

Distribution of birds seen through the year at San Dieguito Lagoon

April 2019

		J	F	M	A	M	J	J	A	S	O	N	D	
Greater White-fronted Goose	2010										8			
	2011													
	2012		3											
	2013												6	
	2014	1	1											
	2015													
	2016													
	2017													
	2018													6
	2019		9	18										
	Snow Goose	2010												
2011			1											
2012														
2013		2	2										1	
2014														
2015			2	3										
2016		1	1											
2017												1	1	
2018		1	1										1	
2019		1	1											

Ross's Goose

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1

Ross's/Snow Goose

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1

Brant

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

2 3 3

1

1

1

Cackling Goose

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

2

6

2

1

Canada Goose

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

650 3
247 589 10
626 513 1
500 700
547 459 60
423 459 25
205 382
212 611 15
314 260 10 5
178 490

300
492
160 570
403
16 450
89
433
21 28
340

10
16

Hybrid Canada Goose X Greylag Goo

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1

		J	F	M	A	M	J	J	A	S	O	N	D
Gadwall	2010	76	93	121	85	75	112	52	60	29	25	35	96
	2011	147	139	73	107	67	93	9	47	64	43	60	191
	2012	129	62	106	62	106	80	6	10	12	5	42	51
	2013	48	47	98	47	64	71	26			1	25	54
	2014	27	23	50	50	47	27	3				11	9
	2015	53	36	44	12	9	20		3			1	28
	2016	35	55	40	39	30	31	8	4	2	1	4	5
	2017	24	44	97	15	25	20	16	14			7	3
	2018	16	42	29	69	54	32		2	5		9	4
	2019	53	54	47	41								
Eurasian Wigeon	2010	1	1	1									1
	2011	1											
	2012												
	2013												
	2014												
	2015			1									
	2016												
	2017												
	2018												
	2019												

Eurasian/American Wigeon hybrid	2010												
	2011												
	2012												
	2013											1	
	2014												
	2015												
	2016												
	2017				1								
	2018												
	2019		1										

		J	F	M	A	M	J	J	A	S	O	N	D
American Wigeon	2010	105	556	432	154	30					3	190	386
	2011	423	214	438	175	21					9	327	819
	2012	362	199	257	160	3					90	244	160
	2013	180	135	121	58	4					22	84	367
	2014	234	126	300	112	7					8	68	230
	2015	504	364	237							4	106	345
	2016	343	178	264	138	32					23	81	455
	2017	660	265	354	66			1	1		5	137	405
	2018	303	373	198	125	3					7	104	189
	2019	466	422	484	212								
Mallard	2010	17	32	53	114	50	121	135	173	119	105	49	80
	2011	37	42	79	52	52	107	144	171	176	122	103	246
	2012	84	72	53	59	88	65	54	121	50	40	46	134
	2013	45	93	112	75	95	84	87	84	39	70	32	85
	2014	66	88	76	41	62	52	20	17	5	10	37	40
	2015	69	43	85	29	30	50	14	14	5	52	14	28
	2016	89	57	60	54	96	106	99	128	21	28	21	32
	2017	49	98	76	68	92	80	160	54	47	86	89	32
	2018	56	50	53	45	65	77	24	38	34	109	10	53
	2019	56	133	39	97								
Blue-winged Teal	2010	5	22	12	12					2	15	6	5
	2011	27	3	7	9	5		1	1	2	11	16	13
	2012	1	9	12	12	1				2	13	12	3
	2013	19	5	19	7						5	23	3
	2014		3	7	2	1				2			
	2015	6		8	11								
	2016		2		6	4							
	2017	1	3		5				12				
	2018												
	2019	1											

Cinnamon Teal	2010	4	25	30	16	5	1	3	10			2	8
	2011	23	9	32	34	5		3	5	9	7		11
	2012	13	30	18	9	6	4	2	4	3	3	1	2
	2013	6	8	26	26								
	2014	1	6	3	10								
	2015		17	12	12				3		2	1	
	2016	8	14	18	7	5	2	4		2	2	8	2
	2017	9	14	16	12			3					2
	2018	10	3	9	12	2				1			1
	2019		11	24	12								

Blue-winged X Cinnamon Teal	2010												
	2011												
	2012												
	2013												
	2014												
	2015												
	2016				1								
	2017												
	2018												
	2019												

Northern Shoveler	2010	20	177	171	12							100	94
	2011	212	105	336	90		2				7	10	188
	2012	112	127	180	394					1	10		14
	2013	17	109	147	176							15	10
	2014	17	1	36	70						8	1	
	2015	88	67	174	106								12
	2016	64	176	147	30	2	1	1					11
	2017	135	166	216	20		2					25	13
	2018	55	152	121	60								
	2019	94	202	225	24								

		J	F	M	A	M	J	J	A	S	O	N	D
Northern Pintail	2010	96	105	27							10	111	432
	2011	300	271	289	6				2	2	6	28	320
	2012	190	194	100	62	7	3			8	1	5	25
	2013	56	140	61	4		1	1			1	5	24
	2014	26	69	13	1						1		19
	2015	102	98	10	3								33
	2016	17	72	24						5			2
	2017	73	72	35							2		2
	2018	60	51	10									2
	2019	22	2	5	2								
Green-winged Teal	2010	58	114	29	17							49	200
	2011	300	57	286	44					2		10	96
	2012	153	63	133	16	1	1					9	45
	2013	98	160	127	6							5	33
	2014	49	48	64	11	2							16
	2015	62	116	73	8							4	4
	2016	37	63	46	36	1	1						8
	2017	25	46	40	12							2	6
	2018	51	29	24	11								
	2019	8	25	26	3								
Teal sp.	2010												
	2011											2	
	2012												
	2013												
	2014												
	2015												
	2016											1	
	2017												
	2018												
	2019												

Hybrid Mallard X Teal

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												1
2014												
2015												
2016												
2017	1	1	1									
2018												
2019												

Canvasback

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	2											
2011	8	6	4									3
2012	6	9	2									3
2013	7	3			1							
2014	1	2	1									
2015												
2016	3	3	2			1						
2017			1									
2018	4											
2019												

Redhead

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	35	42	49	10	8	6	11	5				5
2011	18	24	22	22	8	10						28
2012	33	24	12		7	4	4	4				
2013	1	9	10	9								4
2014												
2015	6											
2016		3	3	4	2							
2017	2	12	6	1	4	1	16	4	1			
2018				2	2							
2019		1	2	9								

		J	F	M	A	M	J	J	A	S	O	N	D
Ring-necked Duck	2010										1		
	2011												
	2012												
	2013												
	2014												
	2015												
	2016												
	2017												
	2018												
	2019												

		J	F	M	A	M	J	J	A	S	O	N	D
Lesser Scaup	2010	80	81	77	21						39	68	
	2011	74	25	89	16						6	36	
	2012	63	42	30	3						7	22	
	2013	62	38	10	7						3	21	
	2014	42	42	70	4								35
	2015	40	89	64	6		1	1	1		1	19	
	2016	21	21	31	7						1	5	
	2017	19	44	32	3								4
	2018	7	22	11	5	1					2	10	
	2019	15	37	37	4								

		J	F	M	A	M	J	J	A	S	O	N	D
Surf Scoter	2010	40		12	2			3				10	
	2011	13		2		1	5				15	54	
	2012	2	12	8	37						18	3	
	2013	1	8	1		50					17	1	
	2014	20									10		
	2015												2
	2016												2
	2017			1		2							
	2018			1	40						6	12	
	2019		6		1								

		J	F	M	A	M	J	J	A	S	O	N	D	
Bufflehead	2010	87	87	111	26	1						10	83	
	2011	120	78	80	39							11	114	
	2012	117	78	66	66	3	1					18	44	
	2013	58	70	45	12	4						4	55	
	2014	62	71	66	8							1	44	
	2015	77	54	34	3							1	73	
	2016	70	50	23	3							7	40	
	2017	50	41	48	10							6	23	
	2018	25	21	23	12									34
	2019	43	36	40	9									

Common Goldeneye	2010												
	2011												
	2012				1								
	2013												
	2014												
	2015												
	2016												
	2017												
	2018												
	2019												

Hooded Merganser	2010	2									2	4
	2011	7	2	3								8
	2012	13	8									
	2013		3	3								15
	2014											2
	2015		3									
	2016											
	2017											
	2018										2	6
	2019		2									

		J	F	M	A	M	J	J	A	S	O	N	D
Common Merganser	2010			1									
	2011												
	2012				1								
	2013												
	2014												1
	2015												
	2016												1
	2017			1									
	2018			2	1								
	2019												
Red-breasted Merganser	2010		15	9	7							3	8
	2011	10	11	5	1							6	45
	2012	15	17	14	4								11
	2013	1	5	8	4								
	2014	8	5	1	1								7
	2015	4	5										1
	2016	1	1				1						
	2017		1	3	2			2			1		
	2018	2	5		7					1	2		1
	2019		5	3	2								
Ruddy Duck	2010	97	98	106	59	21	15	7	7	5	3	36	86
	2011	201	93	142	53	24	12		5			50	123
	2012	246	143	159	121	39	36	14	3			14	53
	2013	83	72	25	71	30	6				1	45	29
	2014	68	70	22	20	2		3				5	22
	2015	31	43	45	28	4	1	1	2		3	18	65
	2016	39	28	41	36	23	5					7	40
	2017	69	78	133	40	8	15	13	11	1	2	14	69
	2018	23	25	24	38	18	3		1	1	1	24	52
	2019	59	64	62	77								

Duck sp.

2010	60												
2011													
2012				3						12			
2013							3						50
2014	4								2				
2015							2			1	5		
2016		10	3			1					8		
2017					4		3						
2018	50	4				4					106		4
2019													

California Quail

2010	2		7	14	6	18	9	25	10	2	15	10
2011	5	15	12	7	12	15	1	24	8	6	1	7
2012	10	9	11	5	18	14	12	8	26	12	3	10
2013	1		8	15	29	2	24	9	26	9	1	8
2014	15	1	4	19	10	1	25	17	6	2		3
2015			16	14	5	19	20	41	3			12
2016	10	1	8	14	10	17	14	16	36	18		5
2017	1		3	26	16	14	21	18	77	30	4	4
2018	2	30	10	9	36	33	16	47	74	73	5	37
2019	3		28	28								

Red-throated Loon

2010			1								1	1
2011	1											2
2012												
2013	2	11	10									1
2014	1											1
2015		5	2			1						1
2016		6										1
2017	1	1	5	1								
2018	1			6								2
2019			2	4								

		J	F	M	A	M	J	J	A	S	O	N	D
Pacific Loon	2010	6	4	2			1					8	2
	2011			1									35
	2012	6	8	12			1		1				119
	2013		2	1		2	1					4	18
	2014	4			3							10	32
	2015	5								1			1
	2016	7	2			1	2						4
	2017	1	1		4	2							2
	2018		6	1								1	3
	2019	1	1	2	2								
	Common Loon	2010				1							
2011		1		2								1	6
2012										1		3	5
2013		1			10							2	6
2014		1						1					1
2015		2		2								1	2
2016			1										4
2017							1		1	1	1	1	
2018					4							1	1
2019				3	4								
Loon sp.	2010												
	2011												
	2012				2					1			10
	2013												8
	2014			1	1				1			4	
	2015												
	2016		2										
	2017				30								
	2018				2				1		1	1	1
	2019			4									

Pied-billed Grebe

2010	19	14	18	5	5	10	16	20	22	12	19	10
2011	19	11	9	6	1	11	4	14	14	10	17	27
2012	13	6	13	12	1	4	2	6	11	17	19	25
2013	17	12	21	8	9	7	8	12	15	11	19	15
2014	20	12	12	9	1	2		2	4	8	17	11
2015	12	9	5	14	7	1	5	2	2	5	13	11
2016	7	11	7	5	2	4	7	6	4	3	7	12
2017	12	4	6	4	4	12	11	10	5	4	14	13
2018	15	26	15	15	4	4	1	8	10	15	19	19
2019	16	13	8	13								

