

Devil's Gate Reservoir Restoration Project 2021 Nesting Bird Log (Through July 28, 2021)

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
ACWO-1	Acorn Woodpecker	2/18/2021	Nest building	34.1906526069669, -118.17583065808	~40 ft up on NE facing side of bare cottonwood tree. ACWO adult male observed excavating the hole; possible nest site this spring.	40	3/24/2021	Active	Nest building
							4/14/2021	Active	Nest Building
							07/06/2021	Active	Feeding Young
							07/07/2021	Inactive	No activity at nest
BUSH-1	Bushtit	2/24/2021	Nest building	34.1894936403514, -118.177542530612	On the west side of the road approximately 12 ft up in an oak branch that sticks out eastward at edge of the pathway/access road.	50	3/16/2021	Active	Nest building
							4/18/2021	Active	Incubating
							7/6/2021	Inactive	Unable to locate nest, likely fledged based on timing.
NUWO-1	Nuttall's woodpecker	3/1/2021	Nest building	34.1917315176056, -118.173614580134	NW facing cavity in main trunk of willow tree 15 feet up and 15 feet south of trail. visible from the north and northwest on trail.	50	3/08/2021	Active	Nest building
							3/17/2021	Active	Nest building
							4/14/2021	Active	Nest building
							5/18/2021	Active	Feeding Young
							6/15/2021	Inactive	Possibly Fledged
ACWO-2	Acorn Woodpecker	3/1/2021	Nest building	34.1853541446613, -118.173545811943	Northern facing cavity approximately 50 feet off the ground in northern post of two post power pole under uppermost horizontal plank.	30	4/1/2021	Active	Incubating
CASJ-1	California scrub-jay	3/3/2020	Nest building	34.1938994459831, -118.172092070552	0-4ft high in a patch of mule fat and dead hemlock.	60	3/11/2021	Active	Possibly incubating
							6/7/2021	Inactive	Possibly fledged
ANHU-1	Anna's hummingbird	3/8/2021	Nest building	34.1875445418102, -118.177041946462	95% complete. 15' AGL 1/3 way up small willow 5" from trunk on	50	3/17/2021	Active	Incubating
							4/14/2021	Active	Feeding young

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
					SE extending twig. Sitting in nest and occasionally lining with fluff.		05/04/2021	Inactive	Fledged
ANHU-2	Anna's hummingbird	2/7/2021	Incubating	34.1889884653261, -118.17720695246	Approximately 20 ft above ground level on small horizontal branch of a willow	50	3/08/2021	Active	Incubating
							03/18/2021	Active	Feeding Young
							05/04/2021	Inactive	Fledged
BUSH-2	Bushtit	2/27/2021	Nest building	34.1873553883811, -118.177441379607	Nest is in a large eucalyptus tree approximately 35 ft above ground level. The nest is located approximately 15 feet up the main southern branch of the tree. visible from the dirt slope west of the tree.	50	03/08/2021	Active	Nest Building
							03/18/2021	Inactive	Fledged
ANHU-3	Anna's hummingbird	3/6/2021	Incubating	34.1879664970756, -118.178183011462	Located in the southeast quadrant of a very small willow. Nest is on a thick horizontal branch approximately 12 above ground level and is visible from the top of the dirt slope to the east of the tree.	50	3/8/2021	Active	Incubating
							3/29/2021	Active	Feeding young
CASJ-2	California scrub-jay	3/7/2021	Nest building	34.1865723428329, -118.177617045196	In laurel sumac shrub just west of paved road.	75	3/8/2021	Active	Nest Building
							5/17/2021	Inactive	Possibly Fledged
BUSH-3	Bushtit	3/6/2021	Nest building	34.1861367722258, -118.177225534344	Approximately 10 feet off the ground in a coast live oak tree just south of the truck exit ramp.	50	3/8/2021	Active	Nest building
							4/9/2021	Active	Nest building
							4/14/2021	Active	Incubating
							4/26/2021	Active	Feeding young
							5/7/2021	Inactive	Fledged
BUSH-4	Bushtit	2/27/2021	Nest building	34.1866355751748, -118.17737742951	Located in oak tree on slope east of dirt park road. Nest is approximately 15 feet above ground in the eastern quadrant of the tree, next to an old BUSH nest. The nest is partially visible	50	3/8/2021	Active	Incubating
							4/26/2021	Active	Feeding young

