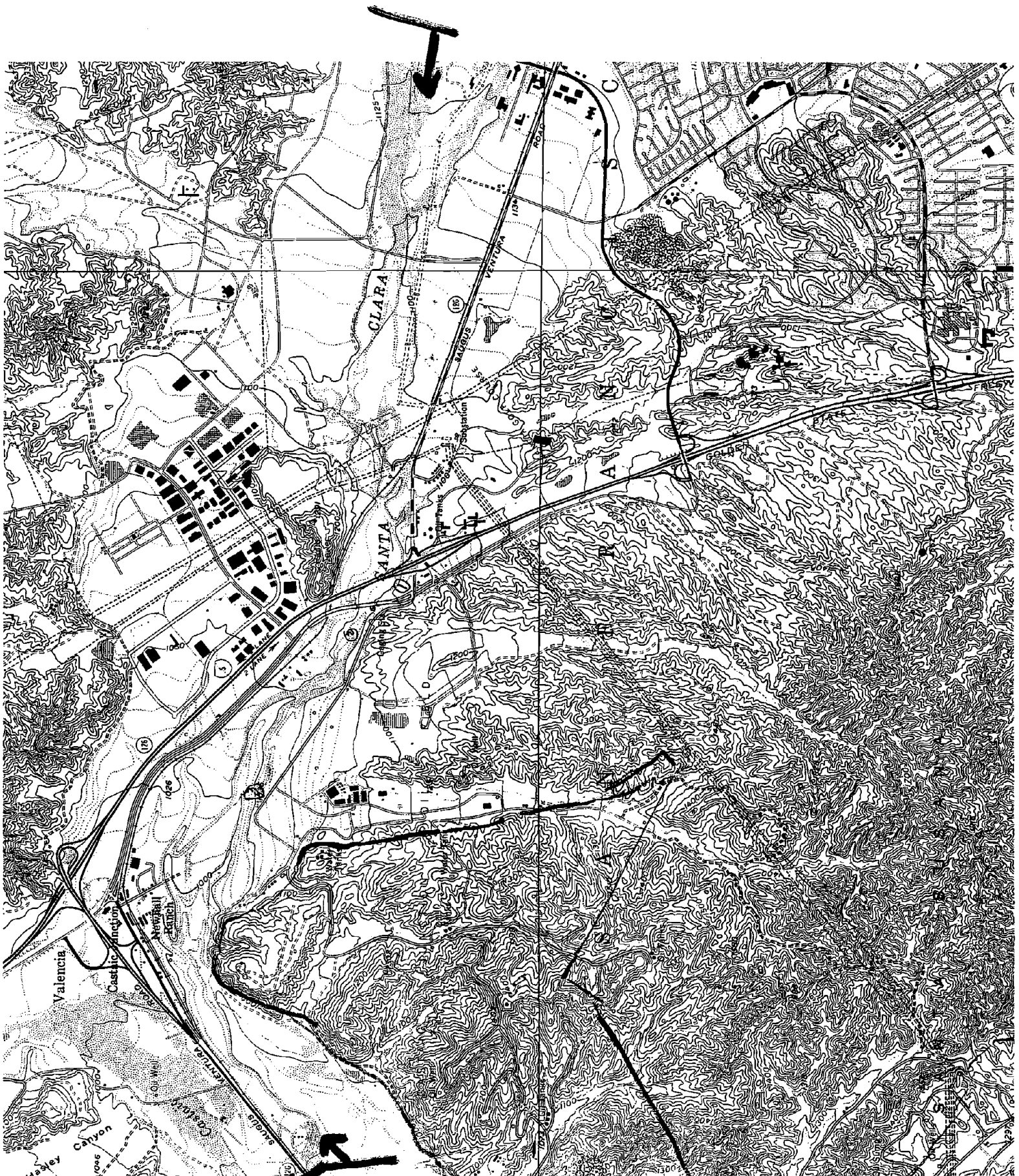
If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary): _____

Santa Clara River flows continuously along this section of the river. Water is provided by two sewage treatment plants.
There was no natural flow during the survey period.

The timing of this sighting suggests that the bird was a migrant passing through the area. Its identity to subspecies is not known.
It may have belonged to a subspecies other than southwestern.



