

## Appendix K

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### Biota – Details of Los Angeles River Bird Surveys, 2014-2015

#### 29 October 2014

Scouting trip. Los Feliz to Sunnynook Bridge, including pocket park at Los Feliz, Sunnynook River Park, and a short distance down main channel below Sunnynook Bridge. We then worked our way to the Bowtie Parcel but there was no river access there, so we parked on Crystal (west bank of the river, on north side of Fletcher) and walked across the Fletcher Bridge, accessing river on upstream side; from there we covered the cobble-dominated reach between Fletcher and the 2 Freeway. With Jim Dines, Lisa Gonzalez, Greg Pauly. Main purpose was to scout access and possible trap/camera locations.

#### 4 November 2014

KLG survey. Parked at Sunnynook on east side of River. Surveyed up to Los Feliz, including pocket park. The across Sunnynook Bridge to cover Sunnynook River Park. Then downstream to Fletcher. Segments covered:

- 1 Los Feliz to Sunnynook Bridge; started 0716 hr. Clear, calm to light NE breeze, 54 deg F.
  - 1A Pocket Park, south side of Los Feliz
  - 2 Sunnynook Bridge to Glendale/Hyperion; started 0810 hr.
  - 2A Sunnynook River Park (west side of river)
  - 3 Glendale/Hyperion to drop in river below pipe crossing; started 0823 hr
  - 4 Drop in river below pipe crossing to Fletcher; started 0840 hr, reaching Fletcher at 0908
- Survey completed (back at Sunnynook Bridge) 0937 hr; T up to 70 deg F.

#### 26 November 2014

KLG survey. Parked at north end of Newell St. at west bank of river. Surveyed down west bank to lower end of study area (one pole downstream from "Frog Spot"), then backtracked up to Newell and continued to 2 Fwy. and beyond to Fletcher. One return trip downstream I covered Marsh Park and the larger adjacent park just upstream (these collectively referred to as Marsh Park for data entry), then returning to Newell Ave. Segments covered:

- 7 Newell downstream, then back upstream to channel shift (roughly, Partridge St.); 0705-0735; again 0820-0825; clear, calm, 54° F at start
- 6 Channel shift (Partridge St.) upstream to 2 Fwy.; 0735-0748; again on return trip 0803-0806, 0813-0826
- 5 2 Fwy. upstream to Fletcher Dr.; 0748-0803, reaching Fletcher at 0756
- 6B Marsh Park area; 0806-0813

#### 15 January 2015

KLG survey. Parked at Sunnynook on east side of River. Surveyed up to Los Feliz, including pocket park. The across Sunnynook Bridge to cover Sunnynook River Park. Then downstream to Fletcher. Segments covered:

- 1 Los Feliz to Sunnynook Bridge; started 0724 hr. Clear, calm to light breeze, 48 deg F.; ended 0741, but more coverage 0748-0807.
  - 1A Pocket Park, south side of Los Feliz, 0741-0748
  - 2 Sunnynook Bridge to Glendale/Hyperion; started 0816 hr., ended 0832; again 0931-0938
  - 2A Sunnynook River Park (west side of river), 0807-0816
  - 3 Glendale/Hyperion to drop in river below pipe crossing; started 0833 hr, ended 0848; again 0919-0930
  - 4 Drop in river below pipe crossing to Fletcher; started 0849 hr, reaching Fletcher at 0909
- Survey completed (back at Sunnynook Bridge) 0938 hr; T up to 61 deg F.

#### 22 January 2015

KLG survey. Parked at end of Newell St. Surveyed downstream to lower end of study area, then upstream to Fletcher Dr. Segments covered:

- 7 Newell St. downstream, then back upstream to upstream limit of segment; started 0713 hr, ended 0749; some thin high clouds, calm, 48 deg F at start of survey
- 6 Upstream to Glendale Fwy (2) bridge; 0749-0806.
- 5 Glendale Fwy bridge upstream to Fletcher Dr.; 0807-0822
- 6B Marsh Park; 0828-0837

Survey completed (back at Newell St.) 0845 hr. Mostly clear, 57 deg F.

