																					_	_		
Species	observed species	1/13/13 Monroe County	1/19/13 Detroit river	2/16/13 Thumb Inland and Coastal	2/23/13 St. Clair River	3/23/13 Highland Oaks	3/30/13 Kensington	4/7/13 Maple River	4/21/13 Chrysler Survey	4/27/13 Drayton Plains	5/3-5/13 Pelee-Rondeau-Long Point	5/11/13 Crane Creek	5/18/13 Lake St. Clair Metropark banding	5/19/13 Chrysler Survey	6/1/13 Orion Oaks	6/23/13 Flushing Gratiot-Saginaw Maple R	7/14/13 Minden - Fish Point	8/17/13 Pt. Mouillee	8/31/13 Lakeville Addision Oaks	9/7/13 Bay City-Tobico-Shiawassee	10/12/13 Highland RA	11/1-3/13 Allegan-Muskegon	11/23/13 Belle Isle	12/14/13 Christmas Bird Count
Greater White-front. Goose	1				X																			
Snow Goose	1																					X		
Ross's Goose																								
Brant																								
Cackling Goose	1										X													
Canada Goose	1	X	Х	Х	X	X		Х		Х	X	Х	X	Х	X	Х	X	X	X			X	X	X
Mute Swan	1	Х	X	Х	X		Х		Х		Х	Х	Х	Х					X	Х	Х	X	X	Х
Trumpeter Swan	1	X						Х				Х												
Tundra Swan	1	Х	X		Х		X	Х														X	X	
Wood Duck	1						X	Х	X	X	X	Х		Х			X	X	X	X		X		X
Gadwall	1						X	Х			X	Х								Х	Х	X	X	Х
Eurasian Wigeon																								
American Wigeon	1						X	Х			X													
American Black Duck	1	X	Х				X	Х														X		Х
Mallard	1	Х	X	Х	X		X	Х	X	Х	X	Х	Х	Х		Х		Х	X	Х	Х	X	X	Х
Blue-winged Teal	1							Х		Х	X	Х						Х		Х				
Northern Shoveler	1						X	Х			X											X	X	
Northern Pintail	1							Х			X											X		
Green-winged Teal	1						X	Х			X	Х							X	Х		X		
Canvasback	1				Х		Х	Х														X		
Redhead	1				X		X	Х			X											X	X	
Ring-necked Duck	1						X	Х	X												X		X	
Greater Scaup	1	X		Х	Х		X				X	Х										X	X	
Lesser Scaup	1	X	X				X	Х			X		Х									X	X	
King Eider																								
Harlequin Duck																								
Surf Scoter	1	Х																						
White-winged Scoter	1	Х		Х	Х																			
Black Scoter																								
Long-tailed Duck	1			Х	Х																	X		
Bufflehead	1	Х		Х	Х			Х			X	_				_				_		Х	Х	Х
Common Goldeneye	1	Х	Х	Х	Х		Х	_				_				_				_			Х	
Barrow's Goldeneye		_	_				_	_														_	_	
Hooded Merganser	1	X	X	<u> </u>	_		X	X					<u> </u>									X	Х	X
Common Merganser	1	X	Х		X		Х	X				_	Х			_				_		X		X
Red-breasted Merganser	1	X	_	Х	X		<u> </u>	X			X											X		X
Ruddy Duck	1	Х	Х	_	Х		Х	Х			X	_						Х				X	Х	X
Ring-necked Pheasant	1										X											X		X