Horned Grebe

2010											2	1
2011											1	4
2012	3	2	6	1								3
2013	3	1										1
2014	6	7	2	1							2	7
2015	9	4	9	5	3							
2016	4	3	1	1								1
2017	1	4	2	2								1
2018	2	1	1									2
2019	1	1	4									

Eared Grebe

2010	4	27	30	15	3					2	7	13
2011	26	25	13	19	3					4	23	37
2012	25	16	27	22	3					2	3	10
2013	19	13	19	9	1					4	8	19
2014	17	12	11	8						2	15	14
2015	22	18	5	2	1					11	3	13
2016	7	14	11	4	2	1					3	6
2017	6	7	14	8	14	7					1	3
2018	3	5	5	4	1					1	4	1
2019	20	7	9	11								

Horned/Eared Grebe

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

2

Western Grebe

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

101	155	134	82	35					1	27	300
600		30	50	1			1	1	8	18	142
88	17	259	87	13	2			1	23	160	29
77	180	708	81	1	20					7	32
3	4	9	43						8	12	6
12	26	18	21	12						10	4
10	20	5	1			7			2	42	14
49	18	99	37		4				1	5	12
7	60	8	2	95	42					62	14
19	27	7	2								

Clark's Grebe

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

2		1									1
1	1									1	3
1	1		1							1	2
1			1							1	
										1	
		1								1	
								1			
2											1
		1		2							1
	1		1								

Western/Clark's Grebe

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												2
2012	20											50
2013	20	5										
2014											4	4
2015												
2016			30				3					
2017	2										51	33
2018	20			75	290						25	
2019				156	120							

Pink-footed Shearwater

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013							1					
2014											1	
2015												
2016												
2017												
2018												
2019												

Sooty Shearwater

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011							2					
2012								30				
2013												
2014											1	
2015												
2016												
2017												
2018												
2019												

		J	F	M	A	M	J	J	A	S	O	N	D
Black-vented Shearwater	2010												1600
	2011								15				109
	2012								275	3	450	100	500
	2013	10	57						2			1000	15
	2014	72	2					1500	25	1	2	16	
	2015		5					100	1	1	8		
	2016						1	1					5
	2017	4	5	2		1	1		825		1		
	2018	4		1	1				17				2
	2019	3		26	2								
	Shearwater sp.	2010											
2011													
2012													100
2013								2					
2014		10											
2015											2		
2016						5					3		
2017											4		
2018					4				41				
2019				15									
Black Storm-Petrel	2010								6				
	2011												
	2012									1			
	2013												
	2014												
	2015												
	2016					50		2	4				
	2017												
	2018												
	2019												

Brown Booby
2010
2011
2012
2013
2014
2015
2016 2
2017
2018
2019

American White Pelican
2010 11 2
2011
2012
2013 2
2014 1
2015 13
2016
2017 1 1 1
2018
2019

Brown Pelican
2010 19 26 5 2 1 1 4 4 3 1 97 88
2011 49 3 63 50 149 60 45 43 10 16 11 30
2012 21 29 30 21 16 21 70 75 68 18 4 30
2013 9 9 25 15 31 55 21 37 10 5 12 25
2014 26 16 10 41 15 2 5 7 54 2
2015 44 12 19 20 43 7 3 3 8 140 2 36
2016 37 13 7 20 29 9 33 4 26 39 10
2017 20 17 41 17 35 74 1 18 114 27 24 10
2018 7 15 50 35 28 6 71 11 24 13 17
2019 12 24 46 44

		J	F	M	A	M	J	J	A	S	O	N	D
Brandt's Cormorant	2010	6			1		1					50	2500
	2011	4		3		3	15	2				7	4
	2012		2		4		2	1	40	4	1	7	4
	2013	1	9	26		38	9			1	2	15	2
	2014	6	1	4			1		1	3	8	12	1
	2015	13	10	18		1				2	1		1
	2016	30	4			4	3		2		3		
	2017	630		9	3	2	2		1	4	3	2	1
	2018	1	45	2	15	9	3		1	1	6	1	7
	2019		19	3	79								
	Double-crested Cormorant	2010	43	42	19	1	4	4	1	8	17	33	44
2011		172	25	28	6	9	4	9	18	17	35	102	23
2012		69	67	18	6	32	15	25	31	45	78	132	162
2013		47	12	12	15	1	8	27	34	20	65	144	119
2014		117	36	19	33	4	9	5	22	42	43	31	29
2015		26	41	26	5	2	6	15	23	33	12	33	39
2016		74	50	48	16	9	13	38	58	55	37	51	31
2017		99	392	167	5	10	21	10	16	40	36	30	108
2018		115	17	30	13	4	9	9	36	31	23	63	78
2019		146	168	76	19								
Pelagic Cormorant		2010											1
	2011					1							
	2012									2			
	2013												
	2014				1					2			
	2015												
	2016												
	2017												
	2018		3			9			2				
	2019												

Cormorant sp.	2010										
	2011										
	2012										
	2013										
	2014										
	2015						4				
	2016										
	2017										
	2018										
	2019										

American Bittern	2010										
	2011										
	2012										
	2013										
	2014										
	2015										
	2016										
	2017										
	2018					1					
	2019										

Least Bittern	2010						1				
	2011				2						
	2012										
	2013									1	
	2014										
	2015						1		1		
	2016										
	2017										
	2018										
	2019										

		J	F	M	A	M	J	J	A	S	O	N	D
Great Blue Heron	2010	16	6	11	4	5	12	9	13	9	9	7	11
	2011	7	6	7	4	9	18	8	10	6	7	7	7
	2012	12	7	5	9	10	16	5	11	10	7	9	7
	2013	9	10	1	7	7	7	10	7	11	12	7	10
	2014	3	13	11	7	10	20	14	15	15	9	11	12
	2015	9	7	17	7	12	10	16	11	14	9	17	11
	2016	22	14	9	8	14	16	20	17	12	17	10	14
	2017	9	11	10	14	11	23	19	21	23	28	17	24
	2018	17	16	16	13	20	19	14	23	18	20	15	13
	2019	15	23	10	12								
Great Egret	2010	7	10	7	11	13	9	16	18	12	13	14	23
	2011	7	7	10	4	12	24	13	13	9	27	9	5
	2012	6	13	10	14	16	16	12	13	14	13	8	8
	2013	10	4	4	5	9	23	19	13	11	15	5	9
	2014	6	6	11	18	13	12	19	20	18	11	11	9
	2015	8	10	10	10	26	16	15	19	16	6	21	5
	2016	14	13	5	18	19	20	19	24	19	14	11	10
	2017	7	10	19	9	9	36	33	39	39	71	13	19
	2018	13	13	16	16	15	27	34	25	17	80	19	8
	2019	14	11	13	14								
Snowy Egret	2010	19	11	13	27	16	25	22	12	19	29	41	19
	2011	22	14	20	14	17	38	25	37	34	67	16	17
	2012	15	11	17	28	36	40	32	44	17	35	31	12
	2013	22	19	9	32	16	22	25	19	35	18	13	12
	2014	23	15	11	14	18	26	23	19	8	16	9	7
	2015	7	10	16	7	18	14	11	25	8	5	20	11
	2016	15	10	8	8	30	20	30	28	15	21	7	9
	2017	4	9	13	18	15	36	29	29	59	54	3	6
	2018	11	8	11	18	13	24	15	23	16	24	9	10
	2019	1	3	12	14								

Little Blue Heron

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	1							2				
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												

Reddish Egret

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010								1	1	1		
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019	1	1		1								

Cattle Egret

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012					1						8	
2013												
2014												
2015												
2016												
2017												
2018												
2019												

		J	F	M	A	M	J	J	A	S	O	N	D
Green Heron	2010	1	1		5	10	7	10	8	4	5	2	1
	2011		2	2	1	7	6	6	4	3	2	1	2
	2012	2	1	2	5	3	8	4	6	2		1	1
	2013		1	2	1	4	3	3	5	2	1	1	2
	2014	1			3	5	5	3	3	2			1
	2015		1	1	1	5	5	4	4	1		2	
	2016	1			3	2	6	4	6	6	1	1	1
	2017	2		2	4	5	7	6	2	5			
	2018	1		1	2	3	11	10	4	4	2		
	2019		1		3								
Black-crowned Night-Heron	2010	5	6	1		2	3	1		4	10	1	1
	2011	8	2		4	17	1	2	2	8	3	2	3
	2012	8	4	2	2	2	4	5	4	3	6	2	10
	2013	10	10	15	12	1	1	3	5	3	6	6	25
	2014	26	25	20	1	2	2	8	5	5	4	19	9
	2015	20	14	21	1	2	2	2	7	5		17	18
	2016	22	11	13	5	2	1	3	3	2	8	6	16
	2017	14	16	2	1	1	10	7	11	13	7	8	11
	2018	8	7	6	2	2	4	10	10	2	4	7	8
	2019	15	18	13	3								
Yellow-crowned Night-Heron	2010												
	2011						1	1	1				
	2012												
	2013												
	2014												
	2015								1				
	2016												
	2017												
	2018												
	2019		1	1									

		J	F	M	A	M	J	J	A	S	O	N	D
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White-faced Ibis	2010	22	54	15	2		13	12	21	17	41	1	2
	2011	89	5	1	3		1	3	18	34	22	79	40
	2012	38	1	15	3		1	7	40	26	21		40
	2013	21	29	24	44	3		11	3		92	30	75
	2014	38	34	40	15	1		7			12	13	65
	2015		70	60		1					4		
	2016	29				3		4	9	5	1		2
	2017		13	5	4	1	1	19	13	18	1		1
	2018	55			4					1	1	1	
	2019												

Wood Stork	2010												
	2011												
	2012												
	2013												
	2014												
	2015												
	2016								1				
	2017												
	2018												
	2019												

Turkey Vulture	2010								1				
	2011												
	2012										1		1
	2013	3											
	2014			1	1								
	2015			1		1	1	1		1			3
	2016				1						2		
	2017	2										2	
	2018		1					1			3		1
	2019	1	1										

		J	F	M	A	M	J	J	A	S	O	N	D
Osprey	2010	2	4	3	2	2	3	3	2	6	10	5	3
	2011	7	5	3	1	3	3	1	3	6	9	8	8
	2012	3	2	5	5	1	1	3	4	4	5	5	2
	2013	7	3	3		3	4	2	5	4	8	5	3
	2014	4	8	3	2	2	5	6	5	9	10	6	13
	2015	1	6	6	4	5	4	4	5	6	4	10	6
	2016	6	3	3	4	4	5	5	4	8	7	9	7
	2017	3	5	4	6	8	5	3	2	3	5	7	2
	2018	3	5	7	1	6	6	4	4	10	9	4	7
	2019	3	7	3	4								
White-tailed Kite	2010	3	4	6	1	3	5	5	4	8	3	1	2
	2011	3	2	1		1		1	1	2	2	6	6
	2012	4	4	3	1	7	5	4	9	6	6	2	3
	2013	2	2	1	1	2		2	4	1	2	1	1
	2014	2	3	7	1	1					1		2
	2015	2	2				1			1			1
	2016	1	1	1						1			
	2017		1				3			1			
	2018			1		2		1	3	3	1	5	3
	2019	4	6	2	5								
Northern Harrier	2010	4	6	3	7	1		8	1			3	2
	2011	2	3	2	3	3	2	2	1	3		6	8
	2012	7	5	5	8	3	5	3		2	3	4	6
	2013	6	2	4	6	3			2		6	8	10
	2014	4	3	10	4	8	1	2		1	3	4	10
	2015	3	3	4	2					1	1	2	9
	2016	3	5	6	2							3	5
	2017	5	5	4	1	2			2	1	1	2	2
	2018	5	1	4	2					1	2	4	3
	2019	3	3	2	2								

Sharp-shinned Hawk

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011	2			1						1		4
2012	3		1								1	
2013											1	1
2014	1									1		1
2015	1	1								1		
2016		1										1
2017	2											
2018	3		1							1		1
2019	1	1										

Cooper's Hawk

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	1		1	2	1	1	1	3	7	1	3	3
2011	3	5	1		1	2	3	4	5	3	7	3
2012	3	3	3	2	4		3	4	3	3	7	1
2013	2	3	3	3	2	1	1	2	1	2	4	4
2014	3	7	7	5	4	3	1	1		1	2	1
2015	1	3	1	1		2			6	1	3	3
2016	2		1		1			1		3	4	4
2017	1	2	3	2	2	2	4	2	2	5	3	10
2018	2	2	4	3	2	4	2		7	7	7	2
2019	3	5	5									

Accipiter sp.