#### 12 March 2015

KLG survey. Parked at Sunnynook Dr.; worked upstream to Los Feliz pocket park, then back downstream to Fletcher Dr., making a detour across the Sunnynook Bridge to cover Sunnynook River Park. Segments covered:

- 1 Los Feliz to Sunnynook Bridge; 0744-0800, with additional coverage 0808-0825. At start of survey clear, calm, (Santa Ana conditions in foothills), 57 deg F.
- 1A Pocket park south of Los Feliz, 0800-0808.
- 2A Sunnynook River Park (west side of river); 0825-0837.
- 2 Sunnynook bridge downstream to Glendale/Hyperion; 0827-0842 and again 0942-0949.
- 3 Glendale/Hyperion to drop in river below pipe crossing; 0847-0858 and again 0933-0942.
- 4 Drop in river below pipe crossing downstream to Fletcher; 0858-0933.

Survey completed 0949 hr. (back at Sunnynook bridge); clear, calm, 68 deg F.

#### 13 March 2015

KLG survey. Parked at end of Newell St. Surveyed downstream to lower end of study area, then upstream to Fletcher Dr. Segments covered:

- 7 Newell St. downstream, then back upstream to upstream limit of segment; started 0716 hr, ended 0749; some thin high clouds, calm, 48 deg F at start of survey
- 6 Upstream to Glendale Fwy (2) bridge; 0751-0806.
- 5 Glendale Fwy bridge upstream to Fletcher Dr.; 0804-0819
- 6B Marsh Park; 0825-0838

Survey completed (back at Newell St.) 0845 hr. Clear, calm, 59-72 deg F.

#### 23 April 2015

KLG survey. Parked at Sunnynook Dr.; worked upstream to Los Feliz pocket park, then back downstream to Fletcher Dr., making a detour across the Sunnynook Bridge to cover Sunnynook River Park. Segments covered:

- 1 Los Feliz to Sunnynook Bridge; 0730-0751, again 0757-0818. At start of survey mostly cloudy, calm, 59 deg F.
- 1A Pocket park south of Los Feliz, 0751-0757.
- 2A Sunnynook River Park (west side of river); 0818-0825.
- 2 Sunnynook bridge downstream to Glendale/Hyperion; 0825-0835 and again 0933-0943.
- 3 Glendale/Hyperion to drop in river below pipe crossing; 0835-0848 and again 0920-0933.
- 4 Drop in river below pipe crossing downstream to Fletcher; 0848-0920.

Survey completed 0943 hr. (back at Sunnynook bridge); mostly cloudy, calm, 66 deg F.

#### 24 April 2015

KLG survey. Parked at end of Newell St. Surveyed downstream to lower end of study area, then upstream to Fletcher Dr. Segments covered:

- 7 Newell St. downstream, then back upstream to upstream limit of segment; started 0715 hr, ended 0755; cloudy, calm, 61 deg F at start of survey
- 6 Upstream to Glendale Fwy (2) bridge; 0755-0813.
- 5 Glendale Fwy bridge upstream to Fletcher Dr.; 0814-0830
- 6B Marsh Park; 0834-0847

Survey completed (back at Newell St.) 0858 hr. Mostly cloudy, calm, 66 deg F.

### 28 May 2015

KLG survey. Parked at Sunnynook Dr.; worked upstream to Los Feliz pocket park, then back downstream to Fletcher Dr., making a detour across the Sunnynook Bridge to cover Sunnynook River Park. Segments covered:

- 1 Los Feliz to Sunnynook Bridge; 0706-0723, again 0733-0748. At start of survey 100% low cloud cover, calm, 59 deg F.
- 1A Pocket park south of Los Feliz, 0724-0733.
- 2A Sunnynook River Park (west side of river); 0749-0800.
- 2 Sunnynook bridge downstream to Glendale/Hyperion; 0800-0815 and again 0918-0929.
- 3 Glendale/Hyperion to drop in river below pipe crossing; 0815-0829 and again 0908-0918.
- 4 Drop in river below pipe crossing downstream to Fletcher; 0829-0908.

Survey completed 0929 hr. (back at Sunnynook bridge); 20% low cloud cover, calm, 62 deg F.

