BLACK SWAMP BIRD OBSERVATORY SPRING 2019 BIRD SURVEY

		APRIL																					MAY																										
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Common Loon																																																		
Red-necked Grebe																																																		
Horned Grebe																																																		
Eared Grebe																																																		
Pied-billed Grebe																						1		1		1				1		1										1								
American White Pelican																		1	1								1		1								1	1											
Double-crested Cormorant																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Great Blue Heron																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Green Heron																			1			1		1		1	1	1	1			1		1	1		1	1	1	1	1	1	1							
Little Blue Heron																																																		
Cattle Egret																																																		
Great Egret																		1	1	1		1	1	1		1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1							
Snowy Egret																																																		
Tri-colored Heron																																																		
Black-crowned Night Heron																																				1				1										
Yellow-crowned Night Heron																																																		
Least Bittern																																																		
American Bittern																																																		
Glossy Ibis																																																		
White-faced Ibis																																																		
Mute Swan																																																		
Tundra Swan																																																		
Trumpeter Swan																			1	1				1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Canada Goose																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Atlantic Brant																																																		
White-fronted Goose																																																		
Lesser Snow Goose																																																		
Mallard																							1	1		1		1	1			1			1	1			1		1		1							
American Black Duck																																																		
Gadwall																																																		
Northern Pintail																																																		
Green-winged Teal																																																		
Blue-winged Teal																																																		
American Wigeon																																																		
Northern Shoveler																																																		
Wood Duck																		1	1	1			1	1		1	1	1		1		1	1	1	1	1		1	1	1	1	1	1							
Redhead																																																		
Ring-necked Duck																																																		
Canvasback																																																		
Greater Scaup																																																		
Lesser Scaup																																																		
Common Goldeneye																																																		
Bufflehead																																																		

BLACK SWAMP BIRD OBSERVATORY SPRING 2019 BIRD SURVEY

		APRIL																					MAY																										
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Long-tailed Duck																																																		
Ruddy Duck																																																		
Hooded Merganser																																																		
Common Merganser																										1																								
Red-breasted Merganser																																																		
Turkey Vulture																		1	1			1	1																											
Northern Goshawk																																																		
Sharp-shinned Hawk																							1	1									1																	
Cooper's Hawk																																					1													
Red-tailed Hawk																		1	1	1		1	1	1		1	1		1																					
Red-shouldered Hawk																																																		
Broad-winged Hawk																																																		
Rough-legged Hawk																																																		
Golden Eagle																																																		
Bald Eagle																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Northern Harrier																																				1														
Osprey																																1																		
Peregrine Falcon																																																		
Merlin																																																		
American Kestrel																																																		
Bobwhite																																																		
Ring-necked Pheasant																																																		
Wild Turkey																																																		
Sandhill Crane																			1			1	1			1		1	1										1		1	1	1							
King Rail																																																		
Virginia Rail																																1																		
Sora																		1		1		1	1																											
Common Moorhen																																																		
American Coot																																																		
American Avocet																																																		
Black-necked Stilt																																																		
Semipalmated Plover																																																		
Killdeer																				1		1		1			1		1			1		1			1	1	1	1	1	1	1							
American Golden Plover																																																		
Black-bellied Plover																																																		
Ruddy Turnstone																																																		
American Woodcock																																																		
Wilson's Snipe																																																		
Whimbrel																																																		
Spotted Sandpiper																			1							1							1								1	1	1							
Solitary Sandpiper																																																		
Willet																																																		
Greater Yellowlegs																																																		
Lesser Yellowlegs																				1																														

BLACK SWAMP BIRD OBSERVATORY SPRING 2019 BIRD SURVEY

		APRIL																					MAY																									
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Red Knot																																																		
Pectoral Sandpiper																																																		
White-rumped Sandpiper																																																		
Baird's Sandpiper																																																		
Least Sandpiper																																																		
Dunlin																																																		
Short-billed Dowitcher																																																		
Long-billed Dowitcher																																																		
Stilt Sandpiper																																																		
Semipalmated Sandpiper																																																		
Western Sandpiper																																																		
Buff-breasted Sandpiper																																																		
Marbled Godwit																																																		
Hudsonian Godwit																																																		
Sanderling																																																		
Wilson's Phalarope																																																		
Red-necked Phalarope																																																		
Great Black-backed Gull																																																		
Herring Gull																		1	1	1			1				1	1	1	1		1		1	1			1	1	1	1	1	1							
Ring-billed Gull																			1			1	1				1		1	1		1	1			1	1	1	1	1	1							
Bonaparte's Gull																				1												1																		
Forster's Tern																																																		
Common Tern																																																		
Caspian Tern																			1					1			1																							
Black Tern																																																		
Mourning Dove																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Rock Pigeon																																																		
Yellow-billed Cuckoo																										1									1			1	1	1	1	1	1							
Black-billed Cuckoo																																								1		1	1							
Eastern Screech-Owl																																								1										
Great-horned Owl																																1																		
Long-eared Owl																																																		
Northern Saw-whet Owl																																																		
Whip-poor-will																										1																								
Common Nighthawk																																																		
Chuck-will's-widow																																																		
Chimney Swift																										1							1		1	1	1				1		1						
Ruby-thoated Hummingbird																											1			1		1	1	1		1	1	1	1		1	1	1						
Belted Kingfisher																										1			1							1			1											
Yellow-shafted Flicker																		1	1	1		1	1	1		1			1			1	1	1		1	1	1	1		1		1						
Pileated Woodpecker																																																		
Red-bellied Woodpecker																				1		1	1	1			1	1	1									1		1	1	1	1							
Red-headed Woodpecker																														1						1	1		1	1	1	1							
Yellow-bellied Sapsucker																																																		