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												1
2012										1		
2013												
2014												
2015												1
2016												
2017												
2018												
2019	1											

		J	F	M	A	M	J	J	A	S	O	N	D
Red-shouldered Hawk	2010	2		2			1		3	4		1	1
	2011		2	4	1	2	1			3		4	2
	2012		2	2	1	2	1		5	3	3	5	2
	2013	2	2	3	1	2	1		1	2	2	5	3
	2014	9	1	5	1	2	3	3	2	3	2	3	4
	2015	3	2	3		1		2	4		7	5	5
	2016	2	4	2				1	2	5	3	5	2
	2017	2	1	2	1	1	2	4	1	2	5	1	2
	2018	2	1	1	1	3		1	2	4	6	3	2
	2019	2	4	3	2								
Swainson's Hawk	2010						1		1				1
	2011												
	2012												
	2013												
	2014												
	2015												
	2016												
	2017												
	2018												
	2019												
Red-tailed Hawk	2010	15	12	12	13	12	7	6	1	5	6	7	14
	2011	10	7	12	8	7	16	12	9	8	7	7	12
	2012	14	19	17	15	17	14	10	7	1	10	11	14
	2013	10	8	8	5	4	8	9	7	7	4	14	11
	2014	10	9	15	9	6	11	6	5	6	8	10	14
	2015	5	7	10	8	10	11	5	5	4	7	13	18
	2016	21	11	6	12	8	8	4	9	4	12	10	6
	2017	9	14	11	7	4	11	11	2	3	3	7	10
	2018	11	19	8	13	25	12	7	7	8	11	14	6
	2019	10	12	12	8								

Ferruginous Hawk

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												1
2012	1											
2013												1
2014												1
2015	1											
2016	1											
2017												
2018												
2019												

Buteo sp.

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												
2014												
2015												
2016							1					
2017												
2018												
2019												

American Kestrel

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	6	4	3	6	2	4	3	2	3	5	6	8
2011	6	7	8	5	3	3	2	6	8	12	9	9
2012	10	3	6	7	2	2	1	6	4	10	16	10
2013	11	8	4	4	5		2	4	7	10	9	15
2014	4	6	5	4	4	2	2	3	8	6	9	7
2015	6	7	4	1	4	5	6	6	6	7	8	12
2016	9	9	8	14	3	3	5	6	7	7	11	13
2017	8	8	5	4	4	4	4	3	3	4	7	7
2018	10	11	5	5	7	9	4	6	7	5	8	9
2019	5	8	2	4								

		J	F	M	A	M	J	J	A	S	O	N	D
Merlin	2010												2
	2011			1									1
	2012	1	2										
	2013											1	
	2014		1										
	2015												
	2016												
	2017												1
	2018	1		1									1
	2019	1											
	Peregrine Falcon	2010		2	2			1		1		1	3
2011		1		1								4	1
2012		1		2			1					3	
2013		2		1							1		1
2014				1	1	1		1				1	
2015			1									2	1
2016		1		1	2								
2017							1				1		
2018		1	1	2		1	2		1		2		
2019													
Falcon sp.	2010												
	2011												
	2012									1			
	2013												
	2014												
	2015												
	2016												
	2017												
	2018												
	2019												

	J	F	M	A	M	J	J	A	S	O	N	D
Ridgway's Rail												
2010		1		2	1					2		3
2011	6	3	3	5	2	6			2	3	2	4
2012	1	6	4	4	8	4		4	5	2	2	2
2013		2	5	10	5	3	3	5	2	1	3	1
2014		1	4	3	4	2	1	1	2	5	3	2
2015	3		3	1	2	1	3	7	7		1	
2016	4	1	6	6	6	1		7	5	7	4	1
2017	5	6	6		1	4	3	4	1	8		2
2018	2	1	2	2	2	1	5	6	3	6	4	3
2019	2	6	1	10								

	J	F	M	A	M	J	J	A	S	O	N	D
Virginia Rail												
2010				1	1		6	6	4	1		1
2011	2	1	1	1	8	4	1	9	6	3	2	
2012		2						1	2			2
2013							1			1		2
2014			2		1							2
2015				1	2							
2016		1				2				1	1	
2017	1		2	1		2						
2018			2	1			1	1		1	2	2
2019	2	8	1	5								

	J	F	M	A	M	J	J	A	S	O	N	D
Sora												
2010	2			6					1	1	1	1
2011	1	1	2	2					1	1	3	2
2012			1	2					3	1		2
2013				1							1	
2014				1						2	3	
2015											1	1
2016	1	1							1	2	3	
2017		1		2				1		3		2
2018				1						2	2	
2019	1			1								

		J	F	M	A	M	J	J	A	S	O	N	D
Common Gallinule	2010						2	2	1				
	2011									1			
	2012										1		
	2013				1				2				
	2014				1								
	2015										1		
	2016												
	2017						1						
	2018												
	2019												
American Coot	2010	302	327	418	196	27	32	45	30	10	36	373	273
	2011	528	435	568	496	63	19	24	38	78	65	350	1275
	2012	405	232	275	198	62	7		2	1	41	109	41
	2013	159	86	57	42	9					4	65	153
	2014	82	40	29	18	2		1		1	6	23	78
	2015	148	221	102	58	14	4	2	5	1	3	23	120
	2016	44	107	150	109	29	15	17	13	2	9	17	62
	2017	171	255	360	200	37	39	48	31	9	13	33	164
	2018	115	165	73	83	16	3				5	46	52
	2019	106	151	151	156								
Black-bellied Plover	2010	36		12	18			2	1		13	89	36
	2011	22	13		8					5	24	17	104
	2012	80	42	39	16	26		12	55	32	60	72	72
	2013	45	60	16	20	3	7		62	45	17	31	47
	2014	26	74	13	4	2			22	42	65	13	49
	2015	34	66	12	8	4	5	5	57	21	52	93	78
	2016	57	58	1	10	2	4	11	32	114	59	65	60
	2017	35	32	22	12				55	43	6	53	58
	2018	47	28	29	16	6	18	10	5	20	1	31	158
	2019	100	55	85	4								

Pacific Golden-Plover

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012				1								1
2013											1	
2014									1		1	
2015											1	
2016		1										
2017												
2018												
2019												

Snowy Plover

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												
2014												
2015	6											
2016											2	
2017												
2018												
2019												

Semipalmated Plover

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	56	13	19	30	1			10	1	122	1	2
2011	5	24	5	30	49	15		23	77	33	2	66
2012	8	10			14	20		28	34	53	10	52
2013	41	30	57	68	8	17	13	65	40	42	34	22
2014	50	42	20	117			1	48	6	73	31	24
2015	35	38	106	29	8	17		109	34	49	241	157
2016	54	71	55	41		9	1	4	39	21	65	43
2017	51	3	9	10	1	12	12	38	40	47	56	2
2018	19	68	56	69	29	20	8	78	51	100	30	52
2019	27	40	15	68								

		J	F	M	A	M	J	J	A	S	O	N	D
Killdeer	2010	35	28	48	26	17	42	26	29	27	33	42	56
	2011	92	40	22	18	56	12	23	40	35	72	46	81
	2012	55	46	21	19	23	42	21	18	42	76	95	14
	2013	56	65	83	19	16	19	15	22	28	25	37	52
	2014	38	31	52	32	25	19	5	8	28	69	20	60
	2015	50	25	22	16	18	33	34	22	32	58	42	42
	2016	26	39	55	17	29	32	36	22	40	34	81	72
	2017	27	14	21	12	16	20	13	29	33	42	87	50
	2018	60	63	51	19	22	25	31	34	31	55	47	29
	2019	63	52	35	30								
Black-necked Stilt	2010	14	8	29	27	13	33	30	6	2			
	2011		10	21	32	28	12	5	9	17	14		28
	2012	4	51	4	13	11	12	14	15	4			
	2013	5	12	10	12	15	7	8	26		2	5	2
	2014			5	10	6		6		1	1	4	
	2015	6	15	11	14	5	2						
	2016	10	8	20	16	15	4	5	19				
	2017	2	20	15	21	10	15	13	19	6			
	2018	5		5	10	6	3		3				
	2019	4	7	11	8								
American Avocet	2010		17	24	4	11	19	6	5				1
	2011	10	6	2	38	34	15				5		
	2012	16	30	44	38	8	14	8	3	1			
	2013	4	20	5	4	7	2	6	2			2	
	2014	4	2	10	6	1			1				1
	2015	3	5	1	12	10	16						
	2016				6	12				1			
	2017		4	23	7	3	7	1	4	1			2
	2018		2		5	2	6						
	2019			17	11								

		J	F	M	A	M	J	J	A	S	O	N	D
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Spotted Sandpiper

2010	4	9	1	2	2	1			1	7	6	4
2011	8	10	2	2	6			2	3	14	11	9
2012	5	3	6	8	8			5	5	5	8	5
2013	5	7	8	6	4			3	6	8	9	5
2014	9	3	4	7	6			4	12	11	8	3
2015	3	5	7	2	5		4	2	8	4	9	6
2016	5	7	2	12	10			8	8	6	9	9
2017	9	11	3	6	5			4	16	7	16	6
2018	10	9	6	6	11			4	16	9	7	11
2019	5	8	15	9								

Solitary Sandpiper

2010												
2011												
2012												
2013												
2014										2		
2015												
2016												
2017												
2018												
2019												

Greater Yellowlegs

2010	5	4	4	7		3	1	10	7	6	2	8
2011	8	7	1	6	1		1	1	16	9	5	14
2012	5	8	16	9	1			4	5	2	3	7
2013	5	5	7	7	2		1	2	5	6	5	10
2014	6	7	7	11	1		1	5	4	2	9	3
2015	2	4	6	10	1			5	2	3	2	5
2016	2	5	14	10	3	1	3	2	5	2	6	1
2017	6	3	3	3				5	2	4	1	1
2018	6	4	4	6		2	7	4	3	2	3	2
2019	2	4	10	4								

			J	F	M	A	M	J	J	A	S	O	N	D
Willet	2010		23	49	47	26	1		1	4	2	6		10
	2011		18	16	10	19				7	1		12	34
	2012		4		1	3				5		4	12	24
	2013		37	27	12		1		1	1		8	9	3
	2014		43	22	15	23	2		4	20	29	25	35	38
	2015		20	19	32	27	6	5	1	10	29	14	38	30
	2016		22	27	12	18	7		3	3	20	54	38	41
	2017		24	29	33	30				10	36	12	47	32
	2018		10	20	32	14	4	8	13	9	24	24	31	16
	2019		22	28	18	22								
Lesser Yellowlegs	2010		1									3	6	
	2011		1		1	3					4	5	1	3
	2012			2		1					1	3	1	
	2013		1									1	1	
	2014		1			1							2	
	2015					1		1			5			
	2016		2					1		4				1
	2017		2							2				
	2018		3					1						
	2019													
Yellowlegs sp.	2010													
	2011													
	2012													
	2013													
	2014													
	2015													
	2016											1		
	2017												2	
	2018				1									
	2019					1								

