BIRDS IN THE SAGINAW BAY AREA

August 1st thru November 30, 1998

Compiled by:

Joe Soehnel

1255 Jodie Lynn Lane Essexville, MI 48732

Weather: The fall season continued in the pattern of 1998 as being one of the milder years on record. Strong southwest winds with several fronts and a higher than normal jet stream kept temperatures moderate throughout the fall season. At no point in the fall season did any measurable snow develop in the lower portion of the SBA. Mid November did dump several inches of snow in the northern section of the SBA but was quickly melted away by above freezing temps and rain.

> Precipitation was much below normal during the four month, fall season. Only three weather fronts produced rain of more than one inch in a given twenty-four hour period. The first wasn't until September 15th with 1.01", the second coming on October 7th with 3.02" and the last coming on November 10th and 11th with 1.48" and .79", respectively. Does this impact the lake levels? Seemingly so as the lake levels have dropped noticeably this year. Sand bars now extend further out into the Saginaw Bay even when there isn't a southerly wind to push out the bay .

Summary: Topping the list that will make eyes pop was a possible Storm Petrel species which was observed after the intense storm of November 10th and high, southwesterly winds of November 11th. The bird was observed for a short period of time on November 11th by Myles Willard and David Peters as it flew past them on Tawas Bay just above the crest of a near-shore wave. Their written descriptions are included in the species section of this survey.

> "Good birds" that graced the SBA for the fall season included: a Red-throated Loon at Tawas Pte: American White Pelican at SNWR; single siting of Brant on 11/21 at Tawas Pte; an immature Golden Eagle at SNWR; two separate sitings of a single American Avocet at SNWR: a whopping 1014 Lesser Yellowlegs at SNWR on 8/27; a Hudsonian Godwit at SNWR; Longbilled Dowitcher sitings at SNWR in October: Olive-sided Flycatcher on Bradford Road in Tuscola County; a Western Kingbird at Rush Lake, Huron County; a Loggerhead Shrike at Tuscola County; sitings of Gray-cheeked Thrush in three different counties; a Yellow-breasted Chat at Tawas Pointe; a Dickcissel from Tawas Pte, and a single Pine Grosbeak from the Caro area. (Tell me again why I don't get to SNWR or Tawas Pte more often?)

Description: The attached list of casual/accidental species is a key for all to use when such species are observed. The instructions and list was taken from the Michigan Bird Survey Form for the autumn Season (August 1 - November 30, 1998). Documentation for birds sited at very early or late times of the year is also necessary to be included at the state level. See Birds and Bird Finding in the Saginaw Bay Area by Ron Weeks to determine late or early dates.

> The reverse side of the list contains a reporting form for such species that require documentation. Use of the form is not required. if you feel that you need to include more details, etc. about a given sighting, feel free to add additional sheets or use your own format if you wish. (This information is merely included as a convenience to you.)

RED-THRO	ATED LOON:			
1	11/13	Tawas Pte, Io	BB	
COMMON LO	OON:			
31	10/09	Tawas Pte, Io	BB	Peak coutnt.
1	10/29	AuSable River Mouth, Io	GZ	
1	11/08	Karn Plant, Ba	JS	
PIED-BILLEI	GREBE:			
1	CTP	Karn Plant, Ba	JS,GS	
135	08/14	Nay Pte, Ba	BB	Peak count.
	Also noted from H	u, Io, Mi, Sa.		
			a g	
HORNED GR	EBE:			
11	11/08	Tawas Bay, Io	GN	
1	11/24	Bay Port area, Hu	TB	
1	11/22	Tawas Bay, Io	G&TN	
RED-NECKE	D GREBE:			
No reports.				
PETREL SP.:				to produce the second
1	11/11	Tawas Bay, Io	MW,DP	See both Myle's & David's notes below

Myles: While watching from shore in Tawas, a dark bird approached flying parallel to shore. Bird flew just over wave crest about thirty feet from shore. It seemed to use the updraft of the west wind of the last wave crest. (Record winds that day.) It also used some deep pumping wing beats at times. It had the shape of a Purple Martin or Tree Swallow at first glance. It was the size of a Black Tern or Merlin or Killdeer. It had a very short head/neck look with short bill. It was dark looking, almost jet black against water but a little less than solid black on back or inner wing area. The outer wing was pointed like a Merlin with no wing stripe as in most shore birds. Outer wing was very dark. The body and tail seemed solid black. Birds general jizz was different from anything I had ever seen. It looked most like a Purple Martin only double sized. Its flight style was that of a Storm Petrel using wave to "surf" along parallel to shore staying inches off surface. Its size, wing beat and shape most closely match Harrison's description of the Black Storm Petrel of Pacific Ocean. Both Dave and I were mentally unprepared for this siting and wasted valuable time trying to match up what we were seeing with a Michigan bird.