BLACK SWAMP BIRD OBSERVATORY SPRING 2019 BIRD SURVEY

		APRIL																					MAY																										
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Hairy Woodpecker																						1	1				1		1								1				1	1									
Downy Woodpecker																		1		1		1	1	1		1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1							
Eastern Kingbird																										1							1				1	1	1	1	1	1	1							
Great Crested Flycatcher																						1				1	1						1			1	1	1	1	1	1	1	1							
Eastern Phoebe																																																		
Yellow-bellied Flycatcher																																									1		1							
Acadian Flycatcher																										1											1				1									
Alder Flycatcher																																									1	1	1							
Willow Flycatcher																																						1	1	1	1	1	1							
Least Flycatcher																										1			1				1	1	1	1	1	1	1	1	1	1	1							
Eastern Wood Pewee																																					1		1		1	1	1							
Olive-sided Flycatcher																																																		
Horned Lark																																																		
Tree Swallow																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Bank Swallow																																																		
Northern Rough-winged Swallow																																																		
Barn Swallow																			1				1				1	1	1			1	1	1	1				1	1	1								
Cliff Swallow																																																		
Purple Martin																								1			1	1	1				1	1	1	1	1					1	1							
Blue Jay																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
American Crow																																																		
Black-capped Chickadee																		1	1	1		1	1			1			1	1		1	1	1	1		1		1			1							
Tufted Titmouse																																				1				1										
White-breasted Nuthatch																			1	1		1	1						1			1							1	1	1	1	1							
Red-breasted Nuthatch																			1			1	1	1		1	1	1	1	1		1	1			1	1	1	1											
Brown Creeper																																																		
House Wren																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Winter Wren																		1																																
Carolina Wren																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Marsh Wren																																1	1	1			1	1	1	1	1								
Sedge Wren																																																		
Northern Mockingbird																																																		
Gray Catbird																			1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Brown Thrasher																		1		1		1	1	1				1				1					1	1	1	1			1							
American Robin																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Wood Thrush																				1			1	1		1	1	1	1				1		1	1	1	1											
Hermit Thrush																			1			1		1			1	1	1				1		1	1														
Swainson Thrush																			1	1		1		1		1		1								1	1	1	1	1	1	1	1							
Gray-cheeked Thrush																			1							1	1					1	1		1	1		1				1	1							
Veery																											1		1			1			1	1	1	1	1	1	1	1	1							
Eastern Bluebird																								1																										
Blue-gray Gnatcatcher																		1	1	1		1	1	1		1	1	1				1	1		1		1	1	1	1	1		1							
Golden-crowned Kinglet																																																		
Ruby-crowned Kinglet																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1												