		J	F	M	A	M	J	J	A	S	O	N	D
Whimbrel	2010	6	5	6	35	12		4	8	5	2	7	4
	2011	14	4	9	5	1	1		16	8	8	3	19
	2012	7	8	3	3	7		4	11	4	10	20	12
	2013	13	8	16	3	7		2	5	5	5	9	15
	2014	24	10	6	19	5	14		32	10	12	13	10
	2015	1	6	5	13	11	7	4	26	14	10	19	11
	2016	19	8	6	16	15		6	24	15	16	11	12
	2017	9	15	8	7	4	1	1	21	24	12	7	10
	2018	8	7	8	19	14	5	31	57	14	15	15	11
	2019	11	8	12	20								
Long-billed Curlew	2010	1	1	1						4	3	4	1
	2011	8	9	2	1	3		1	1	8	8	6	11
	2012	9	8	6		2		4	5	11	5	11	5
	2013	7	6	10	1	4		3	3	5	11	22	2
	2014	4	7	7	9	2		1	5	10	8	13	10
	2015	9	8	10	11	17	8	11	11	9	7	17	15
	2016	6	5	5	6			3	7	8	12	19	8
	2017	9	6	10	4	1	3	4	14	7	10	15	18
	2018	11	20	13	8	3		19	25	7	21	27	14
	2019	23	16	17	3								
Marbled Godwit	2010	20	20	15	2						1		1
	2011	4	5										1
	2012	3							1	4		1	
	2013	4	10	1		1					2	1	8
	2014	31	6		20		4		1	5	8	5	17
	2015	7	15	17	18	6	3			6	6	10	27
	2016	18	17	13	15	9					9	10	16
	2017	19	43	5	15					2	2	14	7
	2018	4	2	18	19		2			1		3	2
	2019	10	13	20	7								

Ruddy Turnstone

2010
2011
2012
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2014
2015
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Black Turnstone

2010
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Sanderling

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59 6 1
26 14 20
12 2 10
10 37 1 2
5
3

		J	F	M	A	M	J	J	A	S	O	N	D
Western Sandpiper	2010	106	589	7	34			2	24	16	59	61	36
	2011	711	188	180	19	3		41	1	109	154	46	379
	2012	76	332	156	106	2		24	19	50	21	125	64
	2013	241	257	90	61	1		25	3	10	17	36	79
	2014	157	105	71	82	2		12	2	10	17	31	38
	2015	60	50	44	2				7	3	35	118	258
	2016	91	165	109	8	2		28	32	31		58	35
	2017	60	36	16	35			12	15	38	84	144	24
	2018	5	96	84	98	5		28	7	8	24	77	61
	2019	84	43	23	43								
Least Sandpiper	2010	117	6	47	35			1	2	15	14	84	83
	2011	328	29	54	118	2		2	15	59	30	51	28
	2012	23	64	133	107				22	25	61	34	30
	2013	37	131	234	40				78	30	44	130	74
	2014	54	67	17	122				12	56	35	24	25
	2015	17	126	271	175				61	16	61	42	65
	2016	56	151	50	32			2	20	6	22	1	105
	2017	130	124	75	69				28	3	16	101	27
	2018	97	90	124	64			4	3	14	19	30	75
	2019	77	41	24	98								
Peep sp.	2010			300	3				25	2			20
	2011	100	4	150	75			12	8	42	10	55	350
	2012		27		87			2		32		20	6
	2013	8	200	1				20		12	10	2	
	2014		70	20	20				8	2	4		10
	2015		17	40						17	10	230	30
	2016	23	220	40	38			12	9	32	55	36	12
	2017	20		13	80					9	90		
	2018	115	212	45	22			10	5	2	2		15
	2019	8	4	20	24								

		J	F	M	A	M	J	J	A	S	O	N	D
Pectoral Sandpiper	2010										2		
	2011										2		
	2012												
	2013												
	2014												
	2015												
	2016												
	2017												
	2018												
	2019												
Dunlin	2010		3									3	
	2011	2	1								3	2	33
	2012	1	12	3								1	6
	2013		1									4	4
	2014	15	4	8	2						3	2	5
	2015		5	6							7	3	7
	2016	3	3	1	1								5
	2017	4	1		1							10	3
	2018		8	1	1	2							4
	2019	8	2		2								
Short-billed Dowitcher	2010				1								
	2011								2	2			
	2012			15									
	2013												
	2014							4					
	2015												
	2016												
	2017												
	2018												
	2019												

		J	F	M	A	M	J	J	A	S	O	N	D	
Long-billed Dowitcher	2010				1							19	14	
	2011	20	26	61		20					9	21	4	
	2012	1	40		5	1					2		12	
	2013		75	7					2	12			5	
	2014	6	40		60							18		
	2015	1				5								
	2016			5		5								
	2017													
	2018	40		14										3
	2019													
Dowitcher sp.	2010	58	70	82	14				1		8	6	56	
	2011	113	211	32	146				1	7	4		231	
	2012	81	85	173	31	2		4	5	23		50	6	
	2013	87	65	83	12	20					10	9		
	2014			110	26	1			2		5	4		
	2015	15	65	52	100				2			4	7	
	2016	57	65	43	152	11		2	18		1	1	14	
	2017	60	22	20	22			8	7	2		17	25	
	2018	5	59	37	72	4	3	3	2	1		6	10	
	2019	30	36	13	102									
Wilson's Snipe	2010	2		5							2	6		
	2011												5	
	2012	3	3	2								2	3	
	2013	2	1	2								1	7	
	2014	9	3	3				1				1		
	2015			2									2	
	2016			1										
	2017													
	2018													
	2019			1										

		J	F	M	A	M	J	J	A	S	O	N	D
Wilson's Phalarope	2010			3									
	2011								3	3			
	2012					2	2	2	9	21			
	2013								12				
	2014					1							
	2015												
	2016						1						
	2017								6				
	2018								1				
	2019												

Red-necked Phalarope	2010					1							
	2011									13			
	2012												
	2013					1							
	2014												
	2015												
	2016												
	2017					1							
	2018								6				
	2019												

Phalarope sp.	2010												
	2011												
	2012								6				
	2013								9				
	2014									5			
	2015												
	2016												
	2017												
	2018												
	2019												

		J	F	M	A	M	J	J	A	S	O	N	D
Bonaparte's Gull	2010		25								1		4
	2011	1			75							12	
	2012												5
	2013	10									10	1	
	2014											5	
	2015		40	75		1					10		
	2016		50										
	2017					1							
	2018												
	2019												
Heermann's Gull	2010		6					1	3			120	1
	2011	3						10	4			40	2
	2012							7	150	20	15		31
	2013	1	2	5			1	7	5	9	2	5	1
	2014	2	1	1					4	7	24	153	
	2015	1		2			1	1	8	1			5
	2016	3	1					3	3	1	4	5	
	2017	9	3						1	10	2	8	
	2018	2				7		9	1	4	4	4	1
	2019		2	5	13								
Ring-billed Gull	2010	66	49	24	16	7	1	3	1	2	12	27	45
	2011	216	33	269	93	10			2	5	3	25	27
	2012	89	31	68	40	6	1	1	1	9	17	26	22
	2013	15	33	32	5		3			1	5	23	46
	2014	72	46	7	34				3	3	5	9	51
	2015	60	75	49		2	6	4	1	2	1	10	51
	2016	338	65	16	9	1				1	5	3	41
	2017	12	67	168	2		5		3	1	4	9	41
	2018	64	85	58	6	10	2			1	5	14	22
	2019	131	204	18	14								

			J	F	M	A	M	J	J	A	S	O	N	D
Western Gull	2010		12	29	18	32	7	18	15	19	29	10	115	76
	2011		207	17	35	10	10	20	54	22	37	21	56	64
	2012		42	51	5	27	13	10	59	50	48	83	54	66
	2013		15	21	25	10	28	10	36	15	61	30	72	93
	2014		71	28	20	37	6	30	34	14	47	86	61	65
	2015		26	57	13	33	25	28	14	32	50	39	19	59
	2016		12	27	20	11	27	9	19	49	14	7	98	49
	2017		20	44	46	9	23	25	50	47	157	70	100	62
	2018		93	73	22	40	60	31	51	44	50	45	73	88
	2019		31	234	209	30								
California Gull	2010		10	27	2	2	2			3			63	363
	2011		3	33	2		3	8	1	1		1	19	169
	2012			15		14	3			2		14	5	39
	2013		9	9	2	8		1	1		1		1	1
	2014		8	2	1				1	1	2		4	11
	2015		1	29		5	1		1	3	1	6	11	23
	2016		63	14	151					7		8	8	7
	2017		17	310	4	3	5		1	1	12	1	17	44
	2018		50	1	2	12	30	1		7	3	8	9	32
	2019			12	14	22								
Herring Gull	2010				1									
	2011											1		
	2012					2								1
	2013		1							3				
	2014		1											1
	2015													
	2016		1	1	1									1
	2017			2	1									1
	2018		2											
	2019			2										

Glaucous-winged Gull

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011	1				1			1				1
2012												
2013												
2014											1	
2015												
2016												
2017	1											
2018												
2019												

Gull sp.

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	9		15		3				85	21	512	
2011	4000		77	2	9		1		13	4	74	28
2012		3	5	56					1	7		34
2013	13			4		4		3	5			50
2014		1	12	1	2			2				15
2015	41		25	20	20	6		3	1	9	1	20
2016	504	20	132	45	2			11	10		1	26
2017	24	15	63	12	5		1		12	32	14	14
2018	24	1	7	1	15	25		20	80	5	15	10
2019	22	13	84	30								

Least Tern

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010							11					
2011							3	3				
2012					2	6	35					
2013					1	4	2					
2014												
2015												
2016												
2017									2			
2018						2						
2019												

		J	F	M	A	M	J	J	A	S	O	N	D
Caspian Tern	2010		2	1		3	6	5	4	1			
	2011	2	1	3	6	9	3	3	6	1	9		
	2012			3	17	1		6	10	2	2		
	2013			3	2	2	4	1	3			12	
	2014				4	2	3	1	1	6			
	2015			1	3		1		3		1		
	2016	1	2	3		7	4	6	4		4	2	3
	2017	1	2	3	1	11	3	2	10	27	2	3	
	2018			1	2	15	7	5	9	5		2	1
	2019		1	4	2								
Forster's Tern	2010	20		1	16	20	45	2	1			1	
	2011	12		1	15	19	27	37	1		28	22	5
	2012	2			26	23	14	27	7	14			5
	2013	4			23	36	13	10	3	2			1
	2014			1	19	19	8	2	10	1			
	2015					1	2		1				1
	2016				3	4	1		1	1		2	
	2017	1			17	7	4			1			
	2018				2	25	10		1				
	2019												
Royal Tern	2010		3										
	2011	45						1	3			4	1
	2012	2	1						4	9			
	2013									2		4	
	2014	1						8	1	1	2	4	
	2015	1	4	1		1					2	1	
	2016			1	12	6	4					3	2
	2017			2			1	1	1			1	
	2018		3		1	1	1		9		1		7
	2019	3	2	3									

	J	F	M	A	M	J	J	A	S	O	N	D
Elegant Tern												
2010					8	6	2					4
2011				3	2	3						
2012						3	3	1	25	2		
2013				12	2			3	2	1	1	
2014				1	1		34					
2015				2								
2016					2		1					
2017					1							
2018				1	6	12						
2019				2								

Royal/Elegant Tern												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018									12			
2019												

	J	F	M	A	M	J	J	A	S	O	N	D
Tern sp.												
2010	1				2							6
2011	30				2					5		
2012				30				30	3			1
2013									3	10		
2014	1			2				2			18	1
2015				15	2	8				3		
2016	2		2	2	39		22	1				
2017			8								2	2
2018			1		10	185	3	10	1		1	
2019		1	1	153								

Black Skimmer

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010								1				
2011							4	3				
2012							14					
2013												
2014												
2015					2							
2016						2						
2017		2						1				
2018			1									
2019												

Pomarine Jaeger

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012								1				
2013												1
2014												
2015						1						
2016												1
2017												
2018										1		
2019												

Parasitic Jaeger

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012								2	1			
2013												
2014											1	1
2015		1								1		
2016												
2017												
2018	1											
2019												

	J	F	M	A	M	J	J	A	S	O	N	D
Jaeger sp.												
2010												
2011											1	
2012		1										
2013	1								1			3
2014											1	
2015												
2016									1			
2017												
2018												1
2019		1										1

Common Murre												
2010												
2011											8	3
2012	3											
2013	1											
2014												
2015		1										
2016	1											
2017												
2018												
2019												1

Pigeon Guillemot												
2010												
2011												
2012												
2013												
2014												1
2015												
2016												
2017												
2018												
2019												

Scripps's Murrelet

2010
2011
2012
2013
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2019

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Cassin's Auklet

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

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Auklet sp.

