

2021 Winter Window Survey for Snowy Plovers on U.S. Pacific Coast

County (listed North to South)	Site (location)	Owner	2021	2021 Adult Breakdown			Date of Survey (window)	Primary Observer(s) & Additional Notes
				male	fem.	sex unknown?		
Grays Harbor	Copalis Spit	State Parks	0	0	0	0	20-Jan-21	C. Sundstrom, J. Fernandez
	Conner Creek	State Parks	0	0	0	0	20-Jan-21	C. Sundstrom, W. Michaelis
	Ocean Shores to Ocean City (outer coast)	Private, State Parks	0	0	0	0	20-Jan-21	C. Sundstrom, W. Michaelis
	Damon Point/Oyhut	WDNR	0	0	0	0	20-Jan-21	C. Sundstrom
County Total		0	0	0	0			
Pacific	Midway Beach	Private, State Parks	52	0	0	52	19-Jan-21	C. Sundstrom, W. Michaelis
	Graveyard Spit	Shoalwater Indian Tribe	0	0	0	0	20-Jan-21	L. Ritzman, R. Ashley
	Leadbetter Point	USFWS, State Parks	111	9	3	99	23-Jan-21	W. Ritchie, C. Sundstrom
	South Long Beach	Private	4	0	0	4	22-Jan-21	W. Ritchie
	Benson Beach	State Parks	0	0	0	0	24-Jan-21	W. Ritchie
County Total		167	9	3	155			
Washington Total			167	9	3	155		
Clatsop	Fort Stevens State Park (Clatsop Spit)	ACOE, OPRD	42	0	0	42	22-Jan-21	P. Schmidt, V. Loverti
	Camp Rilea	DOD	0	0	0	0	25-Jan-21	M. Davis
	Necanicum Spit	OPRD	0	0	0	0	25-Jan-21	J. Everett, M. Everett
County Total		42	0	0	42			
Tillamook	Nehalem Spit	OPRD	24	7	7	10	16-Jan-21	D. Leal
	Bayocean Spit	ACOE	0	0	0	0	23-Jan-21	C. Waddell, E. Gaines
	Netarts Spit	OPRD	0	0	0	0	18-Jan-21	M. Zwartjes
	Sand Lake Spits/Sitka Sedge	USFS	32	7	25	0	20-Jan-21	H. Renn
	Nestucca Spit	OPRD	0	0	0	0	19-Jan-21	M. Szumski
County Total		56	14	32	10			
Lincoln	Salmon River Spit	OPRD						no survey
	Salishan Spit	OPRD	0	0	0	0	22-Jan-21	C. Strong
	Agate Beach	OPRD	0	0	0	0	16-Jan-21	C. Strong
	Yaquina Point	OPRD	39	0	0	39	20-Jan-21	R. Lowe
	South Beach Newport	OPRD	0	0	0	0	20-Jan-21	S. Holzman
	Bayshore Spit	OPRD	49	0	0	49	18-Jan-21	R. Lowe
	South Alsea Bay	OPRD	0	0	0	0	18-Jan-21	R. Lowe
County Total		88	0	0	88			
Lane	Baker Beach to Sutton Creek (Sutton Beach)	USFS	20	8	5	7	22-Jan-21	D. Lauten, K. Castelein
	Sutton Creek to Siuslaw River North Jetty	USFS	0	0	0	0	16-Jan-21	E. Krygman
	Siuslaw River South Jetty to Siltcoos	USFS	17	0	0	17	21-Jan-21	C. Burns, C. Gabriel
	Siltcoos Spits North and South	USFS	37	7	5	25	21-Jan-21	D. Lauten, K. Castelein
County Total		74	15	10	49			
Douglas	Siltcoos-Tahkenitch (Dunes Overlook)	USFS	20	6	6	8	21-Jan-21	D. Lauten, K. Castelein
	Tahkenitch Spit North and South	USFS	35	11	9	15	21-Jan-21	D. Lauten, K. Castelein
	Tahkenitch Creek to Umpqua River N Jetty	USFS	15	0	0	15	19-Jan-21	C. Burns, C. Gabriel
	Umpqua River South Jetty to Tenmile Spit	USFS	7	1	2	4	20-Jan-21	D. Lauten, K. Castelein
County Total		77	18	17	42			