David: My first split-second impression was Black Tern (breeding plumage), which is of course quite contrary to this species molting and migration chronology. My second thought was a small falcon. Anyway, I guess I sort of just forgot about it after that, and went back to being enjoying the flocks of Franklin's Gull. I will go on record as agreeing fully with Myles in that this was an overall very dark, sharp sweptback winged bird, decidedly smaller than a Bonaparte's Gull, with a tail of noticeable length, a neck and beak not of notable length, flying swiftly over the inshore waters of the bay ("on the deck").

AMERICAN WHITE PELICAN:

2		CNIVID C.	DD DC	TO C 41 1 1 1
3	present until 9/3	SNWR, Sa	DP, BG	Trio from the summer period.
DOUBLE-C	CRESTED CORMORA	ANT:		
895	10/04	Karn Plant, Ba	JS	
	Present through per	iod at Karn Plant, Ba. Also:	noted in Hu, Io, Sa	
AMERICA:	N BITTERN:			
1	08/01	Nay Pte, Ba	G&EP, М&ЛН	
2	09/11	Tuttle Marsh, Io	BB	
LEAST BI	TTERN:			
1	08/01	Nay Pte, Ba	G&EP , М&ЈН	
GREAT BL	LUE HERON:			
Present 1	through period at Karı	n Plant, Ba.	JS	Peak of 99 on 08/16, SNWR, Sa. BG
	Also noted in Io			
GREAT EC	GRET:			
1	11/04	SNWR, Sa	BG	
	Also noted in Hu,	Ba. Peak 42 on 08/14 T	uttle Marsh, Io. BB	

	KED HERON:		0.0701	D. I.
7	09/04	Tuttle Marsh, Io	G&TN	Peak count.
1	09/13	Karn Plant, Ba	JS	Last date.
DI ACIZ CDC	Also noted in Sa. WNED NIGHT HE	DOM:		
			GZ	š
22	09/08	Nay Pte, Ba	JS	
5	10/08 Also noted in Hu,	Karn Plant, Ba	12	
TUNDRA SW		Sa	-	
1 UNDRA SW	10/09	Nay Pte, Ba	RB,KT	
3500	11/12	Bay Port area, Hu	TB	Peak count.
3300	Also noted in Io	Day 1 oft area, 114	110	1 can count.
MUTE SWAI				
		County locations. No lar	ge numbers repo	rted.
	HITE-FRONTED		8	
2	11/13	SNWR, Sa	MW	* .
SNOW GOO			1. The second of	
1	10/02	SNWR, Sa	BG	
74	11/13	SNWR, Sa	MW	Blue Phase
, ,	Also noted in Hu	21,1114,22		
BRANT:	1 1100 11000 111			
1	11/21	Tawas Pte, Io	M&J K	Per conversation w/ Gary Nelkie, the
		ess right after observing th	nis bird on the cer	ment slab at the end of the pointe. Mr.
Knowles i	s a retired gentlema	n who remembers Brant v	when they were ga	amebirds when he was a duck hunter. They
		description. (Sorry that I		
<i>8</i>				
CANADA G	OOSE:			
13608	10/28	SNWR, Sa	RM	
	Present through p	period Ba, Io, Mi		
WOOD DUC				
50	10/17	Bay Port Area, Hu	TB	
	Also noted in Ba.	Io, Sa.		
GREEN-WIN	NGED TEAL:			
10		od. Hampton Twp, Ba	SM	
1403	11/24	SNWR, Sa	RM	
	Also noted in Ba	. Io		
AMERICAN	BLACK DUCK:			
1212	10/20	SNWR, Sa	RM	
	Also noted in Hu	, Ba, Io		
MALLARD:				
12742	10/28	SNWR, Sa	RM	
	rough period Ba, M	li, Io		
NORTHERN				
1	10/09	Tawas Pte, Io	BB	
99	10/20	SNWR, Sa	RM	
BLUE-WIN			- c - D.C	
		k of 36 on 08/16 @ SNW	R, Sa. BG	
	N SHOVELER:			
18	10/17	Bay Port area, Hu	TB	
.56	10/20	SNWR, Sa	RM	
GADWALL		20036A	-	
1	10/17	Bay Port area, Hu	TB	
	N WIGEON:	= -	0-	
60	09/08	Nay Pte, Ba	GZ	
2	11/09	Karn Plant, Ba	JS	
	Also noted in Hi	1 Sa		

