			<u> </u>																							<u> </u>	
Species	observed species	1/5/14 Monroe County	1/18/13 Kensington	2/16/14 St. Clair River	2/22-23/14 Upper Peninsula	3/23/14 Oakland County Ducks	3/29/13 Grosse Isle	4/5/14 u OF m Museum - Ford Lake	4/12/14 St. Clair Marshes	4/27/13 Wetzel	5/3/14 Rouge River BO	5/10-11/14 Western Michigan	5/16-18/14 Cornel Lab	5/24/14 Proud Lake	6/1/14 Waterloo Pinckney	6/7/14 Orion Oaks	6/21/14 Indian Springs	8/23/14 Point Mouillee	8/30/14 Chrysler HQ	9/6/14 Hudson Mills	9/13/14 Heritage Park	9/20/14 Hawkfest	10/11/14 Algonac SP	10/20/14 Macomb - Yates Cider Mill	11/8/14 Lake Erie Metropark	11/22/14 Belle Isle	12/20/14 Christmas Bird Count
Greater White-front. Goose																											
Snow Goose																											
Ross's Goose																											
Brant																											
Cackling Goose																											
Canada Goose	1	X		Х		X	X	X	X		χ	Χ	Χ	Χ	Χ	Χ		Χ	Χ	X	χ	Х	Х	X	Х	X	Х
Mute Swan	1	X		х		Х	Х	х	X	Χ		Χ	X	X				X				х	х	X	х	X	х
Trumpeter Swan	1					Х	Х																			X	
Tundra Swan	1	X																							х	X	
Wood Duck	1					Х	Х		χ	Х	χ	Х	Х	χ				χ	X			Х	х	х			Х
Gadwall	1	X				Х	Х	X	X	Х		Х										Х			х		х
Eurasian Wigeon																											
American Wigeon	1	X				Х	Х		X	Х																	
American Black Duck	1			х		Х	Х		X															Х		X	х
Mallard	1			х	X	Х	Х	Х	X	Х	X	Х	X	X	X		X	X	X	Х	х	х	х	Х	х	X	х
Blue-winged Teal	1								Х	χ		χ	Х					χ									
Northern Shoveler	1						Х	Х	Х				Х					χ									
Northern Pintail	1						X																				
Green-winged Teal	1						Х		Х									Χ									
Canvasback	1	X		х		X	X		X									X								X	
Redhead	1	Х		х		Х	Х		Х	Х								Χ							х	Х	
Ring-necked Duck	1	Х				Х	Х		X	Х																Х	
Greater Scaup	1	Х		х			Х					Х															
Lesser Scaup	1					Х	Х		х	Х								X							х	х	Х
King Eider																											
Harlequin Duck																											
Surf Scoter	1			х																							
White-winged Scoter	1			х																							
Black Scoter	1			х																							
Long-tailed Duck	1			х	х	Х	Х																				
Bufflehead	1	х		х		Х	Х	х	х	Х															х	х	х
Common Goldeneye	1	X		х	X	х	х											X								х	х
Barrow's Goldeneye																											
Hooded Merganser	1				X	х	х		х																	х	
Common Merganser	1	X		х	X	х	х	х	х																		х
Red-breasted Merganser	1			х	X	Х	Х		Х			Χ													х		
Ruddy Duck	1	X				Х	Х		Х				Х					X							х	х	
Ring-necked Pheasant																											

	ı		1				1		1																		
Ruffed Grouse	1				Χ								X														
Spruce Grouse																											
Sharp-tailed Grouse	1				X																						
Wild Turkey	1				χ					X		Х	X	χ	X				X								X
Northern Bobwhite																											
Red-throated Loon																											
Pacific Loon*																											
Common Loon	1						х	X																	Х		X
Pied-billed Grebe	1					X	Х	X	Х				X					X	X			X			Х		
Horned Grebe	1					X	х	X				X													X	X	
Red-necked Grebe	1					Х	Х			Χ																	
Eared Grebe																											
Western Grebe																											
American White Pelican	1																	X									
Brown Pelican																											
Double-crested Cormorant	1	<u> </u>							х	Х		х	X					X		X		X	Х		х		
American Bittern		<u> </u>																									
Least Bittern																											
Great Blue Heron	1	Х				Х		Х	Х	X	Х	Х	X		χ		X	X	X	X		X	X		х	X	X
Great Egret	1									X		х	X	х				X	X			X			х		
Snowy Egret																											
Little Blue Heron																											
Tricolored Heron																											