Coos	Tenmile Spits	USFS	36	8	5	23	20-Jan-21	D. Lauten, K. Castelein
	Coos Bay North Spit	BLM, ACOE	51	18	12	21	19-Jan-21	D. Lauten, K. Castelein
	Whiskey Run to Coquille River	OPRD	6	3	2	1	22-Jan-21	D. Rocco
	Bandon State Park to New River	OPRD, Private, BLM	103	22	19	62	19-Jan-21	D. Lauten, K. Castelein
County Total		196	51	38	107			
Curry	New River to Floras Lake	BLM, Private, County	0	0	0	0	18-Jan-21	D. Lauten, K. Castelein
	Blacklock Point to Sixes River	BLM, OPRD	0	0	0	0	19-Jan-21	S. Langley
	Elk River	Private	0	0	0	0	17-Jan-21	M. Vander Heyden
	Euchre Creek to Greggs Creek	OPRD, Private	0	0	0	0	19-Jan-21	N. Koeltzow
	Otter Point to Rogue River	Various	3	0	0	3	19-Jan-21	J. Badger
	Myers Creek to Pistol River	OPRD, Private	0	0	0	0	18-Jan-21	S. Reed
	Crissey Field to Pelican State Beach	Audubon	0	0	0	0	16-Jan-21	G. Maschmeyer
County Total		3	0	0	3			
Oregon Total			536	98	97	341		
Total Unit 1			703	107	100	496		
Del Norte	Pelican State Beach	CDPR	0	0	0	0	16-Jan-21	T. Kurz
	Smith River	Private, CDPR ²						
	Lake Earl/Tolowa	CDFW ¹	23	0	0	23	18-Jan-21	T. Kurz
	Crescent Beach	Crescent City	0	0	0	0	20-Jan-21	E. Feucht
County Total		23	0	0	23			
Humboldt	North Gold Bluffs Beach	USNPS, CDPR	11	0	0	11	19-Jan-21	T. Kurz
	South Gold Bluffs Beach	USNPS, CDPR	0	0	0	0	19-Jan-21	T. Kurz
	Freshwater	USNPS ⁵ , CDPR	0	0	0	0	20-Jan-21	H. Brown
	Stone Lagoon	CDPR	0	0	0	0	18-Jan-21	K. Slauson
	Dry Lagoon	CDPR	0	0	0	0	18-Jan-21	K. Slauson
	Big Lagoon	CDPR	19	0	0	19	18-Jan-21	K. Slauson
	Moonstone Beach	County	0	0	0	0	16-Jan-21	K. Raby
	Little River, Clam Beach North	County, CDPR, Private	0	0	0	0	16-Jan-21	K. Raby, J. Chojnacki, M. Morrisette
	Clam Beach South	County	0	0	0	0	16-Jan-21	K. Raby, J. Chojnacki, M. Morrisette
	Mad River	County	69	9	6	54	16-Jan-21	E. Feucht
	Lanphere to Mad River	County, Private	0	0	0	0	17-Jan-21	E. Feucht, K. Raby
	Gun Club to Lanphere	BLM / USFWS ⁴	0	0	0	0	17-Jan-21	E. Feucht, K. Raby
	Power Pole to Gun Club	BLM, Private	0	0	0	0	17-Jan-21	E. Feucht, K. Raby
	North Spit Humboldt Bay	BLM	22	0	0	22	16-Jan-21	S. McAllister, E. Feucht, K. Raby
	Elk River Spit	City of Eureka	0	0	0	0	17-Jan-21	K. Raby
	Eel River Gravel Bars	County, CA State						
	South Spit Humboldt Bay	BLM	0	0	0	0	18-Jan-21	K. Raby
	Eel River Wildlife Area, North	CDFW						
	Eel River Wildlife Area, South	CDFW						
	Centerville Beach	County, Private	22	0	0	22	20-Jan-21	S. McAllister
	McNutt Gulch	Private	22	2	2	18	21-Jan-21	E. Feucht
	Mattole River	BLM ³						

County (listed North to South)	Site (location)	Owner	2021	2021 Adult Breakdown			Date of Survey (window)	Primary Observer(s) & Additional Notes
				male	fem.	sex unknown?		