Also noted in Hu, Sa

CANVASBA	CK:			
40	11/30	Bay Port area, Hu	TB	
REDHEAD:				
16	10/24	Tawas Pte, Io	BB	
350	11/24	Bay Port area, Hu	TB	
RING-NECKI				
CDE ATED CO	Noted in Io, Ba			
GREATER SO	Noted in Hu, Ba, I			
LESSER SCA		O		
1	08/14	Nay Pte., Ba	BB	
•	Also noted in Hu,		DD	•
OLDSQUAW		,		
1	10/23	Tawas Pte, Io	GN,BB	
1	10/15	SNWR, Sa	DP	
1	11/24	Bay Port area, Hu	TB	
BLACK SCO				
1	10/09	Tawas Pte, Io	BB	, i
20	10/15	SNWR, Sa	DP	Raft of 1 male / 19 fem/imm
SURF SCOTE				
1	10/09	Tawas Pte, Io	RB,KT, BB	
	GED SCOTER:	Torriga Dto To	CM DD	2 on 11/14 Tower Dto Io DD
14 COMMON C	10/23 OLDENEYE:	Tawas Pte, Io	GN, BB	3 on 11/14, Tawas Pte, Io. BB
COMMON G	Noted in Ba, Hu, I	lo:		
BUFFLEHEA		10		
5	10/23	Tawas Pte, Io	BB	
J	Also noted in Hu,			
HOODED MI				
21	11/21	Karn Plant, Ba	JS	Peak Count.
	Also noted in Hu,			
COMMON M	IERGANSER:			
2	09/12	Tawas Pte, Io	BB	
		14 14 45 1 10, 10		
3500	11/28	MCV Ponds, Mi	GZ	
	Also noted in Io,	MCV Ponds, Mi Ba, Hu, Sa	GZ	
RED-BREAS	Also noted in Io, I	MCV Ponds, Mi Ba, Hu, Sa R:		
	Also noted in Io,	MCV Ponds, Mi Ba, Hu, Sa	JS	Incredible feeding frenzy w/ equal
RED-BREAS	Also noted in Io, I TED MERGANSER 10/04	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba		Incredible feeding frenzy w/ equal number of gulls.
RED-BREAS 2500	Also noted in Io, 1 TED MERGANSEI 10/04 Also noted in Hu,	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba		
RED-BREAS 2500 RUDDY DUG	Also noted in Io, 1 TED MERGANSEI 10/04 Also noted in Hu, CK:	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io	JS	
RED-BREAS 2500 RUDDY DUG 2	Also noted in Io, 1 TED MERGANSEI 10/04 Also noted in Hu, CK: 09/04	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa	JS JS,GS	
RED-BREAS 2500 RUDDY DUG	Also noted in Io, 1 TED MERGANSEI 10/04 Also noted in Hu, CK: 09/04 10/22	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa	JS	
RED-BREAS 2500 RUDDY DUC 2 101	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba,	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa	JS JS,GS	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE:	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu	JS JS,GS BG	
RED-BREAS 2500 RUDDY DUC 2 101	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba,	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io	JS JS,GS	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU 47	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE: 09/22	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io Tawas Pte, Io	JS JS.GS BG G&TN	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU 47	Also noted in Io, 1 TED MERGANSEI 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE: 09/22 10/23.	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io Tawas Pte, Io	JS JS.GS BG G&TN	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU 47 2	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE: 09/22 10/23, Also noted in Hu,	MCV Ponds, Mi Ba, Hu, Sa E: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io Tawas Pte, Io Ar, Sa. Fish Pte, Tu	JS JS,GS BG G&TN BB	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU 47 2 OSPREY:	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE: 09/22 10/23, Also noted in Hu, 08/30 10/13	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io Tawas Pte, Io Ar, Sa. Fish Pte, Tu Kawkawlin Twp, Ba	JS JS,GS BG G&TN BB	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU 47 2 OSPREY: 1 1	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE: 09/22 10/23, Also noted in Hu, 08/30 10/13 Also noted in Ba,	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io Tawas Pte, Io Ar, Sa. Fish Pte, Tu Kawkawlin Twp, Ba	JS JS,GS BG G&TN BB	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU 47 2 OSPREY: 1	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE: 09/22 10/23. Also noted in Hu, 08/30 10/13 Also noted in Ba, JE:	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io Tawas Pte, Io Ar, Sa. Fish Pte, Tu Kawkawlin Twp, Ba Io	JS JS,GS BG G&TN BB DD G&EP	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU 47 2 OSPREY: 1 1 BALD EAGI	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE: 09/22 10/23 Also noted in Hu, 08/30 10/13 Also noted in Ba, JE: Noted in Hu, Io, I	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io Tawas Pte, Io Ar, Sa. Fish Pte, Tu Kawkawlin Twp, Ba	JS JS,GS BG G&TN BB DD G&EP	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU 47 2 OSPREY: 1 1 BALD EAGI	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE: 09/22 10/23, Also noted in Hu, 08/30 10/13 Also noted in Ba, JE: Noted in Hu, Io, I	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io Tawas Pte, Io Ar, Sa. Fish Pte, Tu Kawkawlin Twp, Ba Io Ba. Peak of 18 on 11/13 @	JS JS,GS BG G&TN BB DD G&EP SNWR, Sa. BG	
RED-BREAS 2500 RUDDY DUC 2 101 TURKEY VU 47 2 OSPREY: 1 1 BALD EAGI	Also noted in Io, 1 TED MERGANSER 10/04 Also noted in Hu, CK: 09/04 10/22 Also noted in Ba, JLTURE: 09/22 10/23 Also noted in Hu, 08/30 10/13 Also noted in Ba, JE: Noted in Hu, Io, I	MCV Ponds, Mi Ba, Hu, Sa R: Karn Plant, Ba Io FSL, Sa SNWR, Sa Hu Five Channels Dam, Io Tawas Pte, Io Ar, Sa. Fish Pte, Tu Kawkawlin Twp, Ba Io Ba. Peak of 18 on 11/13 @ SNWR	JS JS,GS BG G&TN BB DD G&EP	