### 29 May 2015

KLG survey. Parked at end of Newell St. Surveyed downstream to lower end of study area, then upstream to Fletcher Dr. Segments covered:

- 7 Newell St. downstream, then back upstream to upstream limit of segment; started 0715 hr, ended 0754; 100% low clouds, calm, 61 deg F at start of survey
- 6 Upstream to Glendale Fwy (2) bridge; 0754-0810.
- 5 Glendale Fwy bridge upstream to Fletcher Dr.; 0810-0824
- 6B Marsh Park; 0826-0837

Survey completed (back at Newell St.) 0848 hr. Still 100% low clouds, calm, 64 deg F.

### 2 July 2015

KLG survey. Parked at Sunnynook Dr.; worked upstream to Los Feliz pocket park, then back downstream to Fletcher Dr., making a detour across the Sunnynook Bridge to cover Sunnynook River Park. Segments covered:

- 1 Los Feliz to Sunnynook Bridge; 0706-0724, again 0730-0744. At start of survey 60% high cloud cover, calm, 73 deg F.
- 1A Pocket park south of Los Feliz, 0724-0730.
- 2A Sunnynook River Park (west side of river); 0744-0752.
- 2 Sunnynook bridge downstream to Glendale/Hyperion; 0752-0803 and again 0858-0903.
- 3 Glendale/Hyperion to drop in river below pipe crossing; 0803-0816 and again 0850-0858.
- 4 Drop in river below pipe crossing downstream to Fletcher; 0816-0850.

Survey completed 0903 hr. (back at Sunnynook bridge); 40% cloud cover, calm, 75 deg F.

### 3 July 2015

KLG survey. Parked at end of Newell St. Surveyed downstream to lower end of study area, then upstream to Fletcher Dr. Segments covered:

- 7 Newell St. downstream, then back upstream to upstream limit of segment; started 0713 hr, ended 0742; starting conditions: clear, calm, 66 deg F.
- 6 Upstream to Glendale Fwy (2) bridge; 0742-0755.
- 5 Glendale Fwy bridge upstream to Fletcher Dr.; 0755-0809.
- 6B Marsh Park; 0812-0822.

Survey completed (back at Newell St.) at 0835. Mostly clear, 73 deg F.

#### 20 August 2015

KLK survey. Parked at Sunnynook Dr.; worked upstream to Los Feliz pocket park, then back downstream to Fletcher Dr., making a detour across the Sunnynook Bridge to cover Sunnynook River Park. Segments covered:

- 1 Los Feliz to Sunnynook Bridge; 0725-0743, again 0751-0809. At start of survey 100% low cloud cover, calm, 70 deg F.
  - 1A Pocket park south of Los Feliz, 0743-0751.
  - 2A Sunnynook River Park (west side of river); 0809-0819.
  - 2 Sunnynook bridge downstream to Glendale/Hyperion; 0819-0835 and again 0935-0941.
  - 3 Glendale/Hyperion to drop in river below pipe crossing; 0835-0851 and again 0928-0935.
  - 4 Drop in river below pipe crossing downstream to Fletcher; 0851-0928.
- Survey completed 0941 hr. (back at Sunnynook bridge); still 100% cloud cover, calm, 73 deg F.

#### 21 August 2015

KLK survey. Parked at end of Newell St. Surveyed downstream to lower end of study area, then upstream to Fletcher Dr. Segments covered:

- 7 Newell St. downstream, then back upstream to upstream limit of segment; started 0717 hr, ended 0757; starting conditions: 100% low overcast, calm, 72 deg F.
- 6 Upstream to Glendale Fwy (2) bridge; 0757-0808.
- 5 Glendale Fwy bridge upstream to Fletcher Dr.; 0808-0829.
- 6B Marsh Park; 0831-0842.

Survey completed (back at Newell St.) at 0854. Still 100% overcast, 72 deg F.