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

Yellow Rail King Rail Virginia Rail X Sora 1 Purple Gallinule X Common Moorhen 1 American Coot 1 Sandhill Crane 1 Black-bellied Plover 1 American Golden-Plover 1 Semipalmated Plover 1 Semipalmated Plover 1 Killdeer 1 X X					
Virginia Rail 1 X Sora 1 X Purple Gallinule X X Common Moorhen 1 X American Coot 1 X X X X Sandhill Crane 1 X X X X X X Black-bellied Plover 1 X <t< td=""><td></td><td>+++</td><td>_</td><td></td><td></td></t<>		+++	_		
Sora 1 X Purple Gallinule X Common Moorhen 1 X American Coot 1 X X X Sandhill Crane 1 X X X X X Black-bellied Plover 1 X X X X X American Golden-Plover 1 X X X X X Semipalmated Plover 1 X X X X X X Piping Plover 1 X <					
Purple Gallinule 1 X Common Moorhen 1 X American Coot 1 X X X X X Sandhill Crane 1 X X X X X X X Black-bellied Plover 1 X					
Common Moorhen 1 X			Х		
American Coot 1 X <					
Sandhill Crane 1 X		х	х		
Black-bellied Plover		х	х	х	х
American Golden-Plover 1 X X X Semipalmated Plover 1 X X X Piping Plover 2 X X X	x	х	x	x	
Semipalmated Plover 1 X X X Piping Plover		х			
Piping Plover				х	
		х	х		
	хх	хх	х	х	
American Avocet 1		х			
Spotted Sandpiper 1 X X X X		x		П	
Solitary Sandpiper 1 X X X				П	
Greater Yellowlegs 1 X X		х		П	
Willet					
Lesser Yellowlegs 1 X X		х	х		
Upland Sandpiper					
Whimbrel					
Hudsonian Godwit					
Marbled Godwit					
Ruddy Turnstone					
Red Knot				V	
Sanderling 1 VVVV		_	· ·	Х	
Semipalmated Sandpiper 1 X X X		X	Х		
Western Sandpiper					
Least Sandpiper 1 X X		X			
White-rumped Sandpiper					
Baird's Sandpiper			+		
Pectoral Sandpiper 1 X		Х			
Purple Sandpiper					
Dunlin 1 X X X X X X				Х	
Curlew Sandpiper			_		
Stilt Sandpiper 1		X	Х		
Buff-breasted Sandpiper					
Ruff			\perp	\sqcup	
Short-billed Dowitcher 1		х		\sqcup	
Long-billed Dowitcher				\sqcup	
Wilson's Snipe 1 X			\perp	Ш	
American Woodcock 1 X X			х	Ш	
Wilson's Phalarope 1		х	\perp		
Red-necked Phalarope				Ш	
Red Phalarope				Ш	
Laughing Gull				Ш	
Franklin's Gull					

				1	1		1	1	1	1		1	1	1			1	1						
Little Gull																								
Bonaparte's Gull	1										X										X			
Ring-billed Gull	1	X	X	X	Х		Х	X			X	Х	X	X		X	X	Х	X	X	X		X	Х
California Gull																								
Herring Gull	1	X	X	Х	X						Χ	X					Х	Х		X	X		Χ	Х
Thayer's Gull																								
Iceland Gull																								
Lesser Black-backed Gull	1	X																						
Glaucous Gull																								
Great Black-backed Gull	1	X	Х		х																Х			
Sabine's Gull																								
Black-legged Kitiwake																								
Least Tern																								
Caspian Tern	1										Х	х						х		Х				
Black Tern	1												х											
Common Tern	1										Х	х						х						
Arctic Tern																								
Forster's Tern	1										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
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
Yellow-billed Cuckoo																								
Black-billed Cuckoo																								
Eastern Screech-Owl	1																							х
Great Horned Owl	1				х																			x
Snowy Owl	1			х																				
Northern Hawk Owl																								
Barred Owl																								
Great Gray Owl																								
Long-eared Owl	1																							х
Short-eared Owl																								
Boreal Owl																								
Northern Saw-whet Owl																								
Common Nighthawk	1											х												
Chuck-will's-widow	•											Ĥ												
Whip-poor-will																								
Chimney Swift	1										х			х		Х			Y	Х				
	1										^			^		X	х		^	Х				
Ruby-throated Hummingbird		х														^	^		Х	^				
Rufous Hummingbird*	1	^		-	-		v	-	х		Х	-		х			Х	х		~	Х			v
Belted Kingfisher	1			-	-		Х	-	^			-		^			^	^	Х	Х	^			X
Red-headed Woodpecker	1	v	v	v	v		v	v	v	v	X	v	v			v			v	v	v	v	v	X
Red-bellied Woodpecker	1	X	X	X	X	<u> </u>	X	X	X	X	X	X	X	<u> </u>	<u> </u>	X	<u> </u>	<u> </u>	X	X	X	X	X	Х