County Total			165	11	8	146		
Mendocino	Usal Beach	CDPR	0	0	0	0	18-Jan-21	C. Ryan
	MacKerricher SB, 10 Mile	CDPR	70	1	1	68	23-Jan-21	B. Bowen
	Virgin Creek	CDPR	0	0	0	0	20-Jan-21	B. Bowen
	Manchester SB, Alder & Brush Crs.	CDPR	24	0	0	24	19-Jan-21	A. Cebula
	Manchester SB, Brush C. to Garcia R.	CDPR	0	0	0	0	19-Jan-21	A. Cebula
County Total			94	1	1	92		
Total Unit 2			282	12	9	261		
San Francisco Bay								
Alameda	Baumberg/Eden Landing	CDFW and Cargill	125	0	0	125	20-Jan-21	B. Pearl, A. Chen
	Crown Beach	EBRPD	20	0	0	20	22-Jan-21	D. Riensche
	Coyote Hills	USFWS NWR, ACFD	16	0	0	16	21-Jan-21	A. Chen; Only ACFCD Patterson Pond surveyed, n
	Dumbarton	USFWS NWR, RES						not surveyed, covid restrictions
	Hayward	City of Hayward, HARD,	76	0	0	76	19-Jan-21	D. Riensche; B. Pearl, A. Chen
	Warm Springs	USFWS NWR						not surveyed
Napa	Napa	CDFW	3	0	0	3	16-Jan-21	E. Hunn; M. Stephenson, T. Slyker
San Mateo	Ravenswood/West Bay	USFWS NWR						not surveyed
Santa Clara	Alviso	USFWS NWR	2	0	0	2	23-Jan-21	M. Rogers
	Mountain View	USFWS NWR, NASA, MROSD						not surveyed
Solano	Montezuma Wetlands	Private	0	0	0	0	18-Jan-21	M. Yonashiro, C. Jasper
Marin	Hamilton Wetlands	Coastal Conservancy	11	0	0	11	15-Jan-21	M. Stephenson
Total Unit 3			253	0	0	253		
Sonoma	Goat Rock Beach	CDPR NEW IN 2020						
	Blind Beach	CDPR NEW IN 2020						
	Wright's Beach	CDPR NEW IN 2020						
	Salmon Creek SB	CDPR						
	Doran County Park	County						
Sonoma	Gualala River mouth spit							No survey
	Russian River south spit	CDPR	0	0	0	0	21-Jan-21	L. Stenzel, G. Page
New in 2021	Wright's Beach	CDPR	0	0	0	0	21-Jan-21	L. Stenzel, G. Page
New in 2021	Portuguese Beach	CDPR	0	0	0	0	21-Jan-21	L. Stenzel, G. Page
	Salmon Creek State Beach	CDPR	32	0	0	32	21-Jan-21	J. Erbes
	Doran County Park	COUNTY	23	0	0	23	21-Jan-21	J. Erbes
County Total			55	0	0	55		
Marin	Dillon Beach	Private	46	0	0	46	21-Jan-21	L. Stenzel, G. Page
	Kehoe Beach	USNPS	66	0	0	66	21-Jan-21	R. DiGaudio
	North Beach	USNPS	48	0	0	48	21-Jan-21	D. Humple, M. Lau
	South Beach	USNPS	0	0	0	0	21-Jan-21	D. Press
	Lighthouse Beach	USNPS	0	0	0	0	21-Jan-21	T. Ellis
	Drakes Beach	USNPS	0	0	0	0	20-Jan-21	R. DiGaudio
	Limantour Spit	USNPS	141	0	0	141	20-Jan-21	M. Lau
	Bolinas Lagoon	Private	0	0	0	0	20-Jan-21	L. Stenzel, J. Lamphier
County Total			301	0	0	301		
San Francisco	Crissy Field	USNPS	7	0	0	7	20-Jan-21	K. Smith
	Ocean Beach	USNPS	45	0	0	45	20-Jan-21	K. Smith
County Total			52	0	0	52		