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

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	J	F	M	A	M	J	J	A	S	O	N	D
Alcid sp.	2010											
	2011											
	2012											
	2013											
	2014										6	
	2015											
	2016											
	2017											
	2018	1										
	2019			1	1							

	J	F	M	A	M	J	J	A	S	O	N	D	
Rock Pigeon	2010	8	2	18	41	25	8	75	25	112	10	202	150
	2011	110	5	37	157	107	90	64	120	126	103	49	214
	2012	139	161	105	66	72	64	72	203	104	217	509	90
	2013	315	129	155	222	84	10	5	45	101	57	33	203
	2014	16	16	2	8	23	8	7	1	6	19	4	7
	2015	66	2	4	8	1	4	3	24	5	3	3	5
	2016	1	1	3	2	6	19	4	18	37	8	22	
	2017	7	25	8	15	2	8	9	3	17	19	3	23
	2018	16	9	18	7	4	8	3	7	33	2	8	5
	2019	11	14	2	13								

	J	F	M	A	M	J	J	A	S	O	N	D	
Eurasian Collared-Dove	2010					2	3	4	2			3	
	2011					6	1	1	4	7	34	41	19
	2012	1	5	10	9	18	12	10	16	12	27		23
	2013	5	11	3	17	53	17	11	11	14	20	12	20
	2014	23	8	27	12	16	19	17	20	17	51	20	19
	2015	26	12	41	21	36	45	31	63	64	44	12	42
	2016	62	41	17	52	61	48	38	67	60	97	49	49
	2017	16	43	52	31	19	54	32	35	89	53	20	55
	2018	37	40	28	21	42	44	24	32	40	40	14	26
	2019	7	21	30	23								

		J	F	M	A	M	J	J	A	S	O	N	D
White-winged Dove	2010												
	2011									1		1	
	2012												
	2013												
	2014												
	2015												
	2016												
	2017									1			
	2018												1
	2019												
Mourning Dove	2010	19	19	29	60	58	101	93	98	116	133	58	175
	2011	27	26	26	31	82	52	69	74	78	112	108	43
	2012	42	31	34	73	79	61	52	96	55	92	83	154
	2013	48	33	35	83	98	63	68	173	150	45	109	59
	2014	92	21	26	44	48	28	64	56	71	41	36	22
	2015	65	33	45	73	73	51	103	122	126	86	84	47
	2016	98	46	32	62	113	101	111	185	203	133	66	133
	2017	29	21	45	57	51	121	173	173	146	183	94	212
	2018	109	44	67	81	153	115	141	169	192	227	74	64
	2019	80	93	63	74								
Greater Roadrunner	2010					1							
	2011					1	1	1		1	1	1	
	2012	1									1		
	2013		1	1				1	2		1	1	
	2014			1	1	2	2				1		1
	2015		3	2		4		3	2				3
	2016	1	3		2	2	1	3	4	1	4	1	
	2017	2	1	1		2	2	3	2		1	3	2
	2018		2	4		5	5	6	5	3	1	1	1
	2019	3	3		2								

Barn Owl

2010
2011
2012
2013
2014
2015
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2019

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Great Horned Owl

2010
2011
2012
2013
2014
2015
2016
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Burrowing Owl

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1

Vaux's Swift

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												
2014					10							
2015								1				
2016												
2017					1			1				
2018									9	1		
2019												

White-throated Swift

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	30	20		10	1						89	6
2011	3					1					6	
2012				2	1							
2013	5										17	
2014		20		10								2
2015					1	5		2	8			
2016	8			1	3						40	6
2017				3				3			30	
2018					2	3		6		40	12	1
2019												

Black-chinned Hummingbird

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018									1			
2019												

Anna's Hummingbird

2010	52	35	57	54	25	23	25	57	59	30	61	54
2011	101	53	66	64	48	31	37	53	54	58	29	72
2012	45	64	67	58	63	31	38	61	34	49	55	54
2013	73	98	58	53	56	32	51	40	51	42	56	73
2014	89	62	88	75	59	43	55	56	41	62	53	69
2015	50	70	100	44	57	40	57	54	67	36	59	66
2016	89	66	36	67	72	35	64	51	47	58	66	72
2017	67	66	77	79	41	37	70	37	53	48	66	86
2018	88	87	99	64	72	52	34	58	51	67	63	91
2019	88	74	80	86								

Rufous Hummingbird

2010												
2011			2									
2012				1								
2013												
2014				3	1						1	
2015			2									
2016		1		1							1	
2017												
2018												
2019		1		3								

Allen's Hummingbird

2010							3					
2011		1	3				2		3	1	1	
2012	4	2	1	5	1	1	1	2	4			
2013	4	1		1				2		8	2	3
2014	5	8	6	8	4		5	1				4
2015	13		5	4	7	3	4	3	4	3	1	2
2016	9	15		6		9	5		2		1	15
2017	12	8	8	5	4	3	7	1				6
2018	9	14	11	12	13	19	3	10	5	1	1	2
2019	10	20	12	20								

	J	F	M	A	M	J	J	A	S	O	N	D
Hummingbird sp.												
2010												
2011												
2012												
2013												
2014												
2015												
2016												2
2017				3			1	10	2			
2018						12	8					3
2019	5	2	2	5								

	J	F	M	A	M	J	J	A	S	O	N	D
Rufous/Allen's sp.												
2010			1		1		2	2		3	1	
2011	3	4		5	3		2	2	2	1	4	3
2012	1	1	3	10	11	4	7	15	6	2	4	6
2013	6	5	13	4	6	1	34	8	10	13	6	7
2014	4	2	6	19	2	8	14	22	10	7	9	12
2015		2	18	10	9	11	18	4	20	4	6	13
2016	11	9	1	7	16	6	16	23	26	11	7	8
2017	20	15	7	10	14	24	11	18	14	10	12	14
2018	23	14	19	12	22	13	7	32	32	20	4	16
2019	31	33	9	10								

	J	F	M	A	M	J	J	A	S	O	N	D
Belted Kingfisher												
2010	3	5	4	1					3	6	7	7
2011	4	4	6	2					5	6	5	6
2012	6	3	5	3				2	4	8	8	10
2013	8	7	4	3					2	6	5	5
2014	10	5	4	3		1		3	4	4	9	3
2015	5	3	5	2				6	9	5	9	10
2016	6	5	6	4	3	1		2	9	7	8	8
2017	11	6	7	6		2		1	6	11	7	10
2018	11	6	5	4	2	1		3	6	8	6	11
2019	4	4	2	4								

Red-breasted Sapsucker

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1

Nuttall's Woodpecker

2010	3	1	3	2	2	6	5	7	7	3	5	8
2011	10	9	4	7		4	4	13	5	4	3	1
2012	3	5	3	2	6	2	4	4	3	7	9	2
2013	2	5	6	10	3	2	7	7	9	3	3	9
2014	8	2	11	9	8	7	8	10	7	5	8	13
2015	5	6	9	6	4	10	11	7	7	4	5	5
2016	10	7	4	11	7	10	12	12	8	12	9	9
2017	8	4	10	8	7	10	9	10	17	7	9	8
2018	15	6	14	9	8	11	10	15	11	15	13	11
2019	8	9	14	7								

Downy Woodpecker

2010	1		2									
2011							1					
2012			1		1	4						
2013					1							1
2014				1			1					
2015				5	1		4	1	2	1		
2016				1						1		
2017							1		1	1		
2018			2	1				2		1	1	1
2019		1										

		J	F	M	A	M	J	J	A	S	O	N	D
Northern Flicker	2010		1	1								1	1
	2011		1										
	2012			1								3	
	2013	1									1	1	2
	2014	1	1	2								2	1
	2015	4	3	2							4	5	6
	2016	6	6	1			1	1					
	2017	2								1		2	1
	2018		1	1							2	4	1
	2019	7	4	4	1								
	Olive-sided Flycatcher	2010											
2011						1							
2012													
2013													
2014													
2015							1						
2016													
2017													
2018													
2019					1								
Western Wood-Pewee	2010												
	2011					1							
	2012						1						
	2013												
	2014					1				1			
	2015						1						
	2016												
	2017								1				
	2018					2	3					2	
	2019												

Willow Flycatcher

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												
2014						1	2			1		
2015							2					
2016												
2017												
2018							2					
2019												

Gray Flycatcher

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												
2014						1						
2015												
2016												
2017												
2018												
2019					1							

Pacific-slope Flycatcher

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010					2					2		
2011					1		5			1		
2012						1						
2013					1	1				1		
2014						5	2					
2015						3					1	
2016						3	2	2				
2017					3		2			2		1
2018						4	4	1				
2019					1							

		J	F	M	A	M	J	J	A	S	O	N	D
Empidonax sp.	2010												
	2011										1		
	2012									1			
	2013												
	2014												
	2015												
	2016												
	2017							1					
	2018						1	1			2	1	
	2019												
Black Phoebe	2010	25	21	24	24	15	28	40	43	22	29	54	39
	2011	35	37	26	24	18	16	26	27	42	36	29	49
	2012	18	26	26	20	47	32	21	37	17	60	25	24
	2013	24	16	20	18	23	21	24	30	13	46	40	36
	2014	34	14	32	18	17	11	16	20	24	27	34	48
	2015	18	20	30	9	19	22	22	16	37	27	39	33
	2016	33	32	6	11	9	16	24	32	19	33	42	38
	2017	26	17	31	18	8	25	31	23	22	25	52	42
	2018	14	16	16	31	18	16	9	21	23	35	43	22
	2019	19	25	12	13								
Say's Phoebe	2010	21	13	20		7	4	12	1	3	12	21	22
	2011	32	24	8	6	9	1	3	4	7	22	23	42
	2012	24	18	6	7	11	7	12		4	17	16	15
	2013	15	17	9	7	2		4	2	2	18	19	21
	2014	26	14	9	5	5	12	4	10	4	14	22	28
	2015	13	15	10	11	2	13	2	4	6	21	24	30
	2016	28	28	13	12	9	6	10	3	2	22	28	28
	2017	22	21	8	5	6	13	11	2	2	16	22	19
	2018	16	16	17	13	5	13	5	8	3	28	21	20
	2019	12	22	8	5								

	J	F	M	A	M	J	J	A	S	O	N	D
Vermilion Flycatcher												
2010												
2011												
2012				1								
2013												
2014												
2015												1
2016		2								1		1
2017												
2018												
2019												

Ash-throated Flycatcher						1	1		1			
2010												
2011	1					3						
2012			1			1		1				
2013						2		1	1			
2014				1		1		1				
2015									1	1		
2016				1	2							
2017				1							1	
2018						4						
2019												

Tropical Kingbird												
2010												
2011												
2012												
2013	1											
2014												
2015												
2016												
2017												
2018												
2019												

		J	F	M	A	M	J	J	A	S	O	N	D
Cassin's Kingbird	2010	12	3	9	18	9	16	21	16	11	11	20	19
	2011	21	13	6	27	17	12	12	12	10	19	2	13
	2012	6	8	10	23	16	20	17	7	7	8	28	16
	2013	4	23	19	25	13	16	18	32	23	28	40	31
	2014	29	13	22	28	20	19	25	21	23	20	27	36
	2015	9	18	29	21	14	22	26	14	29	20	20	30
	2016	13	18	11	31	13	43	18	24	28	33	43	25
	2017	30	13	23	33	12	32	35	30	23	18	33	27
	2018	39	33	30	32	25	24	20	28	10	34	25	23
	2019	24	17	24	30								
Thick-billed Kingbird	2010												
	2011												
	2012												
	2013	1		1									
	2014												
	2015												
	2016												
	2017												
	2018												
	2019												
Western Kingbird	2010										1		
	2011				5	6					1		
	2012				11	9					4		
	2013				7	2				1			
	2014				18		1			1			
	2015							1					1
	2016					1							
	2017												
	2018				40	8				3			
	2019												