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

Site Name San Francisquito Creek Total Site No

Was site surveyed in previous year? Yes No Drainage Santa Clara River

If yes, what site name was used? Upper Santa Clara River

County Los Angeles State CA USGS Quad Name Newhall

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

Site Coordinates: Start: N 34 25/631 W 118 33.899 UTM
 Stop: N 34 27.752 W 118 33.047 UTM Zone

Elevation 1125-1300 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)
D. Guthrie _____ _____	Date 5/26 start 8 stop 9:45 total hrs <u>1.75</u>	0	0	0	n	n	n	
D. Guthrie _____ _____	Date 6/6 Start 6:30 Stop 8:30 total hrs <u>2</u>	0	0	0	n	n	N	
D. Guthrie _____ _____	Date 6/27 Start 5:45 Stop 7:15 total hrs <u>1.5</u>	0	0	0	n	n	N	
D. Guthrie _____ _____	Date 7/2 start 6 stop 7:45 total hrs <u>1.75</u>	1	0	0	n	n	N	Immature of the year?
D. Guthrie _____ _____	Date 7/10 start 5:45 stop 7:15 total hrs <u>1.5</u>	0	0	0	n	n	N	
Overall Site Summary (Total only resident WIFLs)		Adults <u>1</u>	Pairs <u>0</u>	Territories <u>0</u>	Nests <u>0</u>	Were any WIFLs color-banded? No If yes, report color combination(s) in the comments section on back of form		
Total survey hrs <u>8.5</u>								

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/03

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

Fill in the following information completely. Submit original form. Retain copy for your records.

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jsd.claremont.edu

Site Name San Francisquito Creek

Did you verify that this site name is consistent with that used in previous years? Yes No ? (circle one)

This is a section of site previously lumped as upper Santa Clara River

Management Authority for Survey Area (circle one):

Federal Municipal/County State Tribal Private

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 2 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes / If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes / If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

Native broadleaf plants

☒ Mixed native and exotic plants (mostly native)
(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic)

☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottrtonwood, willow, tamarisk

Average height of canopy: 40 ft. (specify units)

Was surface water or saturated soil present at or adjacent to site? No water present only for 50 yds in middle of section.

Distance from the site to surface water or saturated soil: _____ (specify units)

Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

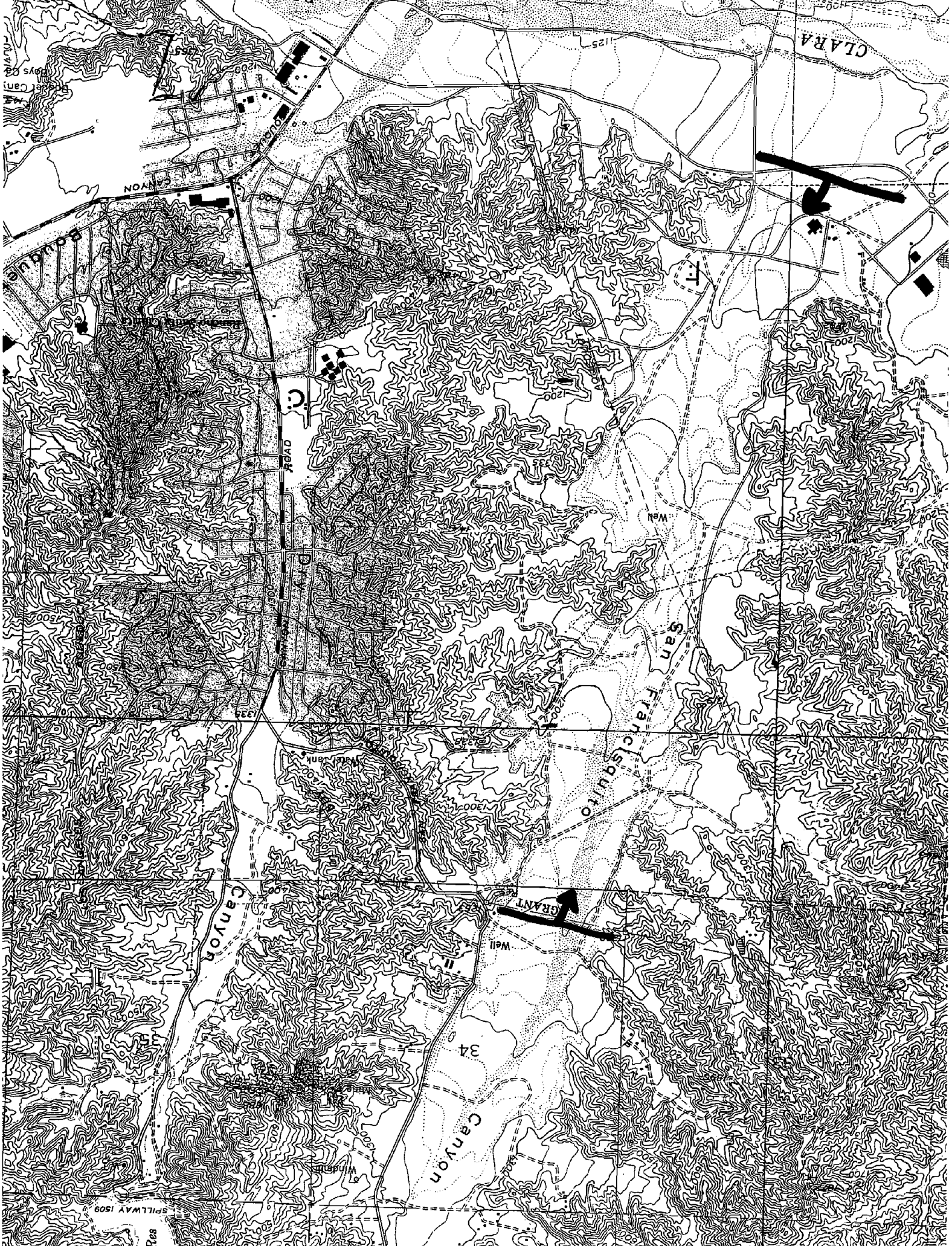
If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary): _____