San Mateo	Sharp Park Beach	City of Pacifica	0	0	0	0	20-Jan-21	M. Goodale
	Rockaway Beach	City of Pacifica	0	0	0	0	20-Jan-21	M. Goodale, S. Hagen
	Pacifica SB	CDPR	14	0	0	14	20-Jan-21	M. Goodale, S. Hagen, P. Donahue, T. Wood, N. N
	Pillar Point		0	0	0	0	21-Jan-21	A. Boutell
	Half Moon Bay State Beach	CDPR	20	0	0	20	21-Jan-21	D. Johnson, L. Flint, C. Sullivan
	Tunitas Creek	San Mateo County	23	0	0	23	23-Jan-21	G. Escoto (SMC Parks)
	San Gregorio	CDPR	0	0	0	0	21-Jan-21	C. Fahy, L. Lee, R. Willimann
	Pomponio	CDPR	0	0	0	0	21-Jan-21	C. Fahy, L. Lee, R. Willimann
	Pescadero SB	CDPR	6	0	0	6	19-Jan-21	C. Weng, P. Wood
	Bean Hollow	CDPR, new in 2020	0	0	0	0	19-Jan-21	L. Vallero, J. Clarke
	Pigeon Point	CDPR, Private	8	0	0	8	19-Jan-21	S. Mencher, K. Liang
	Gazos Creek	CDPR	36	0	0	36	19-Jan-21	L. Vallero, J. Clarke
	Ano Nuevo	CDPR	0	0	0	0	20-Jan-21	J. Kerbavaz, G. Addleman
County Total			107	0	0	107		
Santa Cruz	Waddell SB	CDPR, Private	0	0	0	0	19-Jan-21	S. Mencher, K. Liang
	Scott Creek Beach	County	9	0	0	9	20-Jan-21	C. Go
	Laguna Creek	CDPR	28	0	0	28	19-Jan-21	Z. Rocha
	Four-mile Beach	CDPR	17	0	0	17	19-Jan-21	Z. Rocha
	Wilder SB	CDPR	0	0	0	0	21-Jan-21	S. Martin
	Seabright SB	CDPR	62	0	0	62	20-Jan-21	C. Gibble
	Twin Lakes State Beach	CDPR	0	0	0	0	20-Jan-21	J. Brocklebank
	Rio Del Mar	Private	0	0	0	0	20-Jan-21	J. Astone
	Sunset SB	CDPR	40	0	0	40	20-Jan-21	T. Michisaki, J. Carr
	Pajaro Beach and Spit	CDPR	7	0	0	7	20-Jan-21	K. Neuman
County Total			163	0	0	163		
Monterey	Zmudowski SB	CDPR	30	0	0	30	20-Jan-21	C. Eyster
	Moss Landing SB	CDPR	3	0	0	3	20-Jan-21	D. Robinson
	Moss Landing Salt Ponds	CDFG	42	0	0	42	19-Jan-21	R. Horn
	Salinas SB	CDPR	36	0	0	36	20-Jan-21	K. Neuman, J. Barkowski
	Salinas River North Spit	CDPR	0	0	0	0		
	Salinas River NWR	USFWS	15	0	0	15	20-Jan-21	K. Neuman, L. Henkel
	Martin/CemexAreas	Private	17	0	0	17	20-Jan-21	L. Henkel, E. Haile
	Marina SB (Reservation Rd & Fort Ord)	CDPR	18	0	0	18	18-Jan-21	E. Haile, A. Palkovic
	Sand City	Private	0	0	0	0	18-Jan-21	E. Haile
	Monterey SB	CDPR	68	0	0	68	20-Jan-21	J. Deely, Y. Wright
	Asilomar	CDPR	0	0	0	0	20-Jan-21	D. Dixon
	Carmel River SB	CDPR	19	0	0	19	20-Jan-21	D. Dixon
	Little Sur Beach	Private	10	0	0	10	21-Jan-21	A. Palkovic
	Point Sur Beach	CDPR	0	0	0	0	21-Jan-21	A. Palkovic
County Total			258	0	0	258		

County (listed North to South)	Site (location)	Owner	2021	2021 Adult Breakdown			Date of Survey (window)	Primary Observer(s) & Additional Notes
				male	fem.	sex unknown?		