#### 25 September 2015

KLK survey. Parked at Sunnynook Dr.; worked upstream to Los Feliz pocket park, then back downstream to Fletcher Dr., making a detour across the Sunnynook Bridge to cover Sunnynook River Park. Segments covered:

- 1 Los Feliz to Sunnynook Bridge; 0720-0734, again 0748-0802. At start of survey completely clear, calm, 70 deg F.
- 1A Pocket park south of Los Feliz, 0734-0748.
- 2A Sunnynook River Park (west side of river); 0810-0810.
- 2 Sunnynook bridge downstream to Glendale/Hyperion; 0810-0821 and again 0916-0922.
- 3 Glendale/Hyperion to drop in river below pipe crossing; 0822-0834 and again 0906-0915.
- 4 Drop in river below pipe crossing downstream to Fletcher; 0835-0906.

Survey completed 0922 hr. (back at Sunnynook bridge); still clear, calm, 75 deg F.

#### 26 September 2015

KLK survey. Parked at end of Newell St. Surveyed downstream to lower end of study area, then upstream to Fletcher Dr. Segments covered:

- 7 Newell St. downstream, then back upstream to upstream limit of segment; started 0732 hr, ended 0815; starting conditions: clear, calm, 70.4 deg F.
- 6 Upstream to Glendale Fwy (2) bridge; 0815-0827.
- 5 Glendale Fwy bridge upstream to Fletcher Dr.; 0827-0846.
- 6B Marsh Park; 0850-0910.

Survey completed (back at Newell St.) at 0915. Still clear, calm, 80 deg F.

## Appendix L

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### Biota – Scientific Names of Bird Species Mentioned in Text

("I" indicates introduced or feral).

## **ANSERIFORMES**

### **Anatidae - Swans, Geese, and Ducks**

Graylag Goose *Anser anser* – I  
Swan Goose *Anser cygnoides* – I  
Canada Goose *Branta canadensis*  
Muscovy Duck *Cairina moschata* – I  
Wood Duck *Aix sponsa*  
Gadwall *Anas strepera*  
American Wigeon *Anas americana*  
Mallard *Anas platyrhynchos*  
Blue-winged Teal *Anas discors*  
Cinnamon Teal *Anas cyanoptera*  
Northern Shoveler *Anas clypeata*  
Green-winged Teal *Anas crecca*  
Bufflehead *Bucephala albeola*  
Hooded Merganser *Lophodytes cucullatus*  
Common Merganser *Mergus merganser*  
Ruddy Duck *Oxyura jamaicensis*

## **PODICIPEDIFORMES**

### **Podicipedidae - Grebes**

Pied-billed Grebe *Podilymbus podiceps*

## **SULIFORMES**

### **Phalacrocoracidae - Cormorants**

Double-crested Cormorant *Phalacrocorax auritus*

## **PELECANIFORMES**

### **Ardeidae - Bitterns and Herons**

Great Blue Heron *Ardea herodias*  
Great Egret *Ardea alba*  
Snowy Egret *Egretta thula*  
Cattle Egret *Bubulcus ibis*  
Green Heron *Butorides virescens*  
Black-crowned Night-Heron *Nycticorax nycticorax*

## **ACCIPITRIFORMES**

### **Cathartidae - New World Vultures**

Turkey Vulture *Cathartes aura*

### **Pandionidae - Osprey**

Osprey *Pandion haliaetus*

### **Accipitridae - Kites, Eagles, Hawks, and Allies**

Cooper's Hawk *Accipiter cooperii*  
Red-shouldered Hawk *Buteo lineatus*  
Red-tailed Hawk *Buteo jamaicensis*

## **GRUIFORMES**

### **Rallidae - Rails, Gallinules, and Coots**

American Coot *Fulica americana*

## **CHARADRIIFORMES**

### **Recurvirostridae - Stilts and Avocets**

Black-necked Stilt *Himantopus mexicanus*

### **Charadriidae - Plovers and Lapwings**

Killdeer *Charadrius vociferous*

### **Scolopacidae - Sandpipers, Phalaropes, and Allies**

Spotted Sandpiper *Actitis macularia*  
Greater Yellowlegs *Tringa melanoleuca*  
Least Sandpiper *Calidris minutilla*  
Western Sandpiper *Calidris mauri*  
Wilson's Snipe *Gallinago delicata*