no flowing water present except for small area of suburban runoff in middle of section.

the timing of this observation suggests that it was of a post breeding young of the year that had dispersed from its nest. It is not known to which subspecies this individual belonged. It may have been from a subspecies other than southwestern.



Original in Matt Carpenter's
Office

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2003

BIRD SURVEYS ALONG THE SANTA CLARA RIVER, 2003
MOUTH OF CASTIAC CREEK DOWNSTREAM TO
JUST BELOW LAS BRISAS CROSSING

Prepared for:

Mark Subbotin
Newhall Land and Farming
23823 Valencia Blvd.
Valencia, Ca. 91355

Prepared by:

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

July 28, 2003

REVISED

0910031103

Bird Surveys along the Santa Clara River, 2003
Mouth of Castaic Creek Downstream to just below Las Brisas Crossing

Daniel A. Guthrie
W.M. Keck Science Center, Claremont Colleges
925 N. Mills Ave.
Claremont, Ca. 91711
909 607-2836

Nature and Scope of Surveys

During the spring and early summer of 2003 surveys were conducted along the section of the Santa Clara River between its confluence with Castaic Creek and a point 1/4 mile below the Las Brisas bridge over the Santa Clara River. The total length of the section surveyed was 7.5 miles.

Each area was surveyed eight times, in accordance to the U.S. Fish and Wildlife Service Protocol for least Bell's vireo. Five of the surveys were conducted within the time frames recommended by the U.S. Fish and Wildlife Service Protocol for southwestern willow flycatcher. In order to follow least Bell's vireo protocol on kilometers covered per day, each portion (one in Los Angeles and one in Ventura County) was divided into two sections, each surveyed separately. However, observations from these two surveys are combined in data presentation (Tables 1-2).

Each survey was conducted on foot by observers well acquainted with both visual and auditory and behavioral characteristics of southern California birds. Surveys occurred approximately every other week between mid April and mid July (there was some variation in timing to avoid periods of poor weather) and occurred between 6:00 and 10:00 a.m. All birds sighted were counted, but special emphasis was placed on finding focus species, Species of Special Concern, and brown-headed cowbirds. If focus species (yellow-billed cuckoo, least Bell's vireo, 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 and permitted for both least Bell's vireo and southwestern willow flycatcher.

Habitat Condition and Bird Observations

Flooding during late winter and early spring of 2003 scoured many sections of the river bed, particularly in the portion in Los Angeles County. The result was extensive sandy areas and little wet riparian vegetation throughout the census period. Only along the narrower river section in Ventura County was the damage from flooding less severe. The flooding also resulted in a deepening of the river channel, leaving many sections adjacent to it dry. Annual vegetation, plentiful after the early rains, was mostly dead by early June.

Observations of all birds are shown in Tables 1-2. The numbers shown are of birds seen and heard, with heard individuals forming the majority of the observations. Numbers vary between censuses for several reasons. 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 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 nesting species observed may be higher than normal in May due to migratory birds passing through the area, then decrease slightly in June and early July when birds are less active during nesting, and increase in late June and July when young birds leave the nest.