Total Unit 4			936	0	0	936		
San Luis Obispo	San Carpoforo Creek	USFS ⁶ , CDPR	46	0	0	46	19-Jan-21	S. Ontiveros
	Point Sierra Nevada	CDPR	0	0	0	0	19-Jan-21	S. Ontiveros
	Sydneys Lagoon	CDPR	0	0	0	0	19-Jan-21	S. Ontiveros
	Arroyo Laguna Creek	CDPR	0	0	0	0	19-Jan-21	S. Ontiveros
	Sydney's Lagoon	CDPR	0	0	0	0	19-Jan-21	S. Ontiveros
	San Simeon State Beach	CDPR	14	0	0	14	19-Jan-21	S. Ontiveros
	Santa Rosa Creek	CDPR	84	0	0	84	19-Jan-21	S. Ontiveros
	Estero Bluffs State Beach	CDPR	33	0	0	33	19-Jan-21	R. Orr
	Toro Creek	Private	0	0	0	0	19-Jan-21	R. Orr
	Morro Strand SB	CDPR	0	0	0	0	19-Jan-21	R. Orr
	Morro Rock City Beach	City of Morro Bay	0	0	0	0	19-Jan-21	R. Orr
	Morro Bay Sandspit: State sector	CDPR	0	0	0	0	19-Jan-21	R. Orr
	Morro Bay Sandspit: City of Morro B. sector	Private & City of Morro B.	0	0	0	0	19-Jan-21	D. Brown-Silva, M. Pacheco
	Pismo State Beach	CDPR	3	0	0	3	19-Jan-21	J. Iwanicha
	Oceano Dunes SVRA	CDPR	96	0	0	96	19-Jan-21	J. Iwanicha, A. Clark, D. Johnson
	ODSVRA Oso Flaco Natural Area	CDPR	35	0	0	35	19-Jan-21	A. Clark
	Guadalupe-Nipomo Dunes NWR	USFWS	3	0	0	3	19-Jan-21	K. Paradis, N. Seal, D. Meyer, R. Richardson
Chevron (Unocal) Property	Private	62	0	0	62	19-Jan-21	I. Arroyos, J. Donaldson	
County Total			376	0	0	376		
Santa Barbara	Rancho Guadalupe Dunes Co. Park	County	41	0	0	41	19-Jan-21	D. George
	Mussel Rock beach	Private	24	0	0	24	19-Jan-21	D. George
	Paradise beach	Private	0	0	0	0	19-Jan-21	D. George
	Point Sal SB	CDPR	0	0	0	0	19-Jan-21	J. Howar
	Vandenberg AFB North beaches	US Air Force	137	0	0	137	19-Jan-21	J.K. Miller, E. Rice
	Vandenberg AFB Purisima Point	US Air Force						
	Vandenberg AFB South beaches	US Air Force	152	0	0	152	19-Jan-21	L. Hargett, A. Fortuna
	Jalama Beach County Park	County	69	0	0	69	20-Jan-21	E. Rice
	Gaviota State Beach	CDPR	0	0	0	0	22-Jan-21	B. Sheridan, D. Reynolds
	Refugio State Beach	CDPR	0	0	0	0	22-Jan-21	B. Sheridan, D. Reynolds
	El Capitan State Beach	CDPR	0	0	0	0	22-Jan-21	B. Sheridan, D. Reynolds
	Hollister Ranch Beach	Private	28	0	0	28	21-Jan-21	J.K. Miller, J. Howar
	Haskell's Beach	Private	0	0	0	0	21-Jan-21	J. Nielsen
	Ellwood Beach	City of Goleta	2	0	0	2	21-Jan-21	J. Nielsen
	North Campus Open Space	Univ. of Calif.						