SHARP-SHIN	NED HAWK:					
1	08/30	SNWR, Sa	BG			
1	11/27	Tawas City, Io	GN			
	Also noted in Hu.					
COOPER'S H	AWK:					
	ightings through pe	riod. Ba, Mi, Io				
NORTHERN		Harbar Daoah Area Hu	N 4337			
1	10/21	Harbor Beach Area, Hu	MW			
	DERED HAWK:	Total Money In	חח			
1	09/11	Tuttle Marsh, Io	BB		2	
	GED HAWK:					
No reports						
RED-TAILED		C I- D1620 11/12	CNUM	Co DC		
		Ii, Io. Peak of 20 on 11/13	a snwk,	Sa. BG		
	GED HAWK:	Tarita Manuala Ta	DD			
2	11/13	Tuttle Marsh, Io	BB DB BC			
1	11/14	Karn Plant, Ba	DB, BG			
GOLDEN EA		CAMAD	M		T	
1	11/13	SNWR	MW		Imm.	
AMERICAN		de arred				
	ough period. Ba, Io)			g* 30	
MERLIN:			C) I			
1	09/02	Tawas Pte, Io	GN			
1	10/10	Tawas Pte, Io	BB			
	Also noted in Hu,	Sa, Mı				
PEREGRINE						0/04 70
2	08/07	SNWR, Sa	DP		Also 1 (a) SNWR	on 9/24. BG
1	09/01	Nay Pte, Ba	TP			
1	09/26	Tawas Pte, Io	BB			
RING-NECK	ED PHEASANT:		ASS			
25	08/06	SNWR, Sa	BG			
	Also noted in Io,	Ba, Mi				
RUFFED GR	OUSE:					
10	08/14	Powerline Rd, Io	BB			
2	10/20	Kawk Flooding, Mi	GZ			
WILD TURK	EY:					
20	09/11	AuGres, Ar	BB			
	Also noted in Ba,	Io				
NORTHERN	BOBWHITE:					
No Report	ts.					
VIRGINIA R	AIL:					
1	08/11	SNWR, Sa	DP			
SORA:	F					
1	09/11	SNWR, Sa	DP			
COMMON N	MOORHEN:					
1	09/20	Bay Port area, Hu	TB			
	Also noted in Ba					
AMERICAN	COOT:					
200	11/24	Bay Port area, Hu	TB			
	Also noted in Ba	, Sa, Mi				
SANDHILL	CRANE:					
3	09/24	Bay Port area, Hu	TB			
1	11/20	SNWR	BG		Only the second	SBA Nov Record.
-	LLIED PLOVER:	112			B 3	
1	08/14	SNWR, Sa	DP			
î	11/14	SNWR, Sa	DP		Last date.	
-		Hu, Ba. Peak of 51 on 09		DP	la company	