Cattle Egret																											
Green Heron	1											х	X					X									
Black-crown. Night-Heron	1																	X									
Yellow-crown. Night-Heron																											
Glossy Ibis	1																	X									
Black Vulture																											
Turkey Vulture	1						х		Х	X	Х	Х	X	Х	X	X	X	X	X	X	X		X	Х			X
Osprey	1												X			X		X				X					
Mississippi Kite																											
Bald Eagle	1	Х		х	Х	Х	х		х				X					X				X	X				X
Northern Harrier	1	Х		х			х		Х			Х	X			X		X				X					X
Sharp-shinned Hawk	1									X								X		X	X	X			X		X
Cooper's Hawk	1			Х		Х				X									X	X	X	X	Χ	Х		X	Х
Northern Goshawk	1				X																						
Red-shouldered Hawk	1											х															X
Broad-winged Hawk	1															х				χ	x						
Swainson's Hawk																											
Red-tailed Hawk	1	х		х	х	х	х	х	х	Х	х	х	х					X	х				х		х	х	Х
Rough-legged Hawk	1	х																									
Golden Eagle																											
American Kestrel	1						х		х	X		х							х				X				Х
Merlin	1																	X				х					
Gyrfalcon																											
Peregrine Falcon	1			х														X								X	

		1		I				l					I			-					<u> </u>		1		
Yellow Rail																									
King Rail																									
Virginia Rail																									
Sora	1										X														
Purple Gallinule																									
Common Moorhen	1											Х					X								
American Coot	1	X			Х	X	X	Х			Х	Х					X							Х	
Sandhill Crane	1							х			Х	Х	Х	Х		X	X		х			Х			X
Black-bellied Plover	1																X								
American Golden-Plover																									
Semipalmated Plover	1																X								
Piping Plover																									
Killdeer	1					Х		х	χ	χ	Х	Х					X	х				χ			
American Avocet	1																X								
Spotted Sandpiper	1										х	х					х	х							
Solitary Sandpiper	1										Х	Х													
Greater Yellowlegs	1								Х		х	х					х								
Willet	1																х								
Lesser Yellowlegs	1								х			х					х								
Upland Sandpiper																									
Whimbrel																									
Hudsonian Godwit																									
Marbled Godwit																									
Ruddy Turnstone																									
Red Knot	1																х								
Sanderling																									
Semipalmated Sandpiper	1											х					х								
Western Sandpiper																									
Least Sandpiper	1											х					х								
White-rumped Sandpiper																									
Baird's Sandpiper	1																х								
Pectoral Sandpiper	1																х								
Purple Sandpiper	•																								
Dunlin	1										х						Х	1							<u> </u>
Curlew Sandpiper	'										^						^	1	1	1	1				
Stilt Sandpiper																		1	1	1					
Buff-breasted Sandpiper		$\vdash$	Н	$\vdash$														+	1	1					
Ruff																		+	1	1					
Short-billed Dowitcher	1																Х								
	-																^	+	1	1					
Long-billed Dowitcher Wilson's Spino	4							х										+	+	+	_				
Wilson's Snipe	1							^							H			+	+	+					
American Woodcock																		1	1	1	+				
Wilson's Phalarope																			-	-	_				
Red-necked Phalarope																		+	-	-					
Red Phalarope																		+	+	+	+				
Laughing Gull								_											+	+				H	
Franklin's Gull		<u> </u>		<u> </u>	l			<u> </u>																	

		ı				ı —		ı —	1		ı												1		1			
Little Gull																												
Bonaparte's Gull	1									X								X							Х		<u> </u>	
Ring-billed Gull	1	X		Х	X	X	X	X	X	X	X	X	X					X	Х			X	Х	X	X	X	Х	
California Gull																											<u> </u>	
Herring Gull	1	X		X			X	X	X			X						X				X			X	X	х	