Kingbird sp.
 2010
 2011
 2012
 2013
 2014
 2015
 2016
 2017
 2018
 2019

2

Flycatcher sp.
 2010
 2011
 2012
 2013
 2014
 2015
 2016
 2017
 2018
 2019

1

Loggerhead Shrike

2010
 2011
 2012
 2013
 2014
 2015
 2016
 2017
 2018
 2019

						1	2		2	
	1									
									1	1
		1								
							2	1	1	2
	2	2					1	1	1	3
	2								2	1
	2	2	1	1						

Bell's Vireo

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010				2	1	1	4					
2011					1							
2012												
2013												
2014				1	2	1	4	3	3			
2015				4	7	9	10	1	9			
2016				3	2	8	4	3	2			
2017				3	2	7	4		2			
2018				5	2	3	6	8	6			
2019				12								

Cassin's Vireo

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017									1			
2018												
2019												

Plumbeous/Cassin's Vireo

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011				1								
2012												
2013												
2014						1						
2015						2						
2016												
2017												
2018												
2019												

Hutton's Vireo

2010													
2011													
2012												1	
2013													
2014	1												
2015													
2016						1							
2017		1											
2018												1	
2019		2		1									

Warbling Vireo

2010													
2011						1	1						
2012													
2013						1			1				
2014						8							
2015			1			10							
2016						13							
2017						3			1				
2018					1	29	1		1	1			
2019													

California Scrub-jay

2010	4	8	4	10	3	5	7	8	9	2	4	4	
2011	6	4	2	6	10	8	4	6	9	6	8	11	
2012	4	8	3	4	6	6	13	8	9	11	4	7	
2013	9	13	10	4	8	5	2	11	19	12	11	6	
2014	14	7	6	10	6	9	7	13	9	9	9	12	
2015	8	7	9	11	12	11	11	13	14	11	4	7	
2016	8	5	6	4	8	5	5	9	3	7	10	3	
2017	6	9	3	10	7	10	4	9	10	2	4	4	
2018	6	2	8		9	13	7	10	11	14	4	3	
2019	13	9	6	5									

		J	F	M	A	M	J	J	A	S	O	N	D
American Crow	2010	27	41	33	74	28	13	40	43	25	46	11	54
	2011	71	30	66	52	36	30	113	84	62	44	38	42
	2012	44	105	64	51	39	28	134	144	38	75	41	52
	2013	30	18	63	31	63	51	106	76	31	79	33	83
	2014	74	32	54	52	50	55	99	77	47	53	50	45
	2015	38	34	104	34	54	42	32	82	81	43	39	69
	2016	70	36	44	37	38	64	40	17	20	19	46	40
	2017	30	28	32	37	21	23	38	27	48	66	49	66
	2018	51	27	26	15	44	30	42	53	67	66	58	53
	2019	23	33	41	33								
Common Raven	2010	1	3	7	5	8	5	3	8	6	1	2	2
	2011	6	7	9	4	2	8	2	9	3	2	12	
	2012	3	2	1	12	2	4	2	2	3	9	2	1
	2013	4	1	11		10	2		2	7	6	6	2
	2014		3	9	9	5	11	3	2		4	8	1
	2015		1	9	7	5	2			3	1	1	4
	2016		3		3	5	4	1		13	2	1	3
	2017	1	5	1	6		4	1	1	3	1	7	5
	2018	7	6	8	4	11	16	2	1	2	7	6	5
	2019	7	6	6	2								
Horned Lark	2010	32	104	29	8	23	21	28	55	24	46	30	65
	2011	34	25	12	24	20	20	28	10	34	34	10	28
	2012	119	2	53	17	24	19	3	14	8			
	2013	31	15	8	8	15	12	6		11	14	21	1
	2014		5	32	14	13	20	1	1	16	12	10	44
	2015	17	6	22	20	8	25			13	8		30
	2016	50	35	17		8	12	2			5	1	
	2017		50		2	6	8		2			16	
	2018	19	16	2	1	5	11		9	3	12		
	2019	19	2	36	8								

Purple Martin

2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018									11			
2019												

Tree Swallow

2010		18	62	34	2	4		3	1	12	12
2011	57	70	116	70					2	16	
2012	9	10	3	48	2	2					
2013			19	52	11	4		3		15	
2014			7	23	9	1	1				
2015		5		18	2	5					
2016		7	24	14	9	8	7			3	
2017		85	84	12	1	10	2			12	
2018		9	5	42	3	4	1	6		15	
2019			25	7							

Violet-green Swallow

2010		2	7								
2011											
2012				46	1						
2013											
2014											
2015											
2016											
2017		7	4								
2018				1							
2019											

		J	F	M	A	M	J	J	A	S	O	N	D
Northern Rough-winged Swallow	2010		2	5	27	67	32	16	6	16			
	2011				15	14	3	12	18	11			
	2012			8	57	12	15	4	11	2	30		
	2013				34	20	75	23	15	1		16	
	2014			8	9	11	7	8	2				
	2015			1	20	16	25	1	54	5	5	3	
	2016		1	16	12	10	29	6	21	17	3	3	
	2017			2	4	8	20	17	6	9			
	2018		10		15	23	2	21	18	2	18		
	2019				16								
Bank Swallow	2010												
	2011									1			
	2012												
	2013												
	2014												
	2015												
	2016												
	2017												
	2018												
	2019												
Cliff Swallow	2010		1		230	302	291	149	72	10			
	2011				50	584	445	101	77				
	2012				147	270	244	94	60	1	1		
	2013				204	213	128	180	53				
	2014				244	567	303	44	8	7			
	2015			130	98	341	253	214	127				
	2016			7	62	55	286	293	20	4	2		
	2017				273	138	181	434	145	4			
	2018			28	39	309	609	67	47	5	2		
	2019			4	280								

		J	F	M	A	M	J	J	A	S	O	N	D
Barn Swallow	2010			3	5	2	10	6	3	37	2		
	2011					6	4	9	12	28	2		
	2012				8	8	3		2	14	17	2	
	2013				7	3	5	1		6	1		
	2014				39	2	2			1			
	2015				3		4				10		
	2016			1	22	8	1	3	1	19	1	1	
	2017	3	1	1		1	3	2	1	10	21	5	
	2018				2	2		2	1	27	35		2
	2019												
Swallow sp.	2010					52							
	2011	10									1	20	
	2012				4						2		
	2013				42	42				15		4	
	2014			15	3	30	8		2	7	2		
	2015								6		18		
	2016						10	1					3
	2017			5	1	4	9	94	7	11		3	
	2018		1		31	11	35	5	13	16			
	2019			12									
Bushtit	2010	34	29	93	49	32	81	60	80	50	85	115	40
	2011	96	136	75	64	28	53	129	99	44	55	82	179
	2012	62	79	124	92	52	107	80	181	68	137	102	74
	2013	37	91	54	37	64	32	19	37	85	84	82	91
	2014	132	77	174	71	47	48	30	14	44	47	50	95
	2015	83	36	88	48	62	87	114	102	125	101	52	57
	2016	61	88	119	31	65	63	153	178	51	131	78	191
	2017	47	109	57	57	66	91	62	71	66	48	44	114
	2018	62	142	135	56	102	105	85	124	142	107	178	197
	2019	90	94	62	57								

Red-breasted Nuthatch

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1 2 1
1 1 1

1 2

1

1

Cactus Wren

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

2

1 1

Rock Wren

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1 1

		J	F	M	A	M	J	J	A	S	O	N	D
Bewick's Wren	2010	5	1	5	4	1	4	3	5	4	8		2
	2011	8	17	8	11	3	4	3	6	16	11	3	3
	2012	3	10	13	6	5	10	11	16	17	21	16	7
	2013	12	9	9	10	9	15	7	6	8	4	5	12
	2014	12	14	12	18	8	1	4	8	13	11	8	11
	2015	9	8	8	12	12	10	9	8	7	9	12	5
	2016	10	20	8	8	10	7	14	6	10	14	11	7
	2017	9	14	13	14	6	9	13	5	11	3	11	11
	2018	11	15	17	17	14	5		7	13	21	6	3
	2019	7	17	9	16								
House Wren	2010		1	7	8	2	6	3	6	13	5	15	7
	2011	6	7	7	17	6	3	7	15	14	17	8	11
	2012	4	3	9	14	13	10	3	6	20	27	11	5
	2013	2	6	9	18	3	4	6	8	29	17	20	12
	2014	10	6	16	9	5	4	7	10	14	19	23	9
	2015	5	5	12	15	9	15	5	5	9	18	18	17
	2016	4	3	8	11	13	9	3	4	24	30	22	15
	2017	6	1	11	10	10	11	9	9	17	18	23	16
	2018	8	4	8	13	11	8		6	26	29	33	27
	2019	8	10	10	11								
Marsh Wren	2010	3	4	7	21	6	12	2	1	4	2	4	
	2011	1	1	24	55	10	8	1	1		4		4
	2012	1	1	9	8	6	3	2	1	1		3	2
	2013				7	13			4	1	2		2
	2014	1		17	3	5	2	4	2	2		2	1
	2015	2		7	7	10	7			4		3	1
	2016	2	1	4	6	7	14				6		2
	2017		2	16	13	12	7		2	2			
	2018			2	13		4		1	1		6	2
	2019		1	12	26								

		J	F	M	A	M	J	J	A	S	O	N	D	
Wren sp.	2010	2									2			
	2011													
	2012											4		
	2013													
	2014							1	4		2	1		
	2015						3			2	2			
	2016	2		2				1		3			5	
	2017				2								1	4
	2018		2					1	4	2	6	1		
	2019	2												
Ruby-crowned Kinglet	2010	4	2	5								3	3	
	2011	11	6	1								2	1	
	2012		3		1								4	
	2013	4	1	2								3	7	
	2014	12	3	3		1					1	7	15	
	2015	5	10	13						1	2	9	16	
	2016	17	23	5	1							5	9	
	2017	4	6	3								1	5	
	2018	7	4	9	1	1					6	9	11	
	2019	7	10	2										
Blue-gray Gnatcatcher	2010											1		
	2011	1	1									2	3	
	2012		3	1					2		2	1		
	2013			1							2	7	2	
	2014	1								1	6	10	14	
	2015	3	6								2	5	15	
	2016	3	7								5	11	8	
	2017	7	1	2	1						4	4	10	
	2018	6	10	3	2						20	11	13	
	2019	12	9	7	1									

California Gnatcatcher

2010	5	5	5	3		5	4	10	8	5	5	3
2011	5	8	4	6	5	10	8	12	8	8	7	7
2012	6	11	2	9	5	1	8	11	4	7	12	8
2013	7	11		6	3		5	9	10	8	5	5
2014	8	6	8	4	2	1	9	12	14	12	9	15
2015	3	7	6		6	7	19	15	22	15	10	11
2016	9	11	1	13	9	11	21	14	22	25	22	32
2017	26	7	16	16	14	24	39	34	26	21	16	48
2018	37	17	25	14	21	31	41	54	43	48	34	38
2019	24	34	14	26								

Gnatcatcher sp.