AMEDICANIA	GOLDEN-PLOVER			
AMERICAN (09/04	FSL, Sa	JS,GS	*
8	10/06	Portsmouth Twp, Ba	JS, US	
o .	Also noted in Sa, I			
SEMIPALMA	TED PLOVER:			
1	10/08	Karn Plant, Ba	JS	
	Also noted in Hu, I	lo Peak of 32 on 08/21 at	SNWR. DP	
PIPING PLOV	10.00 100 1.00 1.00			
No Reports				
KILLDEÉR:				
256	09/09	SNWR, Sa	DP	Peak Count.
12	11/18	SNWR, Sa	DP	Last date.
	Also noted in Hu,	l o		
AMERICAN	AVOCET:			
, 1	08/21 to 09/03	SNWR, Sa	DP, BG	
1	09/24 to 10/01	SNWR, Sa	DP	Few fall SBA records.
	ELLOWLEGS:			
43	09/03	SNWR, Sa	DP	Peak count.
3	11/03	SNWR, Sa	D₽	Carlo Carlos of March 18 1 1 1 1 1 1 1 1 1 1
	Also noted in Tu,	Io, Hu		
LESSER YEL				
1014	08/27	SNWR, Sa	DP	Crushed previous SBA peak!
3	11/05	SNWR, Sa	DP	
201 10 1011 2	Also noted in Hu,	Ba, Io, Mi		
SOLITARY S		0.11170 0	77	
8	08/07	SNWR. Sa	DP	Ti lanut i la
1	10/22	SNWR, Sa	DP	Tied SBA late date.
STATE TO THE	Also noted in Ba, I	Mi, 1 u, 10		
WILLET:	_			
No Reports				
SPOTTED SA	10/22	CNIWD Co	DP	Deals of 20 an 9/7 CNUID DD
1	Also noted in Hu,	SNWR, Sa	DP	Peak of 28 on 8/7, SNWR. DP
WHIMBREI		Da, MI, 10		
No Reports				
HUDSONIA				
2		SNWR, Sa	DP	One present 10/15-10/22, SNWR. DP
MARBLED (Sitting Su	Di	One present 10/15-10/22, SIVWIC. DI
No Reports				
RUDDY TUR				
1	09/19	Tawas Pte, Io	GN	
-	Also noted in Sa	Markey Art gray		
RED KNOT:				
2	08/27	SNWR, Sa	DP	3 on 9/3 at SWNR. DP
SANDERLIN	G:		*	
2	10/23	Tawas Pte, Io	GN,BB	
	Also noted in Ba,	Hu, Sa		
SEMIPALMA	TED SANDPIPER			
129	08/07	SNWR, Sa	DP	Peak count.
1	10/04	Karn Plant, Ba	JS	
	Also noted in Io	*		
WESTERN S	SANDPIPER:			
No Report				
LEAST SAN	DPIPER:			
284	08/21	SNWR, Sa	DP	Peak count & new SBA peak!
1	10/04	Karn Plant, Ba	JS	-
	Also noted in Io			