Thayer's Gull																												
Iceland Gull																												
Black-headed Gull	1																	X										
Lesser Black-backed Gull																												
Glaucous Gull	1																										х	
Great Black-backed Gull	1	X																								X	х	
Sabine's Gull																												
Black-legged Kitiwake																												
Least Tern																												
Caspian Tern	1								х			х						х				х						
Black Tern																												
Common Tern	1												X					Х										
Arctic Tern																												
Forster's Tern	1								х	Х		Х										Х			х			
Pomarine Jaeger																												
Parasitic Jaeger																												
Long-tailed Jaeger																												
Ancient Murrelet																												
Common Pigeon	1	х		х	х		Х	Х	х			Х	Х										х		х	х	х	
Eurasian Collared-Dove																												
White-winged Dove																												
Mourning Dove	1	х		х	х	х	Х	х	х	х	х	х	х	х	х	х		х	х	х	х	х	х	х	х	х	х	
Yellow-billed Cuckoo	1														х					х								
Black-billed Cuckoo	1														Х													
Eastern Screech-Owl	1								х																		Х	
Great Horned Owl	1			х					Х																		Х	
Snowy Owl																												
Northern Hawk Owl																												
Barred Owl	1											х		х			х		Ħ									
Great Gray Owl																	-											
Long-eared Owl	1	х																										
Short-eared Owl	1																		$\exists$								х	
Boreal Owl	Ė																											
Northern Saw-whet Owl																												
Common Nighthawk	1																					Х						
Chuck-will's-widow	<u> </u>																					Ĥ						
Whip-poor-will																												
Chimney Swift	1											х	Х	У		х			х			Х						
Ruby-throated Hummingbird	1											х	X	^	Х	Ĥ	х	Х	x			X						
Rufous Hummingbird*	1											^	^		^		^	^	^			^						
Belted Kingfisher	1								х			х	х						х		y	Х		Х			х	
Red-headed Woodpecker	1								^			^	X							х	^	^		^			X	
пеи-пеаией ууобарескег		1	<u> </u>	l	<u> </u>	l	<u> </u>	l	l		l		٨		<u> </u>	l		<u> </u>		٨			l		<u> </u>			

Red-bellied Woodpecker	1							Х	Х	Х	Х	Х	х	х	x	Х		х	х	х		х	х	х	Х	x
Yellow-bellied Sapsucker	1								^	^	^	X	,	^	^	^		Â	^	^		Â	^	Î		^
Downy Woodpecker	1	х	Х	х		х		х	х	х	х	х	Х	х		х		х	х	Х	x	х	х	х	х	Х
Hairy Woodpecker	1		^	Х		X		x	Λ.		Х		X			х			Х	^		x	x	_	x	x
Am. Three-toed Woodpecker	<u> </u>																		,							
Black-backed Woodpecker																										
Northern Flicker	1	х				х		х	х	х	х	Х	Х	х	х	х		х	Х	х	х		х	х		Х
Pileated Woodpecker	1	Ĭ.									Х															X
Olive-sided Flycatcher	1																	х	Х							
Eastern Wood-Pewee	1											Х	х	х	х	х	х	х	Х							
Yellow-bellied Flycatcher																										
Acadian Flycatcher	1										Х	х		х		х										
Alder Flycatcher																										
Willow Flycatcher	1													х		х										
Least Flycatcher	1										х									х						
Eastern Phoebe	1						х				Х	х		х		х			Х			х				
Say's Phoebe																										
Great-crested Flycatcher	1										х	х	х	Х	х	х										
Western Kingbird																										
Eastern Kingbird	1										Х	х	х	х	х	х	х									
Scissor-tailed Flycatcher																										
Loggerhead Shrike																										
Northern Shrike	1																									Х
White-eyed Vireo																										
Bell's Vireo																										
Yellow-throated Vireo	1										Х	Х		х		х			Х							
Blue-headed Vireo	1									х	Х															
Warbling Vireo	1									Х	х	х						х								
Philadelphia Vireo	1											Х														