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
					from the northeast at the bottom of the slope		05/18/2021	Inactive	Fledged
CASJ-3	California scrub-jay	3/8/2021	Nest building	34.1946713924241, -118.169845767921	Nest is approximately 30 feet off the ground in coast live oak just west of trail.	60	3/8/2021	Active	Nest building
							4/1/2021	Active	Nest Building
							4/26/2021	Active	Incubating
							05/18/2021	Inactive	Presumed fledged
CASJ-4	California scrub-jay	3/11/2021	Incubating	34.1937763923225, -118.173555407049	3 feet up on the north side of small 6ft tall tree tobacco on a slope surrounded by dense mule fat.	60	3/12/2021	Active	Nest building
							3/26/2021	Active	Incubating
							4/12/2021	Inactive	Nest failed – possible predation
ACWO-4	Acorn woodpecker	3/15/2021	Nest building	34.195036259925, -118.173262189699	Cavity on the NW side of a log strapped to a telephone pole, roughly 20 feet above ground.	50	3/15/2021	Active	Nest building
CASJ-5	California scrub-jay	3/16/2021	Nest building	34.1930123679823, -118.172677263645	7 feet above ground in a horizontal willow entanglement with a lot of dead branches and leaves (looks like a big "X"). Nest is fairly exposed; these willows are still dormant.	80	N/A	N/A	N/A
CASJ-6	California scrub-jay	3/16/2021	Nest building	34.1912962737808, -118.17226352499	Inside of an elderberry, exact location unknown.	60	3/16/2021	Active	Nest building
							4/16/2021	Active	Incubating
							5/04/2021	Active	Feeding Young
							5/21/2021	Inactive	Fledged
BUSH-5	Bushtit	3/16/2021	Nest building	34.191705077734, -118.176184216863	15 ft up in center-top of medium-sized coast live oak. Tree is along main road near pole-mounted air-quality monitoring station, at a frisbee golf station. Main structure completed; birds are working on inside.	50	4/28/2021	Inactive	Nest failed
ANHU-4		3/17/2021				50	3/22/2021	Active	Feeding young

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
	Anna's hummingbird		Feeding young	34.1930120314676, -118.174126299854	18' AGL on south extending branch of small dormant willow, just west of new channel, 18" from trunk 2' from top of tree. Female seen feeding 1 hatchling (1 day old) and sitting in nest.		3/30/2021	Active	Feeding young
							4/5/2021	Active	Feeding young
							4/9/2021	Inactive	Fledged
BUSH-6	Bushtit	3/17/2021	Nest building	34.1917445395842, -118.173541776183	15' AGL in dead clump of leaves of broken branch of small willow on south side of trail and 65' line of site from basin, just starting, 5% complete.	50	3/25/2021	Inactive	Nest Failed – branch downed in winds 10% completed nest abandoned
CASJ-7	California scrub-jay	3/17/2021	Nest building	34.1922898799976, -118.176286065988	20 ft up in coast live oak. Outside main project area. CASJ delivering stick to area about 2/3 up into canopy, SE quadrant of tree.	60	3/23/2021	Active	Nest building
CATH-1	California thrasher	3/17/2021	Nest building	34.190867493283, -118.174631936467	Thick mule fat scrub north of small cottonwood.	50	3/24/2021	Inactive	No nest found
ACWO-3	Acorn woodpecker	3/17/2021	Incubating	34.1928610021999, -118.170771730648	Approximately 12 ft off the ground in western facing hole of a western sycamore tree. Best viewed from west facing east.	30	4/26/2021	Active	Incubating
							7/23/2021	Inactive	Possibly fledged
CATH-2	California thrasher	3/18/2021	Nest building	34.18809707381, -118.173023694792	South end of DG-2, west side, in large clump of mature mule fat.	50	4/16/2021	Active	No Activity-possibly incubating
							4/26/2021	Active	No Activity-possibly incubating or abandoned
							05/26/2021	Inactive	Possibly Fledged
ANHU-5	Anna's hummingbird	3/22/2021	Nest building	34.1928389392575, -118.174336603526	12 ft AGL in 4" dbh dormant willow, against main trunk, SSW side of trunk, above small brush pile. 35 ft from channel that bends	50	4/8/2021	Active	Incubating
							4/19/2021	Active	Feeding young
							4/26/2021	Inactive	Fledged

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
					around nest site. About 1/2 completed.				
ANHU-6	Anna's hummingbird	3/14/2021	Incubating	34.1873243160194, -118.176908605972	In willow tree in salix woodland. Roughly 15 feet above ground on a south facing branch about 2 inches from the main trunk.	50	3/23/2021	Active	Feeding young
							4/26/2021	Inactive	Fledged
ANHU-7	Anna's hummingbird	3/20/2021	Incubating	34.1881342854568, -118.17729029731	in ash tree in salix/fraxinus woodland. Roughly 20 feet up in an east facing branch about 2 feet from the second largest branch.	50	3/23/2021	Active	Incubating
							3/29/2021	Active	Incubating
							5/18/2021	Inactive	Fledged
BUSH-7	Bushtit	3/24/2021	Nest building	34.1914166584859, -118.174178647504	Located approximately 10 feet off the ground in southwestern quadrant of black willow tree. Best viewed from the north looking south.	50	4/8/2021	Active	Nest building
							4/28/2021	Active	Incubating
							6/18/2021	Inactive	Possibly fledged
CASJ-8	California scrub-jay	3/24/2021	Nest building	34.1934534714936, -118.174717719958	15 feet up in a coast live oak which overhangs the trail.	50	3/26/2021	Active	Nest building
							7/8/2021	Inactive	Possibly fledged
CORA-1	Common raven	3/25/2021	Incubating	34.1860162962035, -118.178629271226	Under shelf of I-210 in top of eucalyptus	100	4/14/2021	Active	Incubating
							5/04/2021	Active	Feeding Young
ANHU-8	Anna's hummingbird	3/29/2021	Incubating	34.187247425416, -118.176858552758	15 ft up in willow tree on east facing branch, female in incubating position.	50	4/26/2021	Active	Feeding young
							5/18/2021	Inactive	Fledged
LEGO-1	Lesser goldfinch	3/29/2021	Nest building	34.1872050952096, -118.176921783367	Approximately 25ft up in willow tree at branch fork.	50	4/12/2021	Inactive	Nest failed – observed bushtits removing material from nest