	Coal Oil Pt. Reserve	Univ. of Calif.	175	0	0	175	21-Jan-21	J. Nielsen
	Isla Vista beach	Univ. of Calif.	0	0	0	0	21-Jan-21	J. Nielsen
	Campus Beach	Univ. of Calif.	0	0	0	0	21-Jan-21	J. Nielsen
	Goleta Beach	County	0	0	0	0	21-Jan-21	J. Nielsen
	West Beach	City of S. Barbara						no survey
	Santa Barbara Harbor Beach	City of S. Barbara						no survey
	East Beach	City of S. Barbara						no survey
	Santa Claus Lane- Carpinteria spit beaches	Private	0	0	0	0	21-Jan-21	J. Gold
	Carpinteria City Beach	City of Carpinteria	0	0	0	0	21-Jan-21	A. Randol, G. Coleman
	Carpinteria State Beach	CDPR	0	0	0	0	21-Jan-21	A. Randol, G. Coleman
	Santa Cruz Island	Nature Conservancy	15	0	0	15	22-Jan-21	L. Laughrin
	Santa Rosa Island ¹	USNPS	62	0	0	62	21-Jan-21	P. Larramendy
San Miguel Island ²	USNPS	39	0	0	39	24-Jan-21	J. Howard	
County Total			744	0	0	744		
Ventura	Emma Wood State Beach	CDPR NEW IN 2020						
	Ventura River Estuary	City of Ventura	0	0	0	0	22-Jan-21	S. Khalsa
	San Buenaventura State Beach	CDPR	73	0	0	73	21-Jan-21	A. Randol, G. Coleman
	McGrath State Beach	CDPR	3	0	0	3	21-Jan-21	A. Randol, G. Coleman
	Mandalay State Beach	CDPR	14	0	0	14	21-Jan-21	A. Randol, G. Coleman
	Hollywood County Beach	County of Ventura	158	0	0	158	18-Jan-21	D. Barringer, A. Frangis
	Ormond Beach	City of Oxnard, CCC, Pri	11	0	0	11	21-Jan-21	K. Whitehouse, J. Tharp
	Point Mugu NAS	US Navy	85	0	0	85	21-Jan-21	M. Ruane, J. More
	San Nicolas Island	US Navy						no survey
County Total			344	0	0	344		
Total Unit 5			1464	0	0	1464		
Los Angeles	Leo Carillo Beach	CDPR*	1	0	0	1	23-Jan-21	S. Vigallon, R. Jeffers
	Nicolas Canyon	CDPR*	0	0	0	0	21-Jan-21	D. Steinicke
	R.H.Meyer State Beach (entire)	CDPR*	0	0	0	0	21-Jan-21	D. Steinicke
	Broad Beach	Private	0	0	0	0	21-Jan-21	B. Crowe
	Zuma SB	CDPR*	59	0	0	59	16-Jan-21	S. Hassett, D. Perez
	Paradise Cove	CDPR	0	0	0	0	17-Jan-21	S. Summer
	Dan Blocker State Beach	CDPR*						no survey
	Malibu Lagoon	CDPR	38	0	0	38	22-Jan-21	G. Murayama, L. Locher, J. Thompson
	Carbon to Big Rock Beach	CDPR	0	0	0	0	22-Jan-21	G. Murayama, L. Locher
	Las Tunas State Beach	CDPR*	0	0	0	0	16-Jan-21	R.C. Brody
	Topanga State Beach	CDPR*	0	0	0	0	16-Jan-21	R.C. Brody
	N.Will Rogers State Beach	CDPR*	0	0	0	0	19-Jan-21	H. Borenstein
	S.Will Rogers State Beach	CDPR*	0	0	0	0	21-Jan-21	T. Treiber
	N.Santa Monica State Beach	CDPR*	28	0	0	28	20-Jan-21	L. Plauzoles, P. Yoon
	S.Santa Monica Beach	CDPR*	0	0	0	0	24-Jan-21	M. DeMatteo
	N. Venice Beach	CDPR*	0	0	0	0	27-Jan-21	B. Champion
	S.Venice Beach	CDPR*	8	0	0	8	20-Jan-21	P. Prichard