					1		1							1				1			1			
Yellow-bellied Sapsucker	1							X	X												X			X
Downy Woodpecker	1	X	X	X	X		Х	X	X	X	X	X	X	X		X	X		X	X	X	X	X	X
Hairy Woodpecker	1		X				х		X		Χ		X	X							X			X
Am. Three-toed Woodpecker																								
Black-backed Woodpecker																								
Northern Flicker	1	X	X					X	X	X	X	X	X	X	X	X	X		X	X		X		X
Pileated Woodpecker	1						х															X		X
Olive-sided Flycatcher																								
Eastern Wood-Pewee	1													χ	X	X	X		X	X				
Yellow-bellied Flycatcher																								
Acadian Flycatcher																								
Alder Flycatcher																								
Willow Flycatcher	1																X							
Least Flycatcher	1										Х	х	х											
Eastern Phoebe	1							X			х	х	х			X			X	х				
Say's Phoebe																								
Great-crested Flycatcher	1													х	X	X	X		X					
Western Kingbird																								
Eastern Kingbird	1										Х	х		х	X	X	X	х		Х				
Scissor-tailed Flycatcher																								
Loggerhead Shrike																								
Northern Shrike																								
White-eyed Vireo	1										Х													
Bell's Vireo																								
Yellow-throated Vireo	1										Х													
Blue-headed Vireo	1										Х	х												
Warbling Vireo	1										X	X		X		X								
Philadelphia Vireo																								
Red-eyed Vireo	1										X			X	X	X				X				
Gray Jay																								
Blue Jay	1	х		х			х	X	X	X	Х	х	х	х	X	X	X		X	х	х	х	х	X
American Crow	1	х		х	х		х	х	Х	Х	Х		Х	х	х	х	х		х	Х	х	х	х	х
Common Raven	1			х																				
Horned Lark	1			х				х			Х					х	х					х		х
Purple Martin	1										х	х	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	х		Х				
Cliff Swallow	1										Х	х					х			Х				
Cave Swallow																								
Barn Swallow	1							Х	Х	Х	Х	х	х	х	X	Х	Х	х		х				
Black-capped Chickadee	1	х	х	х	х	L	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
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
Brown Creeper	1		х					Х			Х													Х