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
BUSH-8	Bushtit	3/29/2021	Nest building	34.1928451005564, -118.174232494191	14 ft up in small forked dormant willow (dbh 6" below fork). Just getting started on top webbing; indistinguishable were it not for birds working that spot.	50	4/12/2021	Inactive	Nest failed – abandoned and rebuilt nearby
BUSH-9	Bushtit	3/30/2021	Nest building	34.1907918602434, -118.175426531243	20 ft up in Eucalyptus, in leaf clump near a long horizontal 3" dbh limb, directly over maintained planted area. Nest is still just a long 'blanket' and hasn't attained the bulbous shape yet.	50	4/20/2021	Active	Incubating
							4/28/2021	Inactive	Nest failed – seen on ground, possibly blown out of tree by wind.
ACWO-5	Acorn woodpecker	4/1/2021	Nest building	34.1925664200116, -118.175343100078	15 feet up in facing East on a willow.	30	N/A	N/A	N/A
BUSH-10	Bushtit	4/1/2021	Nest building	34.1903301170521, -118.177156357444	Approximately 7-ft up hanging in a semi dead-looking branch of an oak tree directly on the edge of the road.	50	4/18/2021	Active	Incubating
							4/18/2021	Inactive	Fledged
CLSW-1	Cliff swallow	4/1/2021	Nest building	34.1854041581247, -118.17490706659	Under eve of dam on north side.	30	4/16/2021	Active	Incubating
							5/20/2021	Inactive	Fledged
BEWR-1	Bewick's wren	4/6/2021	Nest building	34.1927060713147, -118.173946865025	In a pile of vegetation on the ground which had been left by the crew on a previous day. Adult observed dropping off nesting materials, nest not actually observed.	50	4/19/2021	Active	Incubating
							4/26/2021	Active	Feeding young
							5/03/2021	Active	Feeding Young
							6/31/2021	Inactive	Possibly fledged
SOSP-1	Song sparrow	4/7/2021	Nest building	34.1902087440003, -118.175152299037	Ground nest. At edge of clearing. Directly under north facing drip line of a large cottonwood. (Upon discovery-nest appeared fully built, but adult continued to deliver material)	50	5/18/2021	N/A	No song sparrow activity but no eyes on nest to verify. Likely fledged based on date.

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BUSH-11	Bushtit	4/8/2021	Nest building	34.1932235770916, -118.174283398984	8 feet up in a willow under a tangle of branches north of the main trunk. Adults observed depositing nesting material twice. Nest appears to be 3 tiny pieces of toilet paper or something similar held together by spiderwebs. Nest was likely begun today.	50	4/19/2021	Inactive	Nest Failed – no further nest building occurred since initial observation
BUSH-12	Bushtit	4/9/2021	Nest building	34.1899376768767, -118.171789016185	Approx 8ft off the ground directly over the E side of the access road in a west reaching branch of a love oak tree.	50	4/15/2021	Active	Nest building (dismantling nest)
							4/26/2021	Inactive	Nest failed – nest no longer present
CATH-3	California thrasher	4/9/2021	Nest building	34.1889719546536, -118.172571557441	In mulefat bush. Observed CATH bring nesting material into mulefat bush	75	4/26/2021	Active	Nest building
							5/18/2021	Active	Feeding Young
							5/20/2021	Inactive	Possibly Fledged
CALT-1	California towhee	4/9/2021	Nest building	34.1901723336135, -118.171990021363	In mulefat in the middle of restoration area. Adult was observed carrying nesting material.	75	4/26/2021	Active	Nest building
							5/12/2021	Inactive	Inactive – possibly abandoned
BEWR-2	Bewick's wren	4/9/2021	Nest building	34.1901836780272, 34.1901836780272	In mulefat thicket. Observed BEWR carrying nesting material. Could not determine exact location of nest.	60	7/13/2021	Inactive	Possibly fledged
LEGO-2	Lesser goldfinch	4/9/2021	Nest building	34.1907591371794, -118.172355373265	In branch of mulefat, pair of LEGO collecting nesting material and depositing it in the same location. Nest appears to be about 5% complete	50	4/21/2021	Active	No activity/nest observed. Will follow up
							5/20/2021	Inactive	Nest Failed – possibly abandoned nest building effort