	Marina del Rey	CDPR*	0	0	0	0	20-Jan-21	P. Prichard
	Playa del Rey	CDPR*	0	0	0	0	23-Jan-21	W. Lamb
	N. Dockweiler State Beach	CDPR*	1	0	0	1	16-Jan-21	J. Rowden
	S. Dockweiler State Beach	CDPR*	0	0	0	0	20-Jan-21	P. Blieden
	El Segundo Beach	CDPR*	0	0	0	0	21-Jan-21	E. Gaeta
	Manhattan Beach	CDPR*	0	0	0	0	21-Jan-21	E. Gaeta
	Hermosa State Beach	CDPR*	42	0	0	42	16-Jan-21	D. Moody
	Redondo/Torrance Beach	LA County?	0	0	0	0	19-Jan-21	K. Lo, R. Drucker, J. Lowry
	Cabrillo State Beach	CDPR*	0	0	0	0	22-Jan-21	J. Morton
	Long Beach State Beach	CDPR*	0	0	0	0	18-Jan-21	N. Salem
	Catalina Island	Catalina Conservancy						no survey
	San Clemente Island	US Navy	16	0	0	16	16-Jan-21	J. Stahl, N. Desnoyes
County Total			193	0	0	193		

County (listed North to South)	Site (location)	Owner	2021	2021 Adult Breakdown			Date of Survey (window)	Primary Observer(s) & Additional Notes
				male	fem.	sex unknown?		
Orange	Seal Beach	City of Seal Beach	0	0	0	0	21-Jan-21	D. Hays, K. Mitchell
	Seal Beach NWS	US Navy	0	0	0	0	20-Jan-21	R. Schallman
	Surfside	City of Seal Beach	4	0	0	4	21-Jan-21	J. Yeutter, D. Yeutter
	Sunset	County	11	0	0	11	21-Jan-21	G. Brice, D. McCormack
	Bolsa Chica SB	CDPR	38	0	0	38	20-Jan-21	S. Howard, M. Frank, N. Kapplmann, J. Stacy, M
	Bolsa Chica ER/wetlands	State Lands Commission	25	0	0	25	21-Jan-21	P. Knapp, R. Griswold
	Huntington City Beach	City of Huntington B.	2	0	0	2	21-Jan-21	J. Bush, J. Joun, P. Zonglo, J. Hall
	Huntington SB	CDPR	17	0	0	17	24-Jan-21	B. Aird, D. Lithgow, C. Steinberg, S. Biziaux
	Newport Beach	City of Newport B.	0	0	0	0	17-Jan-21	D. Koken, B. Sandstrom, K. Black
	Upper Newport Bay	CDFW						
	Balboa Beach	City of Newport B.	17	0	0	17	17-Jan-21	T. Gee, H. Fuhrer, P. Fuhrer
	Corona Del Mar	CDPR	0	0	0	0	17-Jan-21	A. Canney, J. Eng, J. Eng
	Crystal Cove State Park	CDPR	21	0	0	21	20-Jan-21	C. Steinberg, B. Halladay, S. Howard, S. Kaveggia
	Laguna Beach	City of Laguna Beach	0	0	0	0	21-Jan-21	E. Halverson, J. Gonzalez
	Salt Creek	County	35	0	0	35	20-Jan-21	A. Stanton, S. Counts, B. Sabin
	Doheny SB	CDPR	7	0	0	7	21-Jan-21	G. Markussen, M. Lincoln
	Capistrano	County						no survey
	San Clemente City	City of San Clemente	0	0	0	0	16-Jan-21	C. Garcia, C. Torres
	San Clemente SB	CDPR	20	0	0	20	22-Jan-21	D. Etchison, G. Markussen, Z. Purim-Adimor
County Total			197	0	0	197		
San Diego	San Onofre/Trestles	CDPR	17	0	0	17	21-Jan-21	L. Nguyen, C. Kiddoo
	Camp Pendleton	US Marine Corps	41	0	0	41	20-Jan-21	T. Wooten, E. Oey
	Oceanside	City of Oceanside	0	0	0	0	19-Jan-21	S. Brad
	Buena Vista Lagoon	CDFW	0	0	0	0	17-Jan-21	S. Vernhet, N. Aponte