		1	1	1	1	1	1	1													1	1		
Rock Wren																								
Carolina Wren	1	X						X			X													
House Wren	1										X	X		χ			X		X	X				
Winter Wren	1											X												
Sedge Wren																								
Marsh Wren	1										X	χ		X			X							
Golden-crowned Kinglet	1							х	X	X											х	х		Х
Ruby-crowned Kinglet	1								X	Х	X	X								X	Х			
Blue-gray Gnatcatcher	1								Х		X	χ		Х		X								
Eastern Bluebird	1						Х	х						X	Х	X	X		X			х		Х
Townsend's Solitaire	1							х																
Veery	1										Х	х	х	х		X	X							
Gray-cheeked Thrush																								
Swainson's Thrush	1										Х		Х	х										
Hermit Thrush	1								х		х													Х
Wood Thrush	1										Х	х				х	х							
American Robin	1	х	х					х	Х	Х	Х	х	х	х	х	х	х		х	х	х	х	х	Х
Varied Thrush																								
Gray Catbird	1										Х	х	х	х	х	Х	Х		х	Х				
Northern Mockingbird	1	х									Х													
Sage Thrasher																								
Brown Thrasher	1										Х						Х				х			
European Starling	1	х	х	х	х		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х	х
American Pipit	1																					х		
Bohemian Waxwing																								
Cedar Waxwing	1										Х					х	х		х	х	х	х	х	х
Blue-winged Warbler	1										Х					х								
Golden-winged Warbler	1												х											
Tennessee Warbler	1											х												
Orange-crowned Warbler																								
Nashville Warbler	1										х	х								х				
Northern Parula	1											Х	х											
Yellow Warbler	1										х			х		х	х			х				
Chestnut-sided Warbler	1										X		X	_			^							
Magnolia Warbler	1										X									Х				
Cape May Warbler	1										^	X	^							^				
Black-throat. Blue Warbler	1										Х									Х				
Yellow-rumped Warbler	1								Х	х	X		Х							^	~	Х		
Black-throa. Green Warbler	1								^	^	X		^							Х	^	^		
													Х							X				
Blackburnian Warbler	1		-	-	-						Х	X	^							^	-			
Yellow-throated Warbler	4										v													
Pine Warbler	1										Х													
Kirtland's Warbler																								
Prairie Warbler	_										v	_								v				
Palm Warbler	1										X									X				
Bay-breasted Warbler	1										Х	X								.,			_	
Blackpoll Warbler	1	<u> </u>				X		I	I					X	<u> </u>	<u> </u>								

<u> </u>			1		1			1			1												
Cerulean Warbler	1									X													
Black-and-white Warbler	1									X	Х	X							X				
American Redstart	1										Х	Χ			X	X			X				
Prothonotary Warbler	1										X												
Worm-eating Warbler																							
Ovenbird	1									Х	х	X			X	X							
Northern Waterthrush	1										х	χ											
Louisiana Waterthrush																							
Kentucky Warbler																							
Connecticut Warbler																							
Mourning Warbler	1										х								X				
Common Yellowthroat	1									Х	х	Х	X	X	X	X			X				
Hooded Warbler	1									Х													
Wilson's Warbler	1										х	х							X				
Canada Warbler	1											Х											
Yellow-breasted Chat																							
Summer Tanager																							
Scarlet Tanager	1									Х	х												
Western Tanager																							
Green-tailed Towhee	1													X									
Eastern Towhee	1							х		Х					X			х			х		
American Tree Sparrow	1	Х	х			Х	х														Х	х	Х
Chipping Sparrow	1							х		Х	х		X	X	X	X		х		X			
Clay-colored Sparrow	1														X								
Field Sparrow	1									Х				х	X	X		X					
Vesper Sparrow																							
Lark Sparrow																							
Lark Bunting																							
Savannah Sparrow	1							х		Х	х		X										
Grasshopper Sparrow	1													X									
Henslow's Sparrow	1														X								
Le Conte's Sparrow																							
Nel. Sharp-tailed Sparrow																							
Fox Sparrow	1						Х	Х															Х
Song Sparrow	1	Х				X	Х	Х	х	X	х	X	X	X	X	X	X	X	X	X	X		Х
Lincoln's Sparrow	1									X	х	X											
Swamp Sparrow	1																		х				Х
White-throated Sparrow	1		х					х	х	х	х	х								х	х		Х
Harris's Sparrow	1									Х													
White-crowned Sparrow	1									х	х	х									х		
Dark-eyed Junco	1		х			х	х	х		х											х	х	Х
Lapland Longspur	1						х																Х
Smith's Longspur																							
Snow Bunting	1	х																			Х		
Northern Cardinal	1	х	х	х	х	Х	х	х	Х	Х	х	Х	х	х	х	х	Х	Х	х	х	х	х	Х
Rose-breasted Grosbeak	1									Х	х		х		х				х				
1		1 ==	ı —	1 ==	ı —	 	1	ı —															

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