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MODO-1	Mourning dove	4/9/2021	Nest building	34.1915785477447, -118.175964647994	10 feet from ground on a bifurcation in a willow. Adult observed gathering nesting materials rapidly. A crew was working very close by at the time of discovery and the bird was unfazed, continuing building. Nest is in very early stages.	30	4/28/2021	Inactive	Nest Failed – pair has moved to MODO-3 nest location
BUSH-13	Bushtit	3/29/2021	Nest building	34.1931003284318, -118.174353953563	14 ft up in small forked dormant willow (dbh 6" below fork). Just getting started on top webbing; indistinguishable were it not for birds working that spot.	50	4/12/2021	Inactive	Nest Failed – abandoned, new nest nearby
WREN-1	Wrentit	4/12/2021	Nest building	34.186771665032, -118.176867683272	Within annual emergent vegetation regrowth. exact location unknown. on slope east of the patch of dry cocklebur. individual observed bringing nesting material into vegetation	75	5/18/2021	N/A	No wrentit detected in area, but no eyes on nest to determine status.
							6/2/2021	N/A	No wrentit heard or observed in vicinity of the approximate nest location. Several SOSP calling in vicinity.
							7/28/2021	Inactive	Possibly fledged
CASJ-9	California scrub jay	4/12/2021	Nest building	34.1933840383284, -118.173428224523	Location approximate. Jays from CASJ_4 rebuilding in mule fat thicket on north side of young planted willows at edge of CSS. Didn't observe nest; needs follow-up. Birds were gathering twigs from large willow near CASJ_4.	50	6/7/2021	Inactive	Nest failed – likely moved to adjacent nest.
BUSH-14	Bushtit	4/12/2021	Nest building	34.1907173585425, -118.171406220686	Bushtits observed nest building in willow/marah vine at southeast corner of Johnson field.	50	4/14/2021	Active	Nest building
							4/26/2021	Active	Incubating
							5/19/2021	Inactive	Nest Failed-likely predated

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LEGO-3	Lesser goldfinch	4/12/2021	Incubating	34.1884303495243, -118.17795715344	In small tree on slope, lesser goldfinch observed sitting on nest in incubating position	50	7/6/2021	Active	Incubating – possible second clutch
BUSH-15	Bushtit	4/12/2021	Nest building	34.1878536468888, -118.177876305126	Nest located in oak/marah vine along park road.	50	4/30/2021	Inactive	Fledgling close to nest.
CASJ-10	California Scrub-jay	4/13/2021	Nest building	34.193591511927, -118.173568478448	8 feet up in a willow abutting the channel. Nest is in very early stages, 2 adults observed making multiple trips with small twigs to nest site.	60	4/26/2021	Active	Incubating
							5/03/2021	Active	Incubating
							06/08/21	Inactive	Fledged
CASJ-11	California Scrub-jay	4/14/2021	Nest building	34.1902619535049, -118.176961496728	18' AGL on north side of black willow trunk in clump of poison oak. Pair seen carrying short sticks and arranging and chasing off Stellar's jay. Photos from SE looking NW toward trail and powerlines.	50	6/15/2021	Inactive	Nest never completed.
CALT-2	California towhee	4/14/2021	Nest building	34.1937527207777, -118.174090449833	8 feet up on the central trunk of a 12-foot-high coast live oak. Adult observed making trips with green vegetation and small twigs. Nest appears near 50% complete. Best viewed from road and adjacent planted area.	50	6/30/2021	Inactive	Nest failed – never completed.
ANHU-9	Anna's hummingbird	4/14/2021	Nest building	34.1886353630306, -118.177138645505	12' above west edge of dry wash bank on east extending slim limb of black willow, lower fork within 2" of only major fork. Female just placed 1st layer of nest.	50	5/4/2021	Active	Incubating. Female seen sitting in nest.
							6/15/2021	Inactive	Fledged
BUSH-16	Bushtit	4/14/2021	Nest building	34.1909490916511, -118.175948279846	10' AGL in small cluster of dried twigs/broken branch on west side of south leaning black willow. 5% complete.	50	4/20/2021	Active	Nest building
							5/03/2021	Inactive	Nest is no longer present, possibly moved to BUSH-22

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BUSH-17	Bushtit	4/16/2021	Nest building	34.1905539660666, -118.172504870887	In large willow on edge of restoration area/ESA line. Nest on west side of tree about 20 feet up.	50	5/17/2021	Inactive	Nest appears to be gone, no bushtit in area. Possible nest failure.
ACWO-6	Acom woodpecker	4/17/2021	Incubating	34.1913607221446, -118.17569661503	In large willow tree, with cavity in the highest blunt part of the trunk. Cavity faces south. Assume incubation since Birds nested it the same cavity last year, since cavity was already excavated.	50	4/28/2021	Active	Incubating
							5/03/2021	Active	Feeding Young
							06/28/2021	Inactive	Fledged
ANHU-10	Anna's hummingbird	4/17/2021	Nest building	34.1880523835186, -118.177766875953	In oak tree with huge trunk on the east side of paved road. Nest is in branch hanging down facing east. About 20-25 ft Off ground. Best viewed standing close to tree trunk, looking east.	50	4/30/2021	Active	Incubating
BUSH-18	Bushtit	4/17/2021	Nest building	34.1928322653265, -118.175621082776	In large oak east of parking lot. Nest is above large branch that hangs out towards the north. Best viewed from East side of tree standing behind main trunk and looking at hanging Branch to your slight Northwest.	50	5/7/2021	Inactive	Nest failed. Nest looks torn up, falling apart. Possibly predated.
COYE-1	Common yellowthroat	4/18/2021	Nest building	34.1865650857036, -118.176904772026	Nest not visible, probably within a few feet of ground, in ESA 5-10 feet west of boundary.	75	4/19/2021	Active	Nest building
							5/20/2021	Active	Nest Building
							6/10/2021	Inactive	Possibly fledged
YEWA-1	Yellow warbler	4/18/2021	Nest building	34.1871454672748, -118.176858813277	In willow, in ESA approx. 25 feet west of boundary, photos primarily taken facing NW. one photo of base of nest tree	100	4/26/2021	Active	Nest building
							5/07/2021	Active	Nest Building
							6/02/2021	Inactive	Possibly Fledged
ANHU-11		4/18/2021				50	4/26/2021	Active	Incubating