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, when this species might be present, no individuals of this species were observed in 2003.

Southwestern Willow Flycatcher

This subspecies is listed as Federally Endangered under the Federal Endangered Species Act. Willow flycatchers were once widespread in wet riparian woodland in southern California but now only a few individuals remain. Following the Revised Protocol (Fish And Wildlife Service, July 2000) five surveys (see tables 1-2 for dates) 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.

No willow flycatchers were observed during any surveys in 2003. The report forms required for this species are attached and will be forwarded to the Ventura Office of the U.S. Fish and Wildlife Service.

Least Bell's Vireo

Surveys of the wet riparian areas along the Santa Clara River 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 1-2 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. In order to avoid disturbing vireos, no special efforts were made to determine nesting success or presence of leg bands once birds were observed. However, at each location where vireos were found, they were observed at least once, and no leg bands were observed.

Least Bell's vireos were regularly heard and seen in three major locations, one in Ventura County and two in Los Angeles County. Vireos have been seen in the Ventura area, (Figure 1) for several years prior to 2003. This year between there were up to 6 territorial males and 4-6 mated pair nesting along this section of the river. In July additional birds, probably young of the year, were also found as unmated territorial birds.

Least Bell's vireo were found in two locations along the Los Angeles County section of the Santa Clara River (Areas A and B, Figure 2). Sightings of vireos have occurred in both areas in previous years. Area A supported between 2 and 5 pair this year. Two of these pair disappeared after June 12 but the remaining three pair continued into July. The second area supporting vireos (B in figure 2) had two and possibly three singing males starting June 23 and continuing through July 4th. These birds may have been young of the year. They appeared young and no mates were observed.

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 was observed sparingly along the river after the breeding season and along other sections of the river during winter and migration. No nesting was observed.

White-tailed Kite

This species is considered a Species of Management Concern by the U.S. Fish and Wildlife Service. A single kite was observed on June 23 and July 5 in riparian woodland near the Los Angeles/Ventura County line.

Cooper's Hawk

Cooper's hawk is considered a Species of Special Concern by the State of California. A single Cooper's hawk was observed hunting along the main river on June 25th.

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 throughout the survey period in small numbers. Most sightings were in the areas where least Bell's vireos were present (Figures 1-2)

Yellow-breasted Chat

The yellow-breasted chat is considered a Species of Special Concern by the State of California. The numbers of chats calling from territories along this section of riparian woodland are about the same number as observed here in previous years. . Most sightings were in the areas where least Bell's vireos were present (Figures 1-2) . A few additional birds were regularly heard in a dry riparian woodland on the north side of the river (C in Figure 2).

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, a few individuals of this species visited the riparian zone of the Santa Clara River after their nesting season.

Comments on Brown Headed Cowbird

Cowbirds were regularly observed in all sections of the study area and seemed to be attracted by tapes of least Bell's vireo calls. Numbers remained high along the river throughout the survey period.

Summary

No yellow billed-cuckoos or willow flycatchers were observed during 2003

About 10 pair of least Bell's vireos were observed along this section of the Santa Clara River during 2003, six in Ventura County and four in Los Angeles County. This is a slight increase from previous years. This greater success may reflect greater nesting success and population increase of this species statewide but also may be due to the presence of fewer cowbirds along the river due to cowbird trapping and a much reduced amount of cattle grazing.

Among species of concern, the riparian species; yellow warbler and yellow-breasted chat occurred in small numbers in riparian woodlands along the river. There were single observations of two raptors the white-tailed kite and Cooper's hawk. Both species nest in riparian woodlands, but the scarcity of observations indicates that nesting did not occur along this stretch of the Santa Clara River this year. One wintering and migrant species of concern, the great blue heron, was observed feeding in small numbers on the river, but did not nest in the area. Finally, one coastal sage species, Lawrence's goldfinch, was observed along the river in small numbers as visitors from nearby coastal sage habitat.

Table 1. BIRDS OF THE SANTA CLARA RIVER BASIN,2003: Santa Clara River from the mouth of Castaic Creek downstream to the Los Angeles/Ventura County Line.

[illegible]

Table 1 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2003: Santa Clara River from the mouth of Castaic Creek downstream to the Los Angeles/Ventura County Line.

Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	4/20,24	5/1,4	Dates of Surveys			6/23,25	7/4,5	7/14,15
				5/16,18	5/31;6/2	6/11,12			
Western Bluebird	r	2	12	8	5	10	7	5	16
American Robin	r	0	0	0	0	0	1	0	0
Wrentit	r	6	6	6	5	8	12	6	11
Northern Mockingbird	r	0	1	0	0	0	0	2	0
California Thrasher	r	0	0	2	1	1	0	0	2
European Starling	r	4	14	14	12	21	0	17	0
Phainopepla	r	0	0	0	0	2	0	3	1
Orange-crowned Warbler	w,m	2	0	0	0	0	0	0	0
Nashville Warbler	m	0	1	0	0	0	0	0	0
Yellow Warbler	s,m	9	8	6	2	5	1	2	1
Yellow-rumped Warbler	w,m	1	6	0	0	0	0	0	0
Townsend's Warbler	m	0	1	0	0	0	0	0	0
Common Yellowthroat	r	4	16	16	13	9	19	11	3
Wilson's Warbler	m	3	1	1	0	0	0	0	0
Yellow-breasted Chat	s	3	7	9	7	7	6	7	3
Western Tanager	m	0	5	0	0	0	0	0	0
Spotted Towhee	r	12	13	7	24	17	15	5	3
California Towhee	r	18	20	12	12	26	14	30	18
Lark Sparrow	r	0	0	0	0	0	0	0	1
Savannah Sparrow	w,m	0	1	0	0	0			
Song Sparrow	r	52	48	52	56	60	64	54	36
Black-headed Grosbeak	s	23	29	15	8	7	13	12	4
Blue Grosbeak	s	2	3	0	4	5	4	7	10
Lazuli Bunting	s	0	0	1	0	0	0	3	5
Painted Bunting	m	0	1	0	0	0	0	0	0
Red-winged Blackbird	s	4	30	12	14	18	35	23	2
Brewer's Blackbird	r	12	0	0	0	0	0	10	0
Brown-headed Cowbird	s	14	3	10	3	7	7	6	5
Bullock's Oriole	s	0	18	2	0	6	7	12	2
House Finch	r	10	29	21	20	32	21	44	76
Lesser Goldfinch	r	4	1	14	2	2	0	2	5
Lawrence's Goldfinch	r	0	0	0	0	0	3	0	0
American Goldfinch	w,m,r	24	17	0	0	0	0	0	0
Status: m, migrant; r, resident; s, summer only; w, winter									

Table 2. Birds of the Santa Clara River Basin, 2003: Santa Clara River from Los Angeles/Ventura County line to 1/2 mile below Las Brisas Crossing.

Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	Dates of Surveys							
		4/24	5/4	5/16	5/31	6/11	6/25	7/5	7/15
Pied-billed Grebe	m	0	0	0	0	0	0	0	1
Great Blue Heron	m,w	0	0	0	0	0	2	0	0
Snowy Egret	m,w	4	0	0	0	0	0	0	0
Green Heron	r	1	0	2	0	1	4	0	1
Black-crowned Night-heron	m,w	0	1	1	0	5	2	2	0
Mallard	r	7	5	5	4	5	10	9	13
White-tailed Kite	r	0	0	0	0	0	0	1	0
Cooper's Hawk	r	0	0	0	0	0	1	0	0
Red-shouldered Hawk	r	2	0	1	1	1	1	0	1
Red-tailed Hawk	r	5	3	3	2	3	2	1	2
American Kestrel	r	0	0	0	0	1	0	0	0
California Quail	r	21	51	22	25	25	25	45	17
Killdeer	r	8	6	18	10	13	17	10	9
Spotted Sandpiper	s	0	0	0	2	4	4	4	6
Least Sandpiper	m	3	0	0	0	0	0	0	0
Wilson's Snipe	m,	0	0	0	0	0	0	0	1
Rock Dove	r	4	0	2	0	0	0	1	0
Mourning Dove	r	18	41	24	25	44	30	39	26
Vaux's Swift	m	0	42	0	0	0	0	0	0
White-th. Swift	r	0	0	3	0	0	0	0	0
Allen's Hummingbird	r,m	0	0	0	0	0	0	1	1
Black-chinned Hummingbird	s	2	0	1	0	0	0	2	6
Anna's Hummingbird	r	9	8	18	3	6	9	8	18
Belted Kingfisher	m	2	0	0	0	0	0	0	0
Acorn Woodpecker	r	2	0	0	2	0	0	0	0
Nuttall's Woodpecker	r	7	6	7	10	10	10	8	7
Downy Woodpecker	r	5	3	8	8	5	3	4	0
Hairy Woodpecker	r	1	2	0	0	4	2	0	0
Northern Flicker	r	1	0	0	1	0	0	0	0
Western Wood-Pewee	m	0	1	0	0	0	0	0	0
Pacific Slope Flycatcher	s	1	2	0	1	0	2	1	3
Black Phoebe	r	9	12	5	4	8	12	16	8
Say's Phoebe	r	0	0	0	0	0	0	1	0
Ash-throated Flycatcher	s	18	24	18	13	24	19	12	16
Cassin's Kingbird	s	0	0	0	0	1	0	0	0
Western Kingbird	s	0	0	1	1	2	2	4	3
Bell's Vireo	s	7	8	10	4	4	11	9	6
Warbling Vireo	m	0	1	2	0	0	0	1	0
Western Scrub Jay	r	23	15	20	19	13	8	14	4
American Crow	r	3	5	4	7	1	13	2	2
Common Raven	r	13	10	3	11	11	23	11	15
Violet-green Swallow	s	0	2	3	0	0	0	0	0
N. Rough-winged Swallow	s	0	15	3	3	0	12	0	2
Cliff Swallow	s	239	400	600	176	275	352	156	214