PED SANDPIPER:			
09/17	SNWR, Sa	DP	
09/19	Tawas Pte, Io	GN	
	CONTROL CO	DD.	D1522 0/2 CNWD DD
			Peak of 23 on 9/3, SNWR. DP
	Karn Plant, Ba	JS	
	CATUD C.	חח	
	Frankeniusi Twp, Da	12	
Also noted in 10			
00/17	SNIWD Sa	DΡ	
			Last 55 on 11/18 at SNWR. DP
	DIVVIC, Da	21	
			4
	SNWR. Sa	DP	Peak of 20 on 8/14, SNWR. DP
			2
		DP	
		(a)	
		BG	
	Karn Plant, Ba	JS	
	SNWR, Sa	DP	ID'd by call note.
10/28	SNWR, Sa	DP	Last positive ID by call note.
R SP.:			
11/18	SNWR, Sa	DP	New SBA late date! David wrote,
			"too far away to be audible."
SNIPE:			
Present thru perio	od. Hampton Twp, Ba	SM	
Also noted in Hu	, Sa		
WOODCOCK:			
08/25	Mayville, Tu	MW	
09/30	Hampton Twp, Ba	JS	
PHALAROPE:			
08/14 - 8/21			
09/20		TB	
		~~	
	Quan, Tu	טט	
		CN	Doot the Veteran's Day might
			Beat the Veteran's Day rush!
11/11			Another SBA peak count crushed!
		; 57 @ Tawas River	mouth, 10, 54 (a) Ausable River mouth, 10,
	i, Sa, Mi, Hu		
TE'S GULL:	17 Dl D-	TC	
11/09	Karn Plant, Ba	JS	
11/09 Also noted in Io		JS	
11/09 Also noted in Io LED GULL:			
11/09 Also noted in Io ED GULL: 11/04	SNWR, Sa	JS BG	
11/09 Also noted in Io LED GULL: 11/04 Also noted in Hi	SNWR, Sa		
11/09 Also noted in Io LED GULL: 11/04 Also noted in Ho GULL:	SNWR, Sa u, Io, Ba	BG	
11/09 Also noted in Io LED GULL: 11/04 Also noted in Hi	SNWR, Sa u, Io, Ba Tawas Pte, Io		
	09/19 NDPIPER: 08/21 10/04 SANDPIPER: 09/03 11/13 Also noted in Io 09/17 10/28 Also noted in Ba DPIPER: 09/17 STED SANDPIPER 08/14 09/04 LED DOWITCHER 09/22 09/12 ED DOWITCHER: 10/01 10/28 GR SP.: 11/18 SNIPE: Present thru peric Also noted in Hu WOODCOCK: 08/25 09/30 PHALAROPE: 08/14 - 8/21 09/20 SED PHALAROPE 08/26 09/18 'S GULL: 11/06 11/11 David's notes in and 96 @ Three Also noted in Ba ULL: ts.	09/17 SNWR, Sa 09/19 Tawas Pte, Io NDPIPER: 08/21 SNWR, Sa 10/04 Karn Plant, Ba SANDPIPER: 09/03 SNWR, Sa 11/13 Frankenlust Twp, Ba Also noted in Io 09/17 SNWR, Sa 10/28 SNWR, Sa 10/28 SNWR, Sa Also noted in Ba DPIPER: 09/17 SNWR, Sa STED SANDPIPER: 08/14 SNWR, Sa U9/04 FSL, Sa LED DOWITCHER: 09/22 SNWR, Sa 09/12 Karn Plant, Ba ED DOWITCHER: 10/01 SNWR, Sa 10/28 SNWR, Sa R SP.: 11/18 SNWR, Sa SNIPE: Present thru period. Hampton Twp, Ba Also noted in Hu, Sa WOODCOCK: 08/25 Mayville, Tu 09/30 Hampton Twp, Ba PHALAROPE: 08/14 - 8/21 SNWR, Sa 09/20 Bay Port area, Hu SED PHALAROPE: 08/26 SNWR, Sa 09/18 Quan, Tu S GULL: 11/06 Tawas Pte, Io 11/11 AuGres to Oscoda, Ar/ David's notes included: 29 @ AuGres, Ar and 96 @ Three Mile Park, Io. Also noted in Ba, Sa, Mi, Hu ULL: 15.	09/17 SNWR, Sa DP 09/19 Tawas Pte, Io GN NDPIPER: 08/21 SNWR, Sa DP 10/04 Karn Plant, Ba JS SANDPIPER: 09/03 SNWR, Sa DP 11/13 Frankenlust Twp, Ba JS Also noted in Io Also noted in Io DP 09/17 SNWR, Sa DP 10/28 SNWR, Sa DP O9/17 SNWR, Sa DP STED SANDPIPER: 09/17 SNWR, Sa DP O9/18 SNWR, Sa DP O9/17 SNWR, Sa DP O9/18 SNWR, Sa BG O9/12 SNWR, Sa BG O9/12 SNWR, Sa DP SNWR, Sa DP DP 10/28 SNWR, Sa DP R SP: 11/18 SNWR, Sa DP SNIPE: Present thru period. Hampton Twp, Ba JS WOODCOCK: 08/25 Mayville, Tu

```
THAYER'S GULL:
  No Reports.
ICELAND GULL:
  No Reports.
GLAUCOUS GULL:
                             Eagle Bay, Hu
                                                    MW
  1
             11/13
                              Tawas Pte, Io
  1
             11/14
                                                    BB
  3
             11/26
                             Bay Port area, Hu
                                                    TB
LESSER BLACK-BACKED GULL:
             10/15
                             BCSRA, Ba
                                                    GZ, G&EP
  1
             11/11 & 13
                             Karn Plant, Ba
                                                    JS
                                                                     First record at Karn.
GREAT BLACK-BACKED GULL:
             10/29
                                                    GZ
                              Tawas Pte, Io
             Also noted in Hu, Mi, Sa, Ba, Io
BLACK-LEGGED KITTIWAKE:
  No Reports.
CASPIAN TERN:
                              Karn Plant, Ba
                                                    JS
  3
             10/28
                                                                     Last date.
             Also noted in Sa, Io
COMMON TERN:
             08/15
                              Tawas Pte, Io
                                                    BB
  300
  2
             10/15
                              BCSRA, Ba
                                                    GZ
             Also noted in Hu, Io
FORSTER'S TERN:
             09/02
                              BCSRA, Ba
                                                    GZ
BLACK TERN:
             08/15
                              Nay Pte, Ba
                                                    BB
ROCK DOVE:
  Common through every period. Ba, Mi, Io
                                          Peak of 175, Bay City, Ba. JS
MOURNING DOVE:
                              Hampton Twp, Ba
   182