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	Anna's hummingbird		Nest building	34.1873343403118, -118.176903296929	In willow, in ESA approx. 25 feet west of boundary		5/17/2021	Active	Feeding Young
							6/02/2021	Inactive	Possibly fledged
LEGO-4	Lesser goldfinch	4/18/2021	Nest building	34.1875989485149, -118.176931053048	In willow, in ESA 5-10 feet west of boundary	50	6/18/2021	Inactive	Possibly fledged
CLSW-2	Cliff swallow	4/19/2021	Nest building	34.1851110432431, -118.174240163747	On north side of oak grove drive bridge	30	N/A	N/A	N/A
BUSH-19	Bushtit	4/20/2021	Nest building	34.1914805144195, -118.175440259238	In tree South of drainage right where trail crosses it to the east. 15 feet up, in small branches coming off of Y-shaped trunk branches. Photo taken from drainage ditch. Nest 5% complete	50	4/27/2021	Active	Nest building
							7/6/2021	Inactive	Possibly fledged - Unable to locate nest
LEGO-5	Lesser goldfinch	4/21/2021	Incubating	34.188026541226, -118.176945810534	Approximately 10 feet off the ground in a small willow. Nest in on the west side of the willow. Male calling above nest at the top of the willow. Female observed sitting in nest - presumably incubating.	50	5/18/2021	Unknown	No LEGO detected in area. No eyes on nest, possibly covered in willow fluff.
MODO-2	Mourning dove	4/22/2021	Nest building	34.1920970256276, -118.175716391377	In Oak tree about 20 feet up, nest in line with northern most trunk. Best feud from the east. Look up from there for a Y shaped branch with a left-leaning branch behind it. Nest is on end of left-leaning branch.	30	N/A	N/A	N/A
BUSH-20	Bushtit	4/23/2021	Nest building	34.1907435129805, -118.174702550335	In small Cottonwood with horizontal branch, NW side, 20 ft up.	50	6/18/2021	Inactive	Possibly fledged
CAQU-1	California quail	4/23/2021	Incubating	34.1903681602702, -118.174103943704	Right on edge of small Greenwich ditch near Cliff edge.	100	5/5/2021	Active	Possibly fledged
							5/6/2021	Inactive	Fledged

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
MODO-3	Mourning dove	4/26/2021	Nest building	34.1913294194556, -118.175696204503	10 feet up a willow on a broken branch facing S. 2 adults observed gathering nesting materials. Birds unbothered by crew nearby.	30	5/3/2021	Inactive	Nest failed – likely abandoned
BEWR-3	Bewick's wren	4/27/2021	Nest building	34.1911261125751, -118.175854940397	6ft up in a crevice of a 7ft tall broken willow leaning SW. Nest crevice is on the bottom side. Upon discovery an adult was making multiple trips with nest material.	40	5/3/2021	Active	Nest Building
							5/5/2021	Active	Incubating
							7/8/2021	Inactive	Fledged
NUWO-2	Nuttall's woodpecker	4/28/2021	Feeding young	34.1868436011538, -118.177644649499	12' above slope 12' west of pavement in east facing double cavity of broken elderberry branch. Female seen carrying food and quickly dropping off in cavity before departing.	50	5/17/2021	Inactive	Fledged
NRWS-1	Northern rough-winged swallow	4/28/2021	Nest building	34.1857477801807, -118.177380141597	In weep holes on southwest underside of Oak Grove between pilons	30	N/A	N/A	N/A
SPTO-1	Spotted towhee	4/28/2021	Incubating	34.1918064143027, -118.174936580204	Ground nest in somewhat sheltered area of hemlock growth. Appears to be under log but couldn't get a visual without upsetting the female. About 4 feet west of top of new channel bank, between overhanging willow and mule fat.	50	5/5/2021	Inactive	Nest failed. Predation likely.
BUSH-21	Bushtit	4/28/2021	Nest building	34.191624, -118.175857	25 feet up in an 8-in dbh willow. On long N-facing limb concealed in foliage.	50	6/2/2021	Inactive	Nest failed – nest no longer intact
BUSH-23	Bushtit	4/29/2021	Nest building	34.191089, -118.175878	20 feet up in a willow, 2 feet south of the tallest major trunk. Nest appears roughly 50% complete, 2 adults observed making trips with nesting materials to and from nest.	50	5/3/2021	Inactive	Nest failed – adults observed removing nesting material from nest