2010												
2011												
2012												
2013											1	
2014											1	
2015				1								
2016												
2017		1										
2018			1									
2019		5										

Western Bluebird

2010		13	2	2		3			2		2	1
2011	4	6	7	4	5					3		
2012		6	4	3	2	5		3				1
2013	2	8	4	6		2	2	5	4	9	2	18
2014	9	1	3	8	6	5	3	5		1		13
2015		11	16	6	1	4	15	3	5	2	3	3
2016	2	9	8	3	8		1	5		3		
2017	3	2		2		8	2				3	6
2018	2	7	9	4	1		4	10	8	14	12	6
2019		4	8	4								

Swainson's Thrush

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												2
2019												

Hermit Thrush

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010											1	
2011											3	2
2012			1	1								1
2013	3	2			1						1	5
2014	2	2	4								5	16
2015	9	11	5								4	6
2016	6	5									7	1
2017	3	6	3	3							4	4
2018	2		1							3	2	4
2019	11	15	7									

American Robin

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012												
2013												
2014												
2015												1
2016	1											1
2017												
2018												1
2019												1

		J	F	M	A	M	J	J	A	S	O	N	D
Wrentit	2010	9	9	8	15	5	11	15	17	16	15	19	9
	2011	17	28	30	10	37	15	20	24	29	20	20	23
	2012	26	33	27	30	18	11	20	32	19	23	20	19
	2013	15	23	18	19	27	25	19	21	22	25	16	27
	2014	42	26	6	24	21	20	26	24	16	16	27	23
	2015	16	20	23	17	21	23	15	21	14	15	22	24
	2016	15	17	13	24	12	21	23	21	21	16	18	18
	2017	21	23	18	18	25	24	23	27	18	11	21	21
	2018	24	15	16	19	27	16	16	23	18	23	25	24
	2019	26	29	27	16								
Northern Mockingbird	2010	7	9	25	22	29	40	24	22	12	8	11	14
	2011	12	5	16	18	28	23	26	14	5	8	8	8
	2012	8	20	22	13	26	39	13	17	6	14	10	6
	2013	5	11	14	13	18	12	21	24	15	9	7	11
	2014	3	5	14	25	16	23	19	22	14	13	11	13
	2015	6	9	18	16	20	14	19	14	6	14	8	5
	2016	12	9	13	19	21	40	45	23	15	9	27	9
	2017	17	14	16	30	23	29	37	18	13	24	16	8
	2018	7	14	15	15	40	45	51	19	28	18	15	6
	2019	2	18	18	30								
California Thrasher	2010	4	2	1	2	4	2	7	3	7	4	6	7
	2011	8	6	4	5	15	4	8	12	13	12	8	6
	2012	8	7	5	7	5	3	5	10	5	8	2	12
	2013	11	5	7	10	6	5	5	10	14	11	14	10
	2014	9	10	12	11	9	10	15	16	12	8	11	8
	2015	15	12	6	7	4	12	9	13	20	16	7	9
	2016	19	17	5	17	10	15	23	20	25	23	25	15
	2017	23	22	17	14	7	24	17	19	36	6	12	5
	2018	18	20	27	17	15	11	7	22	30	25	13	15
	2019	28	19	11	19								

		J	F	M	A	M	J	J	A	S	O	N	D
European Starling	2010	152	21	35	58	173	55	105	57	46	69	46	80
	2011	37	18	65	15	78	73	89	70	32	116	531	293
	2012	253	13	39	27	71	44	64	66	38	140	52	261
	2013	108	166	49	79	85	23	16	9	28	19	21	191
	2014	54	9	12	45	34	46	16	48	53	44	38	62
	2015	131	11	133	33	60	128	17	59	252	153	42	55
	2016	112	37	91	58	49	65	27	57	40	66	75	184
	2017	13	28	38	48	45	114	65	40	17	49	41	60
	2018	207	18	44	24	38	39	55	52	93	19	10	137
	2019	26	134	67	28								
American Pipit	2010	44	11	86								23	84
	2011	73	44	5	30	6						359	135
	2012	42	6	25								25	67
	2013	4	2	45	2	2				20	53	39	
	2014	20	4	4	14					1	13	19	
	2015		39	13	92					1	129	37	
	2016	122	18	8	3					2	91	63	
	2017	20	16	19							61	17	
	2018	17	14	9		3				3	127	55	
	2019	43	40	6	2								
Cedar Waxwing	2010				6								5
	2011	6	1										3
	2012												20
	2013		25	34	20					1			60
	2014	20				20							42
	2015	30	8										
	2016	8	40		1								
	2017	6											
	2018												34
	2019												

Phainopepla	2010						1		1				
	2011					2							1
	2012												
	2013												
	2014						1						
	2015												
	2016												
	2017												
	2018												
	2019												

Orange-crowned Warbler	2010	3	1	8	8	1	3		7	1	1	8	7
	2011	5	6	6	10	6	1	1		5	6	5	15
	2012	1	4	3	4	1	1	2	6	1	7	4	6
	2013	7	2	4	18	5	4		2	9	8	3	9
	2014	8	2	15	18	10	2	3	2	5	17	15	17
	2015	3	4	11	13	5	3			4	4	5	11
	2016	8	18	3	6	7	2	2	3	3	5	7	13
	2017	10	7	6	19	11	11	2		7	9	7	11
	2018	12	7	11	23	12	10	2	5	4	26	10	7
	2019	7	13	8	29								

Nashville Warbler	2010												
	2011					1							
	2012												
	2013				2								
	2014												
	2015												
	2016												
	2017												
	2018					3							
	2019				2								

Virginia's Warbler

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011										1		
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												

Yellow Warbler

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010				1	7		6					
2011				2	5	3				1		2
2012		1	1	2	11	2				2	1	1
2013	2			2	10	5	5		2		1	
2014				6	13	13	3	4				3
2015			2	5	24	11	24	6	2	1	1	1
2016		1	1	1	13	18	8	4				1
2017	1				7	8	1		1			2
2018				1	28	8	5	6		1	1	1
2019	1			3								

Yellow-rumped Warbler

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	94	34	113	27		1			1	75	157	
2011	315	103	65	124					1	49	204	
2012	86	122	67	46					53	180	120	
2013	77	45	84	49					8	164	276	
2014	263	101	148	87					61	222	281	
2015	66	95	104	53					23	214	275	
2016	305	158	72	37					15	335	224	
2017	128	179	142	45					4	112	331	
2018	198	111	106	55	7				107	266	363	
2019	201	169	127	42								

...Myrtle

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011												
2012		1									1	
2013										1		
2014			1							1		
2015												
2016		1										2
2017												
2018			1									1
2019		1										

...Audubon's

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010	94	34	113	27		1			1	75	157	
2011	315	103	65	124					1	49	204	
2012	86	121	67	46					53	180	119	
2013	77	45	84	49					8	163	276	
2014	263	101	147	27					61	221	281	
2015	66	95	104	53					23	214	275	
2016	305	157	72	37					15	335	222	
2017	128	179	142	45					4	112	331	
2018	198	111	105	55	7				107	266	362	
2019	201	168	127	42								

Black-throated Gray Warbler

Year	J	F	M	A	M	J	J	A	S	O	N	D
2010												
2011						2						
2012												
2013												
2014						2						
2015												
2016												
2017									1			
2018					1				1	1	1	
2019			1									

		J	F	M	A	M	J	J	A	S	O	N	D	
Townsend's Warbler	2010											1	2	
	2011				1	2								
	2012													
	2013												3	
	2014	1												
	2015	1			1								1	
	2016	1	2										3	
	2017													
	2018					8				2	1			
	2019			1										
	Hermit Warbler	2010												
2011						1								
2012														
2013														
2014														
2015														
2016														
2017						1								
2018						4								
2019														
Grace's Warbler	2010													
	2011													
	2012													
	2013													
	2014													
	2015													
	2016													
	2017													
	2018			1										
	2019													

		J	F	M	A	M	J	J	A	S	O	N	D
Common Yellowthroat	2010	12	14	29	36	45	78	43	19	16	19	12	22
	2011	19	15	37	73	37	53	20	9	21	19	10	53
	2012	11	19	49	34	66	40	19	14	22	30	21	23
	2013	24	3	21	54	49	40	27	22	21	35	34	44
	2014	44	17	56	50	51	38	28	14	14	40	39	30
	2015	16	18	30	35	56	71	70	25	42	36	24	48
	2016	43	32	27	27	39	86	33	52	51	58	64	30
	2017	14	29	53	79	49	52	42	17	19	48	35	61
	2018	47	38	43	52	58	58	17	34	51	67	31	24
	2019	26	31	53	90								

Wilson's Warbler	2010				3								
	2011		1		1	3	1						
	2012				3	5	2						
	2013				6	6							
	2014				1	25			2	1			
	2015			1		7							
	2016					14						1	
	2017					7							
	2018				4	21	1				1		
	2019				3								

Yellow-breasted Chat	2010				3	6	7	3					
	2011					4	6	6					
	2012					7	9	2		1			
	2013				3	3	7	8					
	2014				1	7	5	2					
	2015				4	13	14	12	4	1			
	2016					13	16	8	2	2			
	2017					6	14	11	3	1			
	2018					11	12	4	2	4			
	2019				6								

		J	F	M	A	M	J	J	A	S	O	N	D
Spotted Towhee	2010	6	7	7	20	15	21	5	8	10	1	4	3
	2011	8	10	8	15	16	23	14	7	3	11	3	7
	2012	10	17	9	18	21	16	14	1	2	7	4	8
	2013	7	15	17	28	20	14	16	5	4	8	11	9
	2014	14	13	21	21	21	19	6	4	5	6	14	11
	2015	10	18	19	17	20	27	8	7	4	7	13	3
	2016	17	21	14	22	31	35	27	10	5	3	16	6
	2017	21	21	21	25	22	29	16	5	11	5	4	4
	2018	7	13	10	15	28	28	13	5	8	8	10	8
	2019	28	27	24	51								
California Towhee	2010	18	16	14	38	51	38	42	37	53	38	37	42
	2011	32	59	59	41	58	54	53	61	56	56	37	57
	2012	45	46	45	51	49	66	42	65	51	43	38	70
	2013	40	37	42	55	49	28	34	47	62	38	38	44
	2014	41	46	47	51	33	30	36	50	44	45	55	42
	2015	59	53	53	36	51	53	40	45	39	59	40	40
	2016	61	46	47	54	62	52	95	47	46	82	73	49
	2017	50	32	55	54	46	66	78	55	74	36	69	103
	2018	68	77	101	62	85	59	35	83	65	76	45	34
	2019	72	61	52	86								
Chipping Sparrow	2010												
	2011										1		
	2012					1							
	2013												
	2014				2								
	2015												
	2016												
	2017												
	2018												
	2019												

Clay-colored Sparrow

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1

Brewer's Sparrow

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1

Lark Sparrow

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

2

1

2

1

		J	F	M	A	M	J	J	A	S	O	N	D
Savannah Sparrow	2010	279	26	114	19	46	26	38	19	14	8	5	21
	2011	26	34	16		13	5	7	15	36	26	57	79
	2012	122	58	34	16	10	9	21	11	7	11	38	21
	2013	15	27	21	23	9	19	9	12	29	25	84	43
	2014	83	89	113	16	7	10	7	7	27	47	62	68
	2015	34	36	30	3	5	1	28	7	35	40	144	142
	2016	31	46	30	8	13	14	10	24	19	64	80	49
	2017	60	17	13	15	9	23	19	2	4	15	7	33
	2018	14	29	15	30	10	15	8	12	13	58	57	32
	2019	43	23	16	8								
...unidentified subsp.	2010												
	2011												
	2012												
	2013											7	
	2014	13	7								2		3
	2015												
	2016	3		1					4		6		
	2017												
	2018							2					
2019													
...Belding's	2010	29	24	43	17	45	26	38	19	14	8	5	18
	2011	7	4	14		13	5	7	15	31	8	7	7
	2012	24	14	14	7	10	9	21	11	7	9	6	10
	2013	15	2	4	9	9	19	9	12	23	22	31	19
	2014	19	9	9	11	6	10	7	7	27	29	17	24
	2015	9	6	18	3	5	1	28	7	25	26	41	58
	2016	8	23	8	5	13	14	10	20	16	11	13	27
	2017	6	8	8	10	9	23	19	2	3	10	7	10
	2018	12	3	12	17	10	13	8	12	13	23	11	12
	2019	10	15	7	3								

...migrant

2010	250	2	71	2	1									3
2011	19	30	2							5	18	50	72	
2012	98	44	20	9							2	32	11	
2013		25	17	14						6	3	46	24	
2014	51	73	104	3	1						16	45	41	
2015	25	30	12							10	14	103	84	
2016	20	23	21	3						3	47	67	22	
2017	54	9	5	5						1	5		23	
2018	2	26	3	13							35	46	20	
2019	32	8	9	5										