BLACK SWAMP BIRD OBSERVATORY SPRING 2019 BIRD SURVEY

		APRIL																						MAY																												
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
American Pipit																																																				
Cedar Waxwing																																					1		1	1	1	1	1								
Northern Shrike																																																				
Loggerhead Shrike																																																				
European Starling																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
White-eyed Vireo																			1			1						1	1			1							1	1										
Yellow-throated Vireo																																	1	1																	
Blue-headed Vireo																				1				1		1		1				1				1	1		1	1	1		1							
Red-eyed Vireo																																					1	1	1		1	1	1								
Philadelphia Vireo																																			1		1				1		1								
Warbling Vireo																				1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Black-and-white Warbler																			1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1		1	1		1							
Prothonotary Warbler																										1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Swainson's Warbler																																																				
Worm-eating Warbler																																																				
Golden-winged Warbler																												1	1			1			1		1														
Blue-winged Warbler																													1							1	1		1												
Brewster's Warbler																																																				
Lawrence's Warbler																																																				
Tennessee Warbler																								1		1	1	1	1	1		1			1	1	1	1	1	1	1	1	1							
Orange-crowned Warbler																			1					1																											
Nashville Warbler																			1			1	1	1		1	11	1	1	1		1	1	1	1	1	1	1	1	1		1	1							
Northern Parula																								1		1		1	1	1		1	1	1	1	1	1	1	1		1									
Yellow Warbler																			1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Magnolia Warbler																										1	1	1	1	1		1		1	1	1	1	1	1	1	1	1	1							
Cape May Warbler																											1	1	1	1				1	1	1	1	1													
Black-throated Blue Warbler																										1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1								
Myrtle Warbler																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1												
Black-throated Green Warbler																			1					1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1		1							
Cerulean Warbler																																																				
Blackburnian Warbler																										1	1	1	1	1		1	1	1	1		1	1	1	1	1		1							
Yellow-throated Warbler																																																				
Chestnut-sided Warbler																										1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Bay-breasted Warbler																																			1		1	1	1	1	1	1	1							
Blackpoll Warbler																												1									1	1	1		1	1	1							
Pine Warbler																			1										1																						
Kirtland's Warbler																																																				
Prairie Warbler																																																				
Western Palm Warbler																			1	1		1	1	1		1	1	1	1	1		1	1	1	1	1		1	1												
Yellow Palm Warbler																																																				
Ovenbird																						1	1			1	1	1	1	1		1	1	1	1	1	1	1	1	1		1	1							
Northern Waterthrush																			1	1			1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1									
Louisiana Waterthrush																																																				
Kentucky Warbler																																																				

BLACK SWAMP BIRD OBSERVATORY SPRING 2019 BIRD SURVEY

		APRIL																					MAY																										
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Connecticut Warbler																																					1				1									
Mourning Warbler																																			1		1		1	1	1	1	1							
Common Yellowthroat																			1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Yellow-breasted Chat																																																		
Hooded Warbler																																										1	1							
Wilson's Warbler																																					1	1	1	1	1	1	1							
Canada Warbler																																					1	1	1	1	1	1	1							
American Redstart																				1						1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Bobolink																																																		
Eastern Meadowlark																																																		
Yellow-headed Blackbird																																																		
Red-winged Blackbird																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Orchard Oriole																																								1										
Baltimore Oriole																			1					1		1	1	1		1		1	1	1	1	1	1	1	1	1	1	1	1							
Rusty Blackbird																		1	1	1		1	1			1			1																					
Brewer's Blackbird																																																		
Common Grackle																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Brown-headed Cowbird																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Scarlet Tanager																										1										1	1	1	1		1		1							
Summer Tanager																						1																													
Northern Cardinal																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							
Rose-breasted Grosbeak																				1							1	1	1	1		1	1		1	1	1	1	1	1	1		1							
Indigo Bunting																				1						1										1	1	1	1	1	1	1	1							
Dickcissel																																																		
Eastern Towhee																						1	1													1															
Savannah Sparrow																																																		
Grasshopper Sparrow																																																		
Le Conte's Sparrow																																																		
Henslow's Sparrow																																																		
Nelson's Sparrow																																																		
Vesper Sparrow																																																		
Lark Sparrow																																																		
Slate-colored Junco																																																		
American Tree Sparrow																		1																																
Chipping Sparrow																			1																															
Clay-colored Sparrow																																																		
Field Sparrow																																																		
Harris's Sparrow																																																		
White-crowned Sparrow																													1	1				1		1	1													
Gambel's White-crowned Sparrow																																																		
White-throated Sparrow																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1		1	1	1							
Fox Sparrow																																																		
Lincoln Sparrow																							1				1		1				1		1		1	1	1	1	1		1							
Swamp Sparrow																		1	1			1	1	1			1	1		1		1		1		1	1													

BLACK SWAMP BIRD OBSERVATORY SPRING 2019 BIRD SURVEY

		APRIL																					MAY																												
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Song Sparrow																		1	1	1		1	1	1		1	1	1	1	1		1	1	1	1		1	1	1	1	1	1	1							
Lapland Longspur																																																		
Snow Bunting																																																		
Evening Grosbeak																						1											1																	
Purple Finch																																																		
House Finch																																																		
Pine Siskin																				1				1					1	1			1																	
American Goldfinch																			1	1		1	1	1		1	1	1	1	1		1	1	1	1	1		1	1	1	1									
House Sparrow																																																		
TOTALS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**35**	**56**	**51**	**0**	**55**	**54**	**57**	**0**	**69**	**75**	**63**	**72**	**54**	**0**	**68**	**64**	**56**	**64**	**70**	**82**	**74**	**79**	**72**	**80**	**66**	**76**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

29	30	31

29	30	31

29	30	31

29	30	31

29	30	31

29	30	31

29	30	31
0	0	0