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
KILL-1	Killdeer	4/30/2021	Incubating	34.188324, -118.175215	In west 1/2 of basin, 100' east of haul road berm, 1st photo looking north, 2nd photo looking west, 4 eggs.	0	5/4/2021	Active	Incubating
							5/6/2021	Inactive	Fledged. Assume fledged, eggs are gone.
KILL-2	Killdeer	4/30/2021	Incubating	34.188148, -118.175268	west 1/2 of basin, 4 eggs 1 hatching at 1:45 pm 4/30/21. photo looking west toward weigh station.	0	5/6/2021	Inactive	Fledged
MODO-5	Mourning dove	5/3/2021	Nest building	34.192745, -118.174516	5 ft up in fallen willow and live mule fat thicket, 8 ft beyond top of bank of new Mining Pit channel. One bird sitting on nest (confirmed no eggs yet), while mate brings in sticks, then she goes and gathers sticks as well.	50	5/5/2021	Inactive	Nest failed – likely abandoned due to hiker foot traffic
SPTO-2	Spotted towhee	5/4/2021	Nest building	34.191719, -118.175749	Directly on ground at the base of a small willow in a small grove of poison hemlock. Adult observed dropping off dried vegetation on multiple trips.	50	6/2/2021	Inactive	Possibly fledged.
COYE-2	Common yellowthroat	5/11/2021	Nest building	34.187183, -118.176441	High amount of COYE and SOSP in tall stands of vegetation regrowth. Suspect nest in this area- pair of COYE calling, SOSP frequenting area.	75	6/2/2021	Active	Heard male calling in vicinity of nest location. No females or young observed. Several SOSP also calling in the area.
							6/29/21	Active	Several SOSP and COYE observed in the area, including juvenile SOSP. Infrequent calling by both species. Crew is hoping to start clearing and grubbing this area in 2-3 weeks.
							7/28/2021	Inactive	Possibly fledged

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
RSHA-1	Red-shouldered hawk	4/29/2021	Nest building	34.192848, -118.170943	Towards the top of the western side of the eucalyptus tree. Observed RSHA place nesting material in tree	300	5/4/2021	Inactive	No additional nesting behavior observed at this tree after initial observation, nest incomplete.
MODO-4	Mourning Dove	4/30/2021	Nest Building	34.1881548161362, -118.177755498783	In oak tree About 35 feet up. In crook of tree. Best view from Large Oak truck near road, look NE.	50	N/A	N/A	N/A
BUSH-24	Bushtit	5/03/2021	Nest Building	34.193357, -118.174158	12 ft up near trunk of smallish broken willow with stinging nettle clump at base, in planted area. Nest faces south from trunk. Active material delivery; about 60% completed.	50	6/15/2021	Inactive	Possibly fledged
ANHU-12	Anna's Hummingbird	5/04/2021	Incubating	34.187750, -118.177137	10' east of path in dead twig hanging down on south side of black willow, approx. 6' above ground level	50	6/15/21	Inactive	Fledged
SOSP-2	Song Sparrow	5/04/2021	Nest Building	34.187580, -118.177108	Directly on ground at the base of a small willow in a small grove of poison hemlock. Adult observed dropping off dried vegetation on multiple trips.	50	6/15/2021	Inactive	Fledged
CAQU-2	California Quail	5/05/2021	Incubating	34.190833, -118.175408	On the bare ground beneath a mulefat. Adult burst off nest when a crew member passed by, area was immediately cleared. Upon observation it was clearly being incubated.	75	6/18/2021	Inactive	Fledged
BUSH-22	Bushtit	5/11/2021	Feeding Young	34.189659, -118.177681	On upper trail near picnic area in oak tree about 20 feet off the	50	N/A	N/A	N/A

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
					ground in Oak overhanging the trail				
CALT-3	California Towhee	5/12/2021	Nest Building	34.190401, -118.172283	2 feet up in center of mule fat. Status unknown. Assume CALT, possibly CASJ. Both active in area. Nest is either freshly built or recently depredated, further monitoring needed.	50	5/19/2021	Inactive	Nest failed – possibly never completed.
CLSW-3	Cliff Swallow	5/14/2021	Nest Building	34.185281, -118.174274	Underside of dam walkway	30	6/23/2021	Active	Feeding young
							7/16/2021	Inactive	Fledged
CLSW-4	Cliff Swallow	5/14/2021	Nest Building	34.185286, -118.174294	Underside of dam walkway	31	6/22/2021	Active	Feeding young
							7/6/2021	Inactive	Fledged
CLSW-5	Cliff Swallow	5/14/2021	Nest Building	34.185291, -118.174324	Underside of dam walkway	32	6/22/2021	Active	Feeding young
							7/16/2021	Inactive	Fledged
CLSW-6	Cliff Swallow	5/14/2021	Nest Building	34.185274, -118.174236	Underside of dam walkway	33	6/22/2021	Inactive	Fledged
CLSW-7	Cliff Swallow	5/14/2021	Nest Building	34.185401, -118.174969	Underside of dam walkway	34	N/A	N/A	N/A
CLSW-8	Cliff Swallow	5/14/2021	Nest Building	34.185404, -118.174944	Underside of dam walkway	35	N/A	N/A	N/A
CLSW-9	Cliff Swallow	5/14/2021	Nest Building	34.185399, -118.175010	Underside of dam walkway	36	N/A	N/A	N/A