Red-eyed Vireo	1										Х	х	х	х	х	х			Х	х						
Gray Jay																										
Blue Jay	1		х	х	х	х	х		х	Х	Х	х	Х	Х	х	х		х	Х	х	х	х	х	х	х	Х
American Crow	1	х		х		х		х	х								х						х			Х
Common Raven	1			х								х														
Horned Lark	1	х						х			Х				х											Х
Purple Martin	1								Х			х					х									
Tree Swallow	1					х	х	х	х	Х	х	х	х		х	х	х				х					
N. Rough-winged Swallow	1						х	х	х	Х						х					х					
Bank Swallow	1								х			х														
Cliff Swallow	1												х													
Cave Swallow																										
Barn Swallow	1							х	Х		Х	Х	х		х	х	х	х								
Black-capped Chickadee	1	х	х	х	Х	Х	х	х	Х	Х	Х			х				х	х	х	х	х	х	х	х	Х
Boreal Chickadee																										
Tufted Titmouse	1				Х		х		Х	Х	х	х	х	х	х	х			х	х		х			х	Х
Red-breasted Nuthatch	1			х								Х	х													Х
White-breasted Nuthatch	1			х	Х	Х				Х	Х			Х	х	х	Х	Х	Х	х		х	х		х	Х

Brown Crooper	1							Х	х								х							х			v	
Brown Creeper	1							^	^		H		H			H	^						H	^			Х	
Rock Wren		.,									х																	
Carolina Wren	1	Х									Χ	v	v			х	v				v						Х	
House Wren	1								· ·			X	Х			X	Χ.				Х							
Winter Wren	1								Х														Х			Х		
Sedge Wren																												
Marsh Wren	1									X					Х													
Golden-crowned Kinglet	1							Х	Х															X			Х	
Ruby-crowned Kinglet	1										Х	X	Х								Х		Х					
Blue-gray Gnatcatcher	1									X	Х	X	Х	Х	Х		X											
Eastern Bluebird	1	Х								X		X	Х	X		Х			Х				Х	Х			Х	
Townsend's Solitaire																												
Veery	1											X	Х		Х		Х											
Gray-cheeked Thrush	1		<u> </u>									X																
Swainson's Thrush	1				_							X	Х	$\vdash$						X			Х		_			
Hermit Thrush	1	<u> </u>	_						Х														Х	X		X	Х	
Wood Thrush	1										X	X	X	X	X													
American Robin	1	Х				X	Х	Х	Х	X	X	X	X	X	Х	Х	Х	X	X	X	Х	Х	Х	X	Х	X	Х	
Varied Thrush																												
Gray Catbird	1										X	X	X	X	X	X	X		X	Х	X	X						
Northern Mockingbird																												
Sage Thrasher																												
Brown Thrasher	1											X	X				X			х								
European Starling	1	X		Х	х	X	Х	Χ	χ	X	χ	X	X	X	X	X	X	X	X	Χ	X		X	X	Х	Χ	Х	
American Pipit	1											X														Χ		
Bohemian Waxwing	1																	X										
Cedar Waxwing	1				х								X		X	X	X		Х	х		X	X	X		X	Х	
Blue-winged Warbler	1													X	X					х								
Golden-winged Warbler																												
Tennessee Warbler	1												X							х	X		X					
Orange-crowned Warbler	1											X											X					
Nashville Warbler	1											X	X								X		X					
Northern Parula	1											X	X								X							
Yellow Warbler	1									χ		χ	X	X	X		X	X										
Chestnut-sided Warbler	1											X	X							х								
Magnolia Warbler	1											X	X							х	X							
Cape May Warbler	1												Х							χ								
Black-throat. Blue Warbler	1											Х	х							χ	х							
Yellow-rumped Warbler	1										Х	Х	х										х	х				
Black-throa. Green Warbler	1										х	Х	х		Х					χ								
Blackburnian Warbler	1											Х	х	X						χ								
Yellow-throated Warbler	1											Х																
Pine Warbler	1											Х		х							х							
Kirtland's Warbler																												
Prairie Warbler	1											Х	х															
Palm Warbler											х										х		х					
	1			l		ı	l				Λ.	X	X								^		^ '					

Rlackpoll Warblar	4																			v	v						
Blackpoll Warbler	1										х					Х				X	X						
Cerulean Warbler	1									.,						Х						, ,					
Black-and-white Warbler	1									Х	X	X	.,	.,			X		X	X		X					
American Redstart	1										Х	X	Х	Х					X	X							