             11/28
                                                    JS
  Present through period. Ba, Mi, Io
BLACK-BILLED CUCKOO:
  No Reports.
YELLOW-BILLED CUCKOO:
             09/12
                                                    BB
  1
                              Tawas Pte, Io
EASTERN SCREECH OWL:
             09/04
                              SNWR, Sa
                                                    DP, BG
GREAT HORNED OWL:
             Noted in Ba, Tu, Io
SNOWY OWL:
  No Reports.
BARRED OWL:
                              SNWR, Sa
                                                    DP
             09/14
  3
                                                                     Unsolicited.
   1
             09/25
                              Tuttle Marsh, Io
                                                    BB
LONG-EARED OWL:
   No Reports.
SHORT-EARED OWL:
             11/05 thur period SNWR, Sa
                                                    DP, MW, BG
                                                                     Peak of 14 on 11/5 & 11/25
NORTHERN SAW-WHET OWL:
   No reports.
COMMON NIGHTHAWK:
             09/04
   1
                              SNWR, Sa
                                                    DP
                                                                     Peak of 21 on 9/4, Saginaw, Sa.
             Also noted in Io
WHIP-POOR-WILL:
   1
             09/25
                              Tuttle Marsh, Io
                                                    BB
```

```
CHIMNEY SWIFT:
                                                    GS
             09/26
                             Delta College, Sa
             Also noted in Hu, Sa, Io
RUBY-THROATED HUMMINGBIRD:
             09/09
                             Midland, Mi
                                                    GZ
                                                                    Backyard.
BELTED KINGFISHER:
                                                    BG
                             SNWR, Sa
             11/20
  1
             Also noted in Ba,
RED-HEADED WOODPECKER:
             09/12 thru 10/10
                                                    BB
                             Tawas Pte, Io
  1
                                                    М&ЈН
                              SNWR
             10/24
RED-BELLIED WOODPECKER:
             Noted in Hu, Ba, Tu, Mi, Io
YELLOW-BELLIED SAPSUCKER:
                                                    J&GS
                                                                    Backyard.
             10/07
                              Hampton Twp, Ba
  3
             Also noted in Io
DOWNY WOODPECKER:
   Regular through period. Ba, MI, Io
HAIRY WOODPECKER:
  Scattered sightings through period. Ba, Mi, Io
NORTHERN FLICKER:
             Present through period. Midland, Mi. GZ. Peak of 24 on 08/16 @ SNWR, Sa. BG
             Also noted in Sa, Io, Ba.
PILEATED WOODPECKER:
                              BCSRA, Ba
                                                    GZ
             10/15
   1
                              Eagle Run, Io
                                                    BB
             11/13
   1
OLIVE-SIDED FLYCATCHER:
                                                    DD
                              Bradford Rd, Tu
             09/18
EASTERN WOOD-PEWEE:
             09/16
                              Fish Pte, Tu
                                                    GZ
   1
             Also noted in Ba, Hu, Sa, Io
YELLOW-BELLIED FLYCATCHER:
                                                                     ID'd by distinctive call.
                              Fish Pte, Tu
                                                    GZ
             09/16
ACADIAN FLYCATCHER:
   No Reports.
ALDER FLYCATCHER:
   No Reports.
 WILLOW FLYCATCHER:
   No Reports.
 WILLOW/ALDER FLYCATCHER:
                                                     GS
                              Hampton Twp, Ba
   1
              08/24
LEAST FLYCATCHER:
                              Mayville, Tu
                                                     MW
              09/11
 EASTERN PHOEBE:
                              Saginaw Twp, Sa
                                                     BG
              10/29
   1
              Noted in Hu, Mi, Io
 GREAT CRESTED FLYCATCHER:
              09/11
                               Tawas Pte, Io
                                                     BB
   1
              Also noted in Sa.
 EASTERN KINGBIRD:
                                                     BB
              09/12
                              Tawas Pte, Io
              Also noted in Ba, Sa.
 WESTERN KINGBIRD:
                               Rush Lake, Hu
                                                     New SBA (state?) late date! Photographed.
              10/16
   1
 HORNED LARK:
    1 (up to 4) SSTP
                               SNWR, Sa
                                                     DP
```