Table 2.(cont.) Birds of the Santa Clara River Basin, 2003: Santa Clara River from Los Angeles/Ventura County line to 1/2 mile below Las Brisas Crossing.

Endangered Species and Species of Concern Shaded									
				Dates of Surveys					
SPECIES	STATUS	4/24	5/4	5/16	5/31	6/11	6/25	7/5	7/15
Barn Swallow	s	0	1	0	0	0	0	0	0
Violet-green Swallow	s	0	2	3	0	0	0	0	0
N. Rough-winged Swallow	s	0	15	3	3	0	12	0	2
Cliff Swallow	s	239	400	600	176	275	352	156	214
Barn Swallow	s	0	1	0	0	0	0	0	0
Oak Titmouse	r	13	7	0	6	12	13	4	4
Bushtit	r	12	10	31	20	26	35	3	6
White-breasted Nuthatch	r	1	0	0	0	0	0	0	0
Canyon Wren	r	1	0	0	0	0	0	0	0
Bewick's Wren	r	72	44	53	47	29	40	32	37
House Wren	r	13	30	40	6	18	0	0	2
Western Bluebird	r	3	4	2	1	2	0	9	1
American Robin	r	1	1	3	0	1	0	0	0
Wrentit	r	12	29	14	11	13	17	11	28
Northern Mockingbird	r	0	0	0	1	0	0	1	0
California Thrasher	r	3	6	2	1	2	8	2	3
European Starling	r	6	15	1	9	201	49	4	0
Cedar Waxwing	w,m	9	25	3	0	0	0	0	0
Phainopepla	r	2	2	5	4	6	1	4	3
Orange-crowned Warbler	w,m	3	0	1	0	0	0	0	0
Yellow Warbler	s,m	13	8	5	4	4	3	3	1
Yellow-rumped Warbler	w,m	8	6	0	0	0	0	0	0
Common Yellowthroat	r	46	25	24	23	28	62	68	24
Wilson's Warbler	m	1	22	7	0	0	0	0	0
Yellow-breasted Chat	s	6	9	2	7	3	3	1	2
Western Tanager	m	0	8	0	0	0	0	0	0
Spotted Towhee	r	29	82	34	27	53	23	16	32
California Towhee	r	52	78	56	46	39	43	44	32
Lark Sparrow	r	0	0	0	0	0	3	7	0
Song Sparrow	r	113	85	83	78	74	120	100	84
Black-headed Grosbeak	s	28	34	17	19	12	12	28	18
Blue Grosbeak	s	2	4	1	1	0	1	4	0
Lazuli Bunting	s	2	0	1	1	2	5	0	3
Red-winged Blackbird	s	4	6	10	10	254	9	17	37
Great-tailed Grackle	r	0	2	0	0	0	0	0	0
Brewer's Blackbird	r	3	3	0	0	0	9	16	4
Brown-headed Cowbird	s	30	26	9	12	19	20	26	23
Hooded Oriole	s	0	5	0	0	2	0	0	0
Bullock's Oriole	s	4	13	10	6	12	5	5	6
House Finch	r	33	41	19	30	38	35	37	68
Lesser Goldfinch	r	21	36	22	20	30	33	29	17
Lawrence's Goldfinch	r	0	0	0	0	0	0	4	2
American Goldfinch	w,m,r	23	10	2	3	9	3	0	3
Status: m, migrant; r, resident; s, summer only; w, winter									

Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series, 1969

Areas referred to in text.