Prothonotary Warbler																											
Worm-eating Warbler	1										Х																
Ovenbird	1										Х	Х	Х	X					Х								
Northern Waterthrush	1										Х	X															
Louisiana Waterthrush																											
Kentucky Warbler																											
Connecticut Warbler																											
Mourning Warbler	1											X															
Common Yellowthroat	1										Х	X	Χ	X	X	X	X					Х					
Hooded Warbler	1													X													
Wilson's Warbler	1										х								X	X							
Canada Warbler	1											X															
Yellow-breasted Chat																											
Summer Tanager																											
Scarlet Tanager	1										х	X		X		X											
Western Tanager																											
Green-tailed Towhee																											
Eastern Towhee	1								Х	х	х	X		X		X						х			Х		
American Tree Sparrow	1	х	х	х	х			х															х	х		Х	(
Chipping Sparrow	1								х		х	х	х	Х	Х	Х				х							
Clay-colored Sparrow																											
Field Sparrow	1								х		х		х		х	х											
Vesper Sparrow																											
Lark Sparrow																											
Lark Bunting																											
Savannah Sparrow	1								х		х			х		х	х										
Grasshopper Sparrow	1										Х																
Henslow's Sparrow	•																										
Le Conte's Sparrow																											
Nel. Sharp-tailed Sparrow																											
Fox Sparrow	-1												х										Х				
·	1				v	v	v	v	v	v	v	v		v		v	v	v	v	v	v	v	X	Х	v		,
Song Sparrow	1				Х	Х	٨	Х	Х	Х	Х	X	Х	^		^	X	X	^	^	^	^	^	۸	^	Х	<u> </u>
Lincoln's Sparrow	_								,,		,,	٧,	.,									\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					,
Swamp Sparrow	1					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			Х	.,	X	X	Х	X								X		.,		X	
White-throated Sparrow	1					Х				Х	Х	X									_	Х	_	Х	X	Х	
Harris's Sparrow			_								<b> </b>											<del>                                     </del>				_	
White-crowned Sparrow	1	_	<u> </u>	-	-	<del> </del>	-				Х	Х										Х		_	_	Х	
Dark-eyed Junco	1	_	Х	Х	Х	Х	Х			-												Х	X	Х	Х	Х	<u> </u>
Lapland Longspur																											
Smith's Longspur																											
Snow Bunting																											
Northern Cardinal	1	X	Х		Х	Х	X	X	Х	X	Х	X			Χ			X		X	X	Х	X	X	X	Х	(
Rose-breasted Grosbeak	1										X	X	X	X		X			X								

D. O. I. I																										
Blue Grosbeak																										
Indigo Bunting	1										X	Х	X	Х	X	Х			X							
Painted Bunting																										
Dickcissel																										
Bobolink	1										Χ					X										
Red-winged Blackbird	1	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X		X	
Eastern Meadowlark	1							χ																		
Western Meadowlark																										
Yellow-headed Blackbird																										
Rusty Blackbird	1								X																	
Brewer's Blackbird																										
Common Grackle	1				X	Х	Х	Χ	X		Х	Х	χ	X	X	X		X			X					
Brown-headed Cowbird	1				X	X		X	X	χ	X	Х	X	X	X	X										
Orchard Oriole	1											х			X											
Baltimore Oriole	1										Х	х	X	X	X	X	X									
Pine Grosbeak	1			X																						
Purple Finch	1			X																		X				X
House Finch	1	Х									Х	Х						X		X		X	X		X	X
Red Crossbill																										
White-winged Crossbill																										
Common Redpoll	1																									X
Hoary Redpoll																										
Pine Siskin	1																							Х		X
American Goldfinch	1	Х	X	X	Χ	Х		X	χ	Χ	Х	Х	х	X	X	X	X	X	Х	X	X	X	X		X	Х
Evening Grosbeak	1			Х																						
House Sparrow	1 217	Х	X		Х	Х		Х	X	Х	Х	Х	X	х		X				X		X	X		X	Х