- Laridae - Gulls, Terns, and Skimmers**
  - Ring-billed Gull *Larus delawarensis*
  - Western Gull *Larus occidentalis*
  - California Gull *Larus californicus*
  - Herring Gull *Larus argentatus*
  - Glaucous-winged Gull *Larus glaucescens*
- COLUMBIFORMES**
  - Columbidae - Pigeons and Doves**
    - Rock Pigeon *Columba livia* - I
    - Band-tailed Pigeon *Patagioenas fasciata*
    - Eurasian Collared-Dove *Streptopelia decaocto* - I
    - Spotted Dove *Streptopelia chinensis* - I
    - Mourning Dove *Zenaida macroura*
- APODIFORMES**
  - Apodidae - Swifts**
    - Vaux's Swift *Chaetura vauxi*
    - White-throated Swift *Aeronautes saxatalis*
  - Trochilidae - Hummingbirds**
    - Black-chinned Hummingbird *Archilochus alexandri*
    - Anna's Hummingbird *Calypte anna*
    - Allen's Hummingbird *Selasphorus sasin*
- CORACIIFORMES**
  - Alcedinidae - Kingfishers**
    - Belted Kingfisher *Megaceryle alcyon*
- PICIFORMES**
  - Picidae - Woodpeckers and Allies**
    - Nuttall's Woodpecker *Picoides nuttallii*
    - Downy Woodpecker *Picoides pubescens*
    - Northern Flicker *Colaptes auratus*
- FALCONIFORMES**
  - Falconidae - Caracaras and Falcons**
    - American Kestrel *Falco sparverius*
    - Peregrine Falcon *Falco peregrinus*
- PSITTACIFORMES**
  - Psittacidae – African and New World Parrots**
    - Mitred Parakeet *Psittacara mitratus* - I
    - Yellow-chevroned Parakeet *Brotogeris chiriri* - I
    - Red-crowned Parrot *Amazona viridigenalis* - I
- PASSERIFORMES**
  - Tyrannidae - Tyrant Flycatchers**
    - Western Wood-Pewee *Contopus sordidulus*
    - Willow Flycatcher *Empidonax traillii*
    - Pacific-slope Flycatcher *Empidonax difficilis*
    - Black Phoebe *Sayornis nigricans*
    - Say's Phoebe *Sayornis saya*
    - Ash-throated Flycatcher *Myiarchus cinerascens*
    - Cassin's Kingbird *Tyrannus vociferans*
    - Western Kingbird *Tyrannus verticalis*
  - Vireonidae - Vireos**
    - Bell's Vireo *Vireo bellii*
    - Warbling Vireo *Vireo gilvus*
  - Corvidae - Jays, Magpies, and Crows**
    - Western Scrub-Jay *Aphelocoma californica*
    - American Crow *Corvus brachyrhynchos*
    - Common Raven *Corvus corax*



**Hirundinidae - Swallows**

Tree Swallow *Tachycineta bicolor*  
Violet-green Swallow *Tachycineta thalassina*  
Northern Rough-winged Swallow *Stelgidopteryx serripennis*  
Cliff Swallow *Petrochelidon pyrrhonota*  
Barn Swallow *Hirundo rustica*

**Paridae - Chickadees and Titmice**

Oak Titmouse *Baeolophus inornatus*

**Aegithalidae - Long-tailed Tits and Bushtits**

Bushtit *Psaltiriparus minimus*

**Troglodytidae - Wrens**

House Wren *Troglodytes aedon*  
Marsh Wren *Cistothorus palustris*  
Bewick's Wren *Thryomanes bewickii*

**Poliophtilidae - Gnatcatchers**

Blue-gray Gnatcatcher *Poliophtila caerulea*

**Pycnonotidae – Bulbuls**

Red-whiskered Bulbul *Pycnonotus jocosus* – I

**Regulidae - Kinglets**

Ruby-crowned Kinglet *Regulus calendula*

**Turdidae – Thrushes**

Western Bluebird *Sialia mexicana*  
Hermit Thrush *Catharus guttatus*  
American Robin *Turdus migratorius*