	Agua Hedionda	Private	0	0	0	0	17-Jan-21	S. Vernhet, N. Aponte
	Carlsbad SB	CDPR						no survey
	S. Carlsbad S.B.	CDPR	1	0	0	1	22-Jan-21	L. Squires
	Batiquitos Lagoon	CDFW	0	0	0	0	22-Jan-21	C. Estes, J. Boland
	San Elijo Lagoon	County/CDFG	0	0	0	0	16-Jan-21	R. Patton; M. Bache
	Cardiff SB	CDPR	61	0	0	61	22-Jan-21	L. Squires
	San Dieguito Lagoon	State	0	0	0	0		B. Foster
	Del Mar City Beach	City of Del Mar						no survey
	Los Penasquitos Lagoon	CDPR	1	0	0	1	21-Jan-21	L. Squires
	Torrey Pines SB- Blacks	CDPR	0	0	0	0	22-Jan-21	M. Sadowski
	La Jolla	City of S. Diego	0	0	0	0	25-Jan-21	M. Sadowski
	S. Mission Beach	City of S. Diego	58	0	0	58	22-Jan-21	J. Lesley, S. Perry
	San Diego River Channel (incl. Dog Beach)	City of S. Diego	0	0	0	0	22-Jan-21	J. Lesley, S. Perry
	Ocean Beach	City of S. Diego	0	0	0	0	21-Jan-21	S. Vissman
	Mariner's Point	City of S. Diego	0	0	0	0	22-Jan-21	J. Lesley, S. Perry
	Fiesta Island	City of S. Diego	0	0	0	0	21-Jan-21	J. Jackson, G. Jackson
	Sweetwater NWR	USFWS/Port of SD	0	0	0	0	17-Jan-21	L. Squires, M. Sadowski
	Chula Vista Wildlife Reserve	SDCo. Airport Authority	0	0	0	0	21-Jan-21	R. Patton
	SD NWR/Salt Works	USFWS	119	0	0	119	17-Jan-21	L. Squires, M. Sadowski
	NAS North Island	US Navy	50	0	0	50	20-Jan-21	K. Ozkan
	Coronado Beach	City of Coronado	0	0	0	0	19-Jan-21	J. Jackson, G. Jackson
	Naval Amphibious Base-Ocean	US Navy	44	0	0	44	20-Jan-21	R. Smith
	NAB Bay-Delta Beach	US Navy	0	0	0	0	20-Jan-21	R. Smith
	Silver Strand SB-Ocean	CDPR	0	0	0	0	19-Jan-21	L. Squires
	Silver Strand SB-Bay	CDPR	0	0	0	0	24-Jan-21	M. Sadowski
	Naval Radio Receiving Facility	US Navy	3	0	0	3	20-Jan-21	K. Ozkan
	South Bay Biological Reserve	County of San Diego	0	0	0	0	17-Jan-21	J. Jackson, G. Jackson
	Imperial Beach	City of Imperial Beach	0	0	0	0	18-Jan-21	J. Jackson, G. Jackson
	Tijuana Estuary/Tijuana Slough NWR	USFWS	35	0	0	35	18-Jan-21	L. Squires, M. Sadowski
	Border Field SP	CDPR	38	0	0	38	18-Jan-21	L. Squires
County Total			468	0	0	468		
Total Unit 6			858	0	0	858		
California Total			3793	12	9	3772		
Pacific Coast Total			4496	119	109	4268		

WDFW = Washington Department of Fish and Wildlife
 CDFW = California Department of Fish and Wildlife
 CDPR = California Department of Parks and Recreation
 BLM = US Bureau of Land Management
 USFWS = US Fish and Wildlife Service
 USNPS = US National Park Service
 USFS = US Forest Service
 USACE = US Army Corps Engineers
 OPRD = OR Parks and Recreation Dept
 GGNRA = Golden Gate Nat. Recreation Area
 CCC = California Coastal Conservancy