Well

Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series, 1969

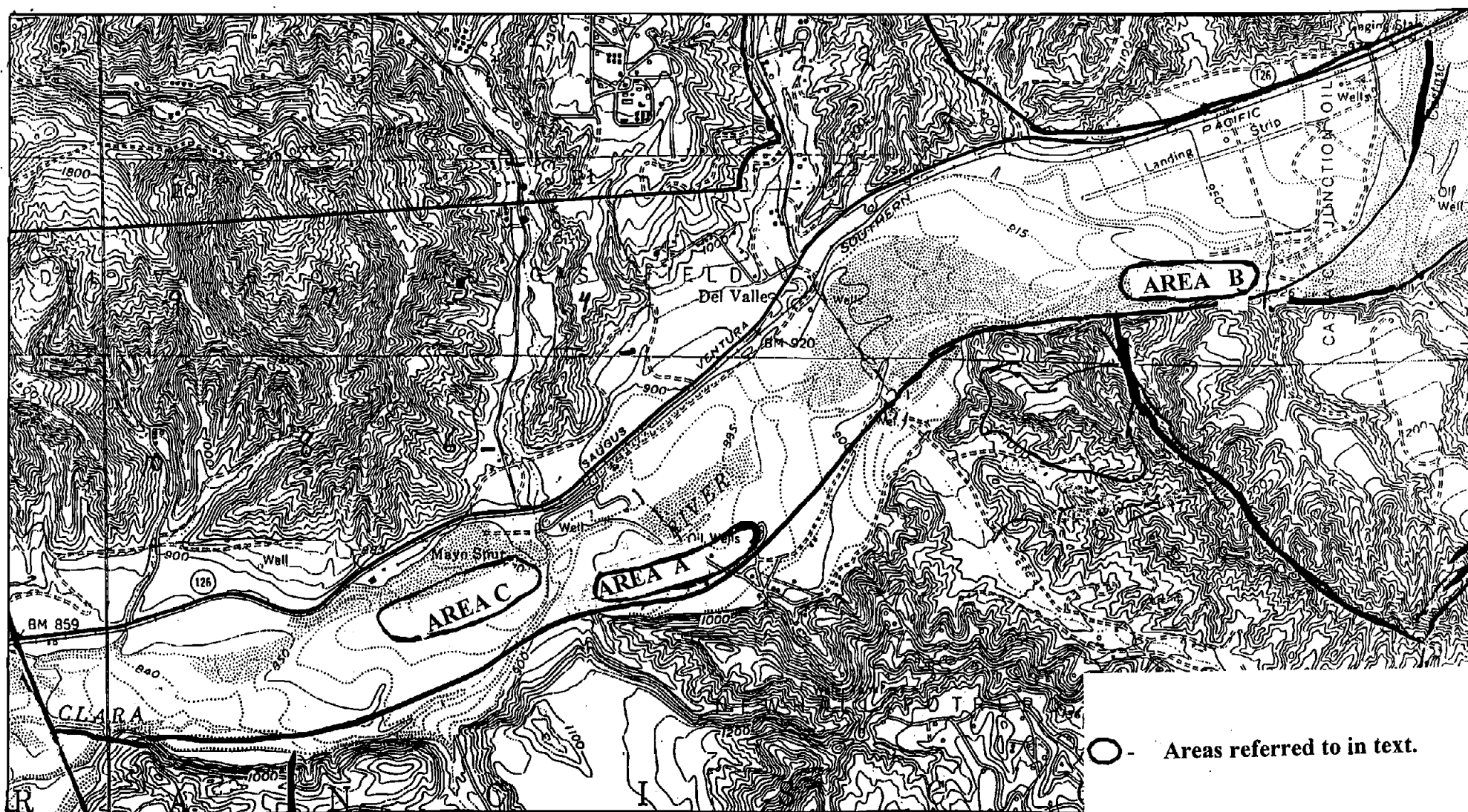
Areas referred to in text.



Well

Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series, 1969

Figure 2. Survey Area in Los Angeles County



Base Map: U.S.G.S. 7.5 minute topographic map for
Val Verde, California, 1952, photorevised 1969.

Fill in the following information completely. Submit original form. Retain copy for your records.