**Mimidae - Mockingbirds and Thrashers**

Northern Mockingbird *Mimus polyglottos*

**Sturnidae - Starlings**

European Starling *Sturnus vulgaris* - I

**Motacillidae - Wagtails and Pipits**

American Pipit *Anthus rubescens*

**Bombycillidae - Waxwings**

Cedar Waxwing *Bombycilla cedrorum*

**Ptiliognatidae - Silky-flycatchers**

Phainopepla *Phainopepla nitens*

**Parulidae - Wood-Warblers**

Northern Waterthrush *Parkesia noveboracensis*  
Orange-crowned Warbler *Oreothlypis celata*  
Nashville Warbler *Oreothlypis ruficapilla*  
MacGillivray's Warbler *Geothlypis tolmiei*  
Common Yellowthroat *Geothlypis trichas*  
Northern Parula *Setophaga americana*  
Yellow Warbler *Setophaga petechia*  
Yellow-rumped Warbler *Setophaga coronata*  
Prairie Warbler *Setophaga discolor*  
Black-throated Gray Warbler *Setophaga nigrescens*  
Townsend's Warbler *Setophaga townsendi*  
Wilson's Warbler *Cardellina pusilla*  
Yellow-breasted Chat *Icteria virens*

**Emberizidae - New World sparrows**

Spotted Towhee *Pipilo maculatus*  
California Towhee *Melospiza crissalis*  
Savannah Sparrow *Passerculus sandwichensis*  
Song Sparrow *Melospiza melodia*  
Lincoln's Sparrow *Melospiza lincolnii*  
White-crowned Sparrow *Zonotrichia leucophrys*  
Dark-eyed Junco *Junco hyemalis*

**Cardinalidae - Cardinals and Allies**

Scarlet Tanager *Piranga olivacea*  
Western Tanager *Piranga ludoviciana*  
Black-headed Grosbeak *Pheucticus melanocephalus*  
Blue Grosbeak *Passerina caerulea*  
Lazuli Bunting *Passerina amoena*

**Icteridae - Blackbirds and Allies**

Red-winged Blackbird *Agelaius phoeniceus*  
Tricolored Blackbird *Agelaius tricolor*  
Western Meadowlark *Sturnella neglecta*  
Yellow-headed Blackbird *Xanthocephalus xanthocephalus*  
Brewer's Blackbird *Euphagus cyanocephalus*  
Great-tailed Grackle *Quiscalus mexicanus*  
Brown-headed Cowbird *Molothrus ater*  
Hooded Oriole *Icterus cucullatus*  
Bullock's Oriole *Icterus bullockii*

**Fringillidae - Finches and Allies**

House Finch *Haemorhous mexicanus*  
Lesser Goldfinch *Spinus psaltria*  
American Goldfinch *Spinus tristis*

**Passeridae - Old World Sparrows**

House Sparrow *Passer domesticus* - I

**Ploceidae – Weavers**

Orange Bishop *Euplectes franciscanus* – I  
Zanzibar Red Bishop *Euplectes nigriventris* – I  
Golden Weaver *Ploceus subaureus* – I

**Estrildidae - Estrildid Finches**

Scaly-breasted Munia *Lonchura punctulata* – I  
Orange-cheeked Waxbill *Estrilda melpoda* – I  
Black-rumped Waxbill *Estrilda troglodytes* – I

## Appendix M

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### Biota – Bird Species Recorded by Survey Segment

Elysian Valley: Los Feliz Blvd to Taylor Yard  
Los Angeles River Habitat Enhancement Study and Opportunities Assessment