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
CLSW-10	Cliff Swallow	5/14/2021	Nest Building	34.185399, -118.174987	Underside of dam walkway	37	N/A	N/A	N/A
YEWA-2	Yellow Warbler	5/17/2021	Feeding Young	34.187050, -118.176863	Very top of the tall willow tree with very little leaf growth. Tree mostly bare besides top where the nest is located.	50	6/18/2021	Inactive	Fledged
BHGR-1	Black-headed grosbeak	5/18/2021	Incubating	34.186678, -118.177029	22' above ground level in south extending branch of willow. Male singing nearby female sitting in complete nest.	75	5/19/2021	Active	Feeding young
							6/10/2021	Inactive	Fledged
CLSW-11	Cliff Swallow	5/18/2021	Nest Building	34.185218, -118.175216	Under northern side of Oak Grove Bridge.	30	N/A	N/A	N/A
NUWO-4	Nuttall's Woodpecker	5/18/2021	Feeding Young	34.196576, -118.3170560	Just north of buffer, 18' up in east facing cavity in main trunk of broken willow, about 2' below broken off top. One additional entry just below branch stemming off to north. Saw female look in east-facing lower hole and can hear chicks.	75	6/15/2021	Inactive	Fledged
BEWR-4	Bewicks wren	5/18/2021	Fledglings close to nest	34.189579, -118.172410	Family observed with juveniles staying close to presumed nest (in mulefat on slope below road). Begging for food, parents returning but encouraging young to leave nest area	0	N/A	N/A	N/A
PHAI-1	Phainopepla	5/19/2021	Nesting Building	34.192263, -118.170653	22 ft above ground in Eucalyptus within flood basin.	50	7/23/2021	Inactive	Possibly fledged

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
MALL-1	Mallard	5/21/2021	Fledglings close to nest	34.186150, -118.175286	Both ponded areas in the middle of the basin.	75	6/24/2021	Inactive	Fledged
KILL-3	Killdeer	5/24/2021	Incubating	34.190394, -118.173086	Nest is located in middle of sediment removal area, approx. 30ft west of lowest grade haul road.	100	5/28/2021	Inactive	Possibly fledged
CAQU-2	California Quail	5/26/2021	Incubating	34.189077, -118.172433	On ground beneath dead grasses and horseweed stems, etc, in planted area (mule fat scrub), about 15 feet from road. Several eggs seen through vegetation; exact number unknown. Flushed female when removing weeds.	50	6/10/2021	Inactive	Nest failed
CALT-4	California Towhee	5/26/2021	Incubating	34.188620, -118.172518	1 foot above ground at planted watering ring with California rose, mugwort, cobbwebby thistle, and <i>Hirschfeldia incana</i> . 2 eggs. Nest was discovered after weeding around it, but is still intact. Some mustard was piled next to nest for concealment.	50	5/27/2021	Inactive	Nest failed
CALT-5	California Towhee	5/27/2021	Nest Building	34.188161, -118.172885	POTENTIAL- nest was not visualized, location is rough. Observed 2 adult towhees hastily making trips through the undergrowth to the north end of a clearing for ~15 minutes at 7 am, and then again at 10 am. May be adults of CALT_4 rebuilding a new nest.	50	N/A	N/A	N/A

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
COYE-3	Common Yellowthroat	5/30/2021	Nest Building	34.186429, -118.176426	Nest identified by CDD on 5/30, female observed bringing nesting material to approx. nest location. Nest is likely in vegetation just off the ground outside ESA fencing. Nest not visible. 6/1- male observed near approx. nest location.	75	7/6/2021	Active	Feeding young
							7/26/2021	Inactive	Fledged
SPSA-1	Spotted Sandpiper	6/1/2021	Incubating		Nest is located on the ground beneath ground vegetation on small peninsula just west of former wetted area.	75	6/8/2021	Active	Incubating
							6/23/2021	Inactive	Nest failed – possibly abandoned after pooled water dried up.
CALT-6	California Towhee	6/02/2021	Incubating	34.192373, -118.174840	Nest identified by CDD on 5/30. Nest is approx. 10ft up on a willow branch that is pointing south. 6/1- Observed adult tail feathers sticking out of west side of nest. Unable to ID species.	75	6/09/2021	Active	Incubating
							6/23/2021	Inactive	Possibly fledged
MODO-6	Mourning Dove	5/30/2021	Incubating	34.194792, -118.170178	Nest identified by CDD on 5/30. Nest is approx. 7 feet up on a willow branch that is pointing south. Adult observed sitting on nest on 6/1.	75	6/9/2021	Active	Feeding young
							6/11/2021	Inactive	Fledged
MODO-7	Mourning Dove	5/30/2021	Incubating	34.195317, -118.170320	Nest identified by CDD on 5/30. Nest is approx. 8 feet up on a willow branch that is pointing south. No activity observed on 6/1.	75	6/4/2021	Active	Incubating
							6/24/21	Active	Incubating
							7/15/2021	Inactive	Possibly fledged
BUSH-25	Bushtit	5/30/2021	Nest Building	34.195475, -118.170477	Nest identified by CDD on 5/30. Unable to find nest on 6/1. Multiple	75	N/A	N/A	N/A