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jsd.claremont.edu

Site Name Santa Clara River:Newhall Ranch, los Angeles County

Did you verify that this site name is consistent with that used in previous years? Yes No ? (circle one)

This is a section of site previously lumped as lower Santa Clara River

Management Authority for Survey Area (circle one):

Federal	Municipal/County	State	Tribal	<u>Private</u>
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Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 4 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes / If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes / If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

XX Native broadleaf plants

☐ Mixed native and exotic plants (mostly native)

(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic)

☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottonwood, willow,

Average height of canopy: 40 ft. (specify units)

Was surface water or saturated soil present at or adjacent to site? YES

Distance from the site to surface water or saturated soil: _____ (specify units)

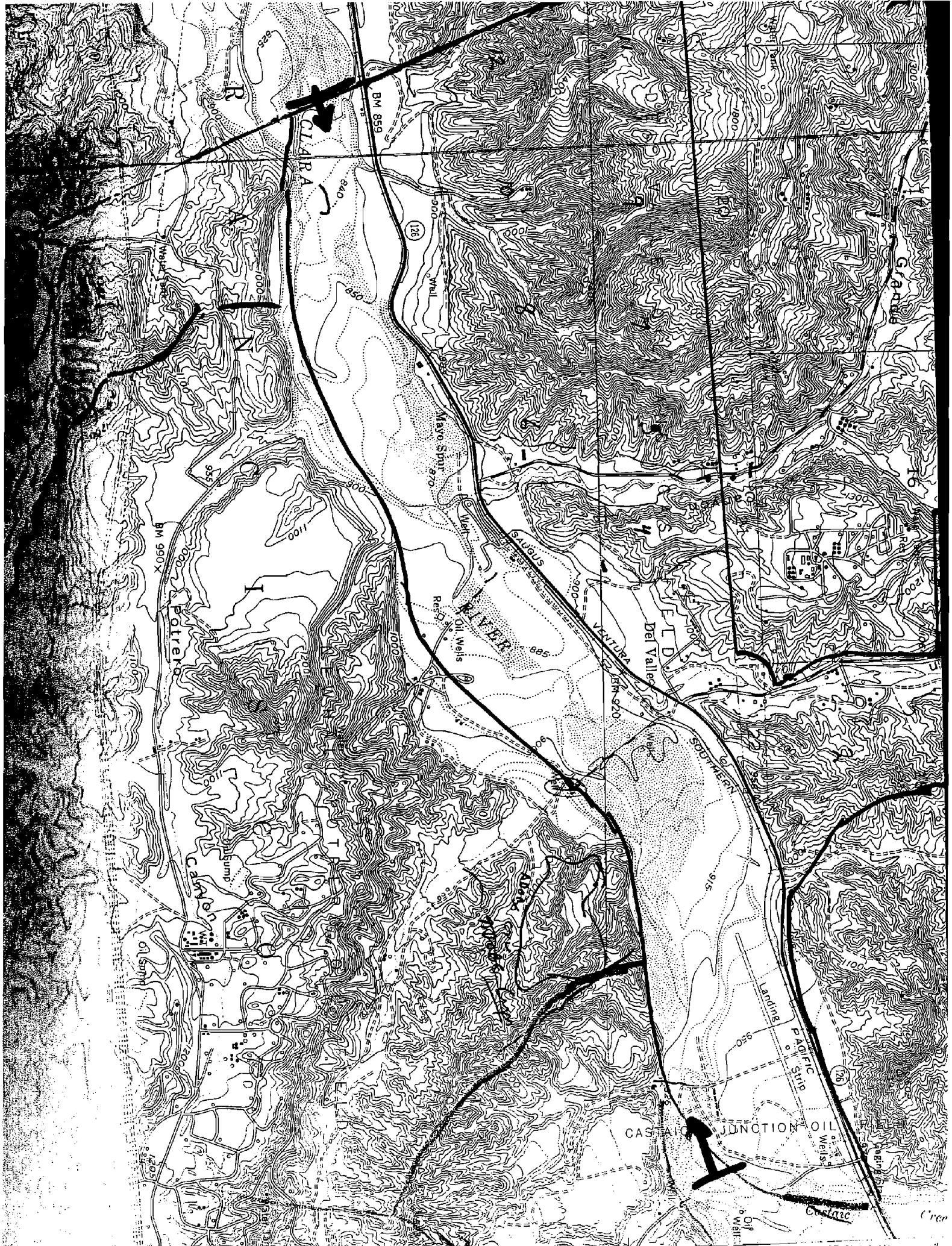
Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary):

[illegible]



Comments (attach additional sheets if necessary): _____