...Large-billed

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1

Fox Sparrow

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1

1

1

		J	F	M	A	M	J	J	A	S	O	N	D
Song Sparrow	2010	110	89	132	118	142	81	65	107	56	72	41	68
	2011	78	128	102	128	108	43	36	78	103	54	27	112
	2012	76	98	121	137	150	65	27	96	74	50	61	71
	2013	83	121	102	123	94	80	58	65	136	82	67	95
	2014	84	58	173	153	119	39	79	127	53	66	99	211
	2015	112	97	134	112	109	92	72	71	82	67	38	48
	2016	92	95	81	88	97	173	47	118	111	113	82	68
	2017	117	70	161	179	113	157	60	62	84	91	29	78
	2018	110	141	159	178	162	89	33	91	125	119	44	46
	2019	107	139	137	204								
Lincoln's Sparrow	2010	1	1	1					2				3
	2011	2	1		2	1						3	10
	2012	8	2		2						1	2	3
	2013	1			5					1	3	4	7
	2014	6	3	4	6						1		2
	2015		1	2	2					1	10	13	5
	2016	5	8	2	3	1				1	3	4	2
	2017	2	1		4						2		3
	2018	4	1		3						4	6	5
	2019	3	1		1								
Swamp Sparrow	2010												
	2011												
	2012												
	2013												
	2014												
	2015												
	2016												1
	2017												
	2018												
	2019												

		J	F	M	A	M	J	J	A	S	O	N	D
White-crowned Sparrow	2010	169	60	164	40						13	78	117
	2011	120	114	71	82	7					7	178	303
	2012	257	96	135	165						77	111	123
	2013	248	141	73	75						100	165	259
	2014	277	232	147	97	2					186	264	291
	2015	241	101	136	46						82	232	265
	2016	189	206	163	86						94	559	362
	2017	438	227	181	148						65	145	196
	2018	206	160	167	247	3					191	212	355
	2019	202	162	84	69								

Golden-crowned Sparrow	2010											2	
	2011	3	1		2							1	1
	2012									1			6
	2013	3	2		10							1	2
	2014	1										1	4
	2015	1	2	1	5								1
	2016	1	2		1							2	1
	2017		1	2	3								1
	2018	1	8		1	1						1	
	2019	3	4		6								

Dark-eyed Junco	2010												
	2011					1							
	2012									1			
	2013									2			
	2014				1								
	2015	5	3									3	
	2016		4										
	2017		15										7
	2018				1							2	
	2019	1											

Lapland Longspur	2010	1										
	2011											
	2012											
	2013											
	2014											
	2015											
	2016											
	2017											
	2018											
	2019											

Summer Tanager	2010											
	2011											
	2012						1					
	2013											
	2014											
	2015											
	2016											
	2017											
	2018											
	2019											

Western Tanager	2010											
	2011					7		1				
	2012					1						
	2013								2		1	
	2014					14						
	2015					1						
	2016											
	2017				1							
	2018					8		1				
	2019											

		J	F	M	A	M	J	J	A	S	O	N	D
Black-headed Grosbeak	2010				4	3	2	3					
	2011				2	9	6	5	1				
	2012				2	2	3						
	2013				4	6	3						
	2014				1	11	7	2			2		
	2015				2	11	9	4	1				
	2016				3	6	9	2	3	2			
	2017					2	6	3	1	3			
	2018					7	4	8	1				
	2019				2								

Blue Grosbeak	2010				2			1					
	2011						2	2					
	2012								1				
	2013							2	3	3			
	2014					1	3	3	1				
	2015					3		7	4				
	2016							4	1				
	2017							1	3				
	2018							2	3				
	2019												

Lazuli Bunting	2010												
	2011					1							
	2012												
	2013					1							
	2014												
	2015					2							
	2016												
	2017												
	2018					1							
	2019												

		J	F	M	A	M	J	J	A	S	O	N	D
Red-winged Blackbird	2010	43	166	98	135	168	117	117	95	81	242	19	88
	2011	81	242	212	156	202	136	81	78	167	60	249	98
	2012	56	126	168	144	143	105	81	120	106	84	13	172
	2013	129	154	105	203	165	90	6	120	63	12	76	37
	2014	138	75	113	63	87	40	41	102	14	82	26	124
	2015	17	38	123	82	78	86	24	109	92	238	39	25
	2016	102	107	59	74	36	55	44	46	50	71	92	113
	2017	35	43	85	76	47	60	27	7	111	14	32	95
	2018	58	67	75	46	80	23	16	35	41	48	47	108
	2019	41	193	26	65								
Tricolored Blackbird	2010		3		1			44	10		44		
	2011									2		9	20
	2012	1		1						3	1		15
	2013	2	1						25	20	8	1	5
	2014									1		2	8
	2015			2			14	1		9	4		
	2016		2					4	245	2	4		15
	2017											4	
	2018	20							16	50			1
	2019												
Western Meadowlark	2010	25	6	14								1	1
	2011	1	6	50			1					12	57
	2012	33	1	12	24							3	9
	2013	11	16	4				1			26	17	13
	2014	22	50	73					1		24	8	29
	2015	42	71	33							27	30	32
	2016	9	64	28	4	2	1			1	15	27	39
	2017	42	47	43	7	3					19	16	13
	2018	37	34		1				1		20	4	31
	2019	29	56	56									

Yellow-headed Blackbird

2010					2			1					
2011											2		
2012													
2013													
2014					2								
2015													
2016													
2017					2								
2018							1						
2019													

Brewer's Blackbird

2010	20	145	43	32	26	14	78	32	60	45	25	74
2011	22	82	82	28	30	30	68	42	10	56	95	13
2012	42	100	60	20	24	20	39	27	20	35	165	10
2013	102	137	27	50	65	11		60	25		55	35
2014	35	30	13	23	23	43	35	10	28	21	32	79
2015	20	4	45	30	40	53	31	2	78	112	42	13
2016	45	54	26	4	23	48	10	25	19	40	62	55
2017	3		13	4	5	39	6	6	15	13	9	26
2018	10	7	27	5	5	7	25	12	67	5	2	98
2019	45	25	10	5								

Blackbird sp.

2010													
2011													
2012													
2013													
2014													
2015													
2016										30		8	
2017													
2018								25		725	55		6
2019													

		J	F	M	A	M	J	J	A	S	O	N	D
Great-tailed Grackle	2010	10	16	29	22	14	12	100	70	22	22	16	18
	2011	70	77	24	37	15	11	20	58	60	26	25	15
	2012	5	3	14	2	2	2	20	30	70	13	2	27
	2013	22	2	3	7	6		21	42	25	40		
	2014	2	1		2			6	10	7	15	29	87
	2015	3	10	21	5	18	6	26	32	33	22	6	1
	2016	10	18	6	5	9	11	10	29	4	19	7	8
	2017	10	20		5	16	22	12	9	13	15	36	2
	2018	45		2	6	7	10	16	34	60	52	18	8
	2019	2	15	2	29								
Brown-headed Cowbird	2010	10		3	17	17	8	29	12	20	30	12	5
	2011	8		10	27	29	17	5	10	19	50		1
	2012		2	120	29	40	18	11	16	150		10	
	2013	20	71	21	47	17	9	7	1	23		10	30
	2014	7		12	16	15	8	18	13	39	10	56	34
	2015			3	14	28	19	13	8	14	19	3	
	2016		28		22	10	17	13	66	100	9	22	32
	2017			3	11	11	40	20	11	5	1	1	3
	2018		80	10	31	77	19	17	105	195			10
	2019	7	79	2	21								
Mixed Blackbirds/Cowbirds	2010												
	2011												
	2012												
	2013												
	2014			40					100				
	2015												
	2016								15				
	2017												
	2018								22				
	2019												

Orchard Oriole	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
									1	

Hooded Oriole	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	1	13	8	18	24	9				
		4	9	9	12	11			1	
		11	21	15	14	14	1			
		8	10	7	18	2	2			
	2	15	26	9	28	10	1	1		
	1	14	15	16	16	17	3			
		23	23	39	32	8	4			
		36	11	36	43	12	3			
		7	30	24	7	20	4	2		
		14								

Bullock's Oriole	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	1	1								
	2	1								
	4					1				
	2	2	1							
	1	2					1		1	
	2	1	1							
	1									1
	3									
	1									
	2									

Oriole sp.

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

2

1

1

2

1

1

House Finch

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

68	114	110	188	98	294	130	164	130	585	170	207
165	164	134	90	133	189	138	199	195	262	245	397
214	126	136	316	234	320	229	205	112	196	204	398
214	89	123	240	144	399	204	106	157	89	131	162
237	70	111	157	152	276	145	156	90	120	225	167
82	84	142	117	180	224	167	61	57	65	135	139
141	137	124	158	132	242	128	89	164	283	265	222
128	34	146	107	85	105	185	85	58	165	196	198
141	110	104	100	183	281	143	178	102	237	275	177
97	156	122	79								

Pine Siskin

2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

2 3

	J	F	M	A	M	J	J	A	S	O	N	D	
Lesser Goldfinch	2010	14	32	52	55	56	116	59	26	10	40	25	20
	2011	21	57	34	34	60	82	122	71	89	78	204	51
	2012	28	56	66	66	88	147	74	90	106	46	44	59
	2013	12	45	37	54	108	85	102	66	29	76	36	24
	2014	21	35	77	163	93	137	88	20	46	7	50	17
	2015	2	34	52	44	50	82	79	28	64	20	25	9
	2016	16	34	34	86	91	247	84	40	92	80	82	23
	2017	29	6	24	45	31	107	49	48	20	18	34	43
	2018	27	25	55	77	69	164	143	81	55	22	26	23
	2019	9	19	31	38								

Lawrence's Goldfinch	2010			9	1								
	2011					1							
	2012			82		12							
	2013				2								
	2014				7								
	2015	1											
	2016												
	2017						20						
	2018					2							
	2019				2								

American Goldfinch	2010			8	4	5	11	25				3	4
	2011	20					6	1				19	1
	2012		18	1	5	5		2	2				
	2013		1		10	6		1				1	1
	2014	18	2	3	3	1	2	2	2			7	1
	2015				10		2	2	6			1	
	2016	8	1		1		1				2		
	2017			2			3						
	2018							1	1		2		
	2019												

		J	F	M	A	M	J	J	A	S	O	N	D
House Sparrow	2010		2	5	8	18	27	44	42	12	5		30
	2011	60	3		19	13	6	19	31	35	12		22
	2012	26	13	3	18	17	74	40	31		2	1	43
	2013	24	2	15	2	12	20	3	41	7	4	4	2
	2014	23	2	10	12	15	23	3	25	37	22	13	5
	2015	9	10	36	16	18	30	23	76	13	11	26	15
	2016	6	24	12	17	34	24	25	36	25	17	12	6
	2017	21	19	16	15	12	40	56	54	17	15	12	20
	2018	11	1	18	6	23	5	16	27	27	11	8	12
	2019	16	8	6	9								
Scaly-breasted Munia	2010												
	2011												
	2012						3						
	2013						1		2		30	2	
	2014	2			2							2	
	2015			8	2			13		24	6		3
	2016	6	2	2	6			4	21		27	45	22
	2017	6					1	3			20	15	23
	2018			9	1	3	2	23	25	7	38	43	27
	2019		8	6	3								
Number of Species Seen	2010	102	104	111	110	86	85	88	90	79	86	109	112
	2011	117	107	105	107	112	89	84	89	91	98	113	123
	2012	109	114	111	117	103	91	79	98	101	97	99	99
	2013	119	112	106	115	98	77	76	87	82	98	119	119
	2014	116	103	108	126	103	77	84	84	88	92	112	114
	2015	105	111	118	103	99	90	76	84	88	98	98	108
	2016	117	127	102	108	103	88	86	84	82	93	101	114
	2017	113	111	109	111	90	93	82	93	94	91	98	103
	2018	108	101	112	119	118	93	78	95	92	107	106	118
	2019	105	118	112	127								

Cumulative Species Seen		J	F	M	A	M	J	J	A	S	O	N	D
2010	102	122	130	145	148	153	154	159	161	164	171	173	
2011	175	176	177	178	188	189	190	191	193	198	199	200	
2012	200	201	201	205	205	208	208	210	211	212	212	213	
2013	216	216	216	216	216	217	217	217	217	217	217	217	
2014	217	217	217	217	220	220	220	220	221	223	223	223	
2015	224	224	225	225	226	226	226	226	226	226	226	226	
2016	228	229	229	229	229	229	229	230	230	230	230	232	
2017	233	233	233	233	233	233	233	233	234	235	235	235	
2018	235	235	236	236	238	238	238	238	242	242	242	242	
2019	242	242	242	242									