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
					BUSH adults observed in and around tree with suspected nest.				
CAQU-4	California quail	6/3/2021	Incubating	34.1933318911874, -118.172998190294	POTENTIAL- not visualized. On ground likely beneath a coyote bush. Saw lone adult male making food trips to area throughout day, area is surrounded by quail "tunnels".	50	6/9/2021	Inactive	Possibly fledged
BHGR-2	Black-headed grosbeak	6/4/2021	Feeding young	34.194829809146, -118.170240222574	Observed female feeding a single fledgling in the bottom of the willow.	75	6/24/2021	Inactive	Fledged
BHGR-3	Black-headed grosbeak	6/9/2021	Nest building	34.1932375402083, -118.173136063708	8 feet up on the end of a willow branch that faces SW. Female is making trips to nest which appears 80+% complete, confirmed empty w/ mirror. Inside of nest partially visible from upslope.	50	N/A	N/A	N/A
CALT-8	California Towhee	6/10/2021	Nest building	34.1936826882631, -118.17337986011	Within 6 inches of ground in the SW quadrant of a CA buckwheat. Adult seen making repeated trips to the shrub with nesting material, checked shrub and visualized nest. Currently empty.	50	N/A	N/A	N/A
BGGN-1	Blue-gray gnatcatcher	6/15/2021	Feeding young	34.1901836915945, -118.175915263235	18' AGL in crook of small willow's western trunk/limb. 2 beaks seen sticking above rim of nest, adults occasionally bringing food.	75	6/23/2021	Inactive	Possibly fledged
YEWA-3	Yellow warbler	6/21/2021	Feeding young	34.1896976094505, -118.176044186768	15 feet up in a willow with an estimated height of 30 feet, in a SE facing branch. Best viewed from south. Directly observed feeding of nestlings, at least 2 in	100	7/6/2021	Inactive	Possibly fledged

Nest ID	Species	Discovery Date	Discovery Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
					nest. Still blind and bearing few feathers.				
LEGO-6	Lesser goldfinch	6/22/2021	Nest building	34.1898466022329, -118.175925958602	40 ft above ground in a 60 foot tall willow, on a north facing horizontal branch. Female observed foraging, dropping nest materials & occasionally sitting on nest for short amounts of time. Female observed mating with multiple males. Nest 90% complete.	60	N/A	N/A	N/A
CLSW-12	Cliff swallow	6/22/2021	Feeding young	34.1852664772258, -118.174213455927	Under bridge walk way above spillway. To the east of CLSW-6	30	7/16/2021	Inactive	Fledged
CLSW-13	Cliff swallow	6/22/2021	Feeding young	34.1852339223661, -118.17422334099	Under bridge walk way above spillway. In corner on eastern edge.	30	7/16/2021	Inactive	Fledged
CLSW-14	Cliff swallow	6/22/2021	Feeding young	34.1852420928524, -118.174260744136	Under bridge walk way above spillway. To the left of CLSW-13 in the next section.	30	7/16/2021	Inactive	Fledged
CLSW-15	Cliff swallow	6/23/2021	Feeding young	34.1852638183814, -118.174194005608	Under spillway bridge, in far corner of final section closest to the wall on the E side.	30	7/16/2021	Inactive	Fledged
CLSW-16	Cliff swallow	6/23/2021	Feeding young	34.1852840071659, -118.174300516137	Under spillway bridge, in the corner pocket opposite CLSW_5 on opposite sides of the support pillar	30	7/16/2021	Active	Feeding young
SPTO-3	Spotted Towhee	6/23/2021	Incubating	34.1901836113295, -118.175669717776	Nest is on ground in relatively light cover of pepperweed. 2 eggs. About 10 feet in from edge of pepperweed and a few feet from edge of willow canopy.	50	7/7/2021	Inactive	Nest failed

Nest ID	Species	Discovery Date	Discover y Stage	Lat/Long	Location Description	Buffer Size (ft)	Updates	Update Status	Update Stage
DOWO-1	Downey woodpecker	6/25/2021	Feeding young	34.1880373419766, -118.177261079619	East-facing fresh small cavity (2") under crook of semi-broken willow. One chick seen and heard.	50	7/28/2021	Inactive	Fledged
CASJ-12	California scrub jay	6/29/2021	Fledgling close to nest	34.1916911974103, -118.174264543476	Stage unclear, requires follow up if area is weeded. Observed an adult dropping food, heard fledglings giving raspy begging calls. Juveniles/nest not observed, only heard. Likely very close to fledging based on tone of calls. In a thick patch of mulefat.	50	N/A	N/A	N/A
CASJ-13	California scrub jay	7/2/2021	Nest building	34.1918606042435, -118.174543054391	Potential- Requires follow up. 8 feet up in a horizontal west facing willow branch, made of twigs/leaves. Only saw the nest, not a bird constructing it. Vegetation still bright green, likely recently added. Currently incomplete.	50	7/9/2021	Inactive	Nest failed – never completed.
COHA-1	Cooper's Hawk	7/8/2021	Fledglings close to nest	34.188639828946, -118.177312926725	30ft up in a eucalyptus. Plants below heavily whitewashed. In very dense brush. Observed adult drop food off. Observed 2 nearly fledged nestlings hopping around in nearby branches.	150	7/28/2021	Active	Fledglings close to nest