TAXON #	SPECIES	Survey Segments										Total Indiv	Out of Channel
		1	1A	2	2A	3	4	5	6	6B	7		
25	Swan Goose (domestic) FERAL	5		1								6	
26	Graylag Goose (domestic) FERAL	4		1								5	
70	Canada Goose	90				1	15				6	112	
95	Muscovy Duck (domestic) FERAL	23		1								24	
96	Muscovy X Mallard FERAL	4										4	
110	Gadwall	2										2	
130	American Wigeon	93		9								102	
140	Mallard	675		197		178	244	150	18		31	1493	
141	Mallard (domestic) FERAL	88										88	
160	Cinnamon Teal					2						2	
330	Bufflehead	4										4	
360	Hooded Merganser	4			1		4	4	1		1	15	
370	Common Merganser					1	1					2	
390	Ruddy Duck						2					2	
480	Pied-billed Grebe	3				10	1		3			17	
850	Double-crested Cormorant	15		59		4	6	1	4		3	92	
910	Great Blue Heron	8		4		7	10	2	5		1	37	
920	Great Egret	1		1		3	1		1		2	9	
930	Snowy Egret	4		3		3			4			14	
980	Green Heron	1		2		2	7	2	5		1	20	
990	Black-crowned Night-Heron	8				3	2	2	4		1	20	
1060	Osprey	3				1	1	1			3	9	
1120	Cooper's Hawk					1			1		1	3	
1150	Red-shouldered Hawk	1										1	
1190	Red-tailed Hawk			1				2	1		3	7	
1300	American Coot	397		22		101	32	8	17		1	578	
1320	Black-necked Stilt	74		1		16	76	40	4		7	218	
1390	Killdeer	8		1		3	7		2		7	28	
1450	Spotted Sandpiper	21		5		8	10	9	5		1	59	

Elysian Valley: Los Feliz Blvd to Taylor Yard  
Los Angeles River Habitat Enhancement Study and Opportunities Assessment

TAXON #	SPECIES	Survey Segments										Total Indiv	Out of Channel
		1	1A	2	2A	3	4	5	6	6B	7		
1490	Greater Yellowlegs	6				2	2	1				11	
1720	Least Sandpiper	13		1		13	1					28	
2110	Ring-billed Gull	1		1								2	
2120	Western Gull	11		2		3	20	1	4		1	42	
2140	California Gull	3		8	4	15	14	30	26		1	101	
2150	Herring Gull								2			2	
2180	Glaucous-winged Gull								1			1	
2310	Rock Pigeon FERAL	289		7	19	524	121	42	4	1	10	1017	22 of 68
2320	Band-tailed Pigeon		1		7	4				1	12	25	
2330	Eurasian Collared-Dove INTRO	1		1		2		3		1		8	
2390	Mourning Dove	9	1	14	4	22	9	9	13	8	65	154	40 of 69
2600	Vaux's Swift	15						30	3			48	
2610	White-throated Swift					1	3		2	1	2	9	
2620	Black-chinned Hummingbird		2							1	4	7	
2630	Anna's Hummingbird	11	1	5	11	7	16	3	3	14	40	111	38 of 56
2665	Rufous/Allen's Hummingbird	6	4	1	5	1		1	1	2	4	25	
2670	Allen's Hummingbird	3	8	3	3	6	5			6	3	37	33 of 41
2710	Belted Kingfisher	2		3		1	2	3	1		2	14	
2810	Nuttall's Woodpecker	1	1	3			3	1		1	10	20	14 of 20
2820	Downy Woodpecker		1					2				3	
2850	Northern Flicker			1					1			2	
2900	Peregrine Falcon	1										1	
2917	Yellow-chevroned Parakeet INTRO	100		5					9	2	2	118	
2920	Red-crowned Parrot INTRO						6				26	32	
2950	Western Wood-Pewee	1					1					2	
3010	Pacific-slope Flycatcher	1										1	
3020	Black Phoebe	48	3	27	5	17	65	30	22	8	62	287	42 of 127
3070	Ash-throated Flycatcher										1	1	
3120	Cassin's Kingbird		1	1	2	3	2			1	3	13	9 of 10

Elysian Valley: Los Feliz Blvd to Taylor Yard  
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TAXON #	SPECIES	Survey Segments										Total Indiv	Out of Channel
		1	1A	2	2A	3	4	5	6	6B	7		
3140	Western Kingbird								1			1	
3270	Warbling Vireo	1	1				1			1	1	5	
3330	Western Scrub-Jay	5		5	1	5	6			1	1	24	20 of 21
3360	American Crow	3		2	1	1	10	8	3	1	25	54	13 of 26
3370	Common Raven	5	2	3	3	7	4	2	1	2	7	36	21 of 27
3420	Northern Rough-winged Swallow	4	3	5	1	12	16	6	5	1	16	69	
3440	Cliff Swallow	4				1		5			2	12	
3450	Barn Swallow	54		6		8	17	20	14	2	25	146	
3455	swallow, sp.										2	2	
3490	Bushtit	103	31	62	42	49	97	8	35	28	110	565	50 of 85
3560	House Wren	1										1	
3600	Bewick's Wren		1		1				6		13	21	2 of 16
3655	Red-whiskered Bulbul INTRO	4	1	3	2	2	1					13	
3670	Ruby-crowned Kinglet	7	4	6	2		8	2	4	2	16	51	13 of 27
3740	Western Bluebird										2	2	
3790	Hermit Thrush					1	1				1	3	
3810	American Robin	1	1									2	
3900	Northern Mockingbird	12		13	11	18	15	2	1	17	11	100	47 of 52
3910	European Starling INTRO			23		9	10	5		4	30	81	21 of 23
3950	American Pipit										1	1	
3980	Cedar Waxwing	43		48				11				102	
3990	Phainopepla						1					1	
4060	Northern Waterthrush			1								1	
4120	Orange-crowned Warbler	2	3		1		1		4	5	6	22	9 of 18
4160	MacGillivray's Warbler										1	1	
4190	Common Yellowthroat	30		16	1	14	47	11	34	2	54	209	4 of 58
4230	Northern Parula						1					1	
4270	Yellow Warbler	29	4	18		7	18	4	11		44	135	7 of 44
4329	Myrtle Warbler		1		1	2	1					5	
4330	Audubon's Warbler	42	24	24	24	10	28	17	13	7	47	236	34 of 57

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TAXON #	SPECIES	Survey Segments										Total Indiv	Out of Channel
		1	1A	2	2A	3	4	5	6	6B	7		
4370	Black-throated Gray Warbler	1	1				2					4	
4380	Townsend's Warbler	1	7	1			2				4	15	
4420	Wilson's Warbler	3	3	1		2	3				5	17	7 of 13
4455	warbler, sp		1									1	
4480	California Towhee	4	1	2	6			1	1			15	10 of 12
4680	Song Sparrow	26		20		5	67	13	25		64	220	1 of 50
4690	Lincoln's Sparrow	1		1		1	2			3		8	
4730	White-crowned Sparrow	15		6	9	1	1		1	16	7	56	10 of 17
4790	Western Tanager		1	1							1	3	
4820	Black-headed Grosbeak				1							1	
4900	Red-winged Blackbird	4		9		31	20	1	4		17	86	1 of 30
4920	Western Meadowlark							1				1	
4950	Brewer's Blackbird					21						21	
4990	Brown-headed Cowbird	9		6		6	10	8	5	1	20	65	4 of 31
5010	Hooded Oriole		2	6		5	3			3	4	23	13 of 17
5030	Bullock's Oriole			4								4	
5060	House Finch	40	16	19	21	28	63	15	17	35	100	354	61 of 81
5120	Lesser Goldfinch	3	2	2	8	2	16	2			8	43	15 of 18
5140	American Goldfinch	4	5	4			4	2	5	4	31	59	8 of 24
5160	House Sparrow INTRO	74	4	21		54	31	39		39	137	399	49 of 62
5165	Northern Red Bishop INTRO										2	2	
5170	Scaly-breasted Munia INTRO	53		43		25	74	42	14		39	290	7 of 63
5171	Orange-cheeked Waxbill INTRO						1					1	
	TOTAL SPECIES	76	34	63	29	60	66	48	51	34	68		
	TOTAL INDIVIDUALS	2646	142	772	197	1292	1271	602	371	221	1171	8685	
	AREA OF SEGMENT IN HECTARES	9.5	0.8	4.2	1.9	6.3	9.5	4.8	7.5	1.6	11.7		
	INDIVIDUALS/HECTARE	278.5	177.5	183.8	103.7	205.1	133.8	125.4	49.5	138.1	100.1		
	INIV/HECTARE/SURVEY	34.8	22.2	23	13	25.6	16.7	15.7	6.2	17.2	12.5		