Also noted in Ba, Io

At all .

```
PURPLE MARTIN:
  75
             08/15
                             Linwood Beach, Ba
                                                    J&GS
             09/15
  1
                              Nay Pte, Ba
                                                    AB, KT
             Also noted in Io
TREE SWALLOW:
  2500
             10/03
                              SNWR, Sa
                                                    BG
                                                                     Peak Count
  3
             10/19
                              SNWR, Sa
                                                    DP
                                                                     Last date.
             Also noted in Mi, Io
NORTHERN ROUGH-WINGED SWALLOW:
             10/08
                              SNWR, Sa
                                                    DP
BANK SWALLOW:
             09/15
                              Nay Pte, Ba
  1
                                                    AB, KT
CLIFF SWALLOW:
  1
             09/15
                              Nay Pte, Ba
                                                    AB, KT
             Also noted in Sa, Io
BARN SWALLOW:
             10/09
  2
                              SNWR, Sa
                                                    BG
             Also noted in Sa, Io
BLUE JAY:
             Present through period. Ba, Mi, Io
AMERICAN CROW:
             Present through period. Ba, Mi, Io
COMMON RAVEN:
             08/14 & 10/23
                              Rollway Rd/Powerline Rd, Io BB
                                                                     3 (a) Tuttle Marsh, Io on 08/14. BB
BLACK-CAPPED CHICKADEE:
             Present though period. Ba, Mi, Io
TUFTED TITMOUSE:
             Present through period. Mi, Ba
RED-BREASTED NUTHATCH:
             Noted in Ba, Hu, Io, Sa
WHITE-BREASTED NUTHATCH:
             Present though period. Ba, Mi. Peak of 15 (a) SNWR, Sa. BG
BROWN CREEPER:
             Noted in Hu, Ba, Sa, Io, Mi
CAROLINA WREN:
  No Reports.
HOUSE WREN:
             10/09
                              SNWR, Sa
  1
                                                    BG
             Also noted in Ba.
WINTER WREN:
                              Oak Grove, Ba
  3
             09/25
                                                     JS
  1
                              Bay Port area, Hu
             11/05
                                                    TB
SEDGE WREN:
   No Reports.
MARSH WREN:
                              Karn Plant, Ba
             10/15
                                                     GΖ
   1
             Also noted in Sa,
GOLDEN-CROWNED KINGLET:
                              Bay Port area, Hu
                                                     TB
   1
             09/14
   1
             11/29
                              Bay Port area, Hu
                                                     TB
RUBY-CROWNED KINGLET:
   1
             08/25
                              Hampton Twp, Ba
                                                     GS
   2
             10/15
                              Hampton Twp, Ba
                                                     GS
             Also noted in Sa.
BLUE-GRAY GNATCATCHER:
             09/19
                              Tawas Pte, Io
                                                     GN
```

Also noted in Ba.

to ale

EASTERN BL	UEBIRD:			
15	09/12	Bay Port area, Hu	TB	
2	09/14	Mi Co	BW	*.
2	09/29	SNWR, Sa	BG	
VEERY:				
No reports.				
	EKED THRUSH:			
1	09/02	BCSRA, Ba	G&EP	
1	09/11 & 15	Mayville, Tu	MW	
1	10/20	Iosco Co.	GN	
SWAINSON'S		Hamilton T Da	10	
1	09/30	Hampton Twp, Ba	JS	
TED OF THE	Also noted in Tu.			
HERMIT THE		Day Dort area Un	TTD	
1	10/17	Bay Port area, Hu	TB	
WOOD TIBE	Also noted in Ba, I			
WOOD THRU	09/11	Tawas Pte, Io	GZ	
1 AMERICAN 1		Tawas Fie, 10	GZ.	and the second of the second
330	10/01	Hampton Twp, Ba	JS	Steady stream over our home in the
330	10/01	папіріон Тир, Ва	10	early morning.
9	11/30	Homer Twp, Mi	EK	carry morning.
GRAY CATB		Homer Twp, IVII	LIK	
l	10/15	Hampton Twp, Ba	GS	
1	Also noted in Tu,		00	
NORTHERN	MOCKINGBIRD			
No reports				
BROWN THE				
DIO WILLIAM	Noted in Ba.			
AMERICAN				
1	09/19	Hampton Twp, Ba	GS	
1	11/14	SNWR, Sa	DP	
-	Also noted in Hu,			
BOHEMIAN				
4 -	11/20	Oscoda, Io	MW, DP	Feeding on holly berries.
CEDAR WAX	XWING:			
	Noted in Ba, Mi, I	lo .		
NORTHERN	SHRIKE:			
l	10/21	SNWR, Sa	DP	Also 1 @ SNWR, Sa on 11/20. BG
1	11/14	Hampton Twp, Ba	GS	
1	11/29	Bay Port area, Hu	TB	
LOGGERH	EAD SHRIKE:			* - 1
1	10/31	Caro, Mayville Area, Tu	MW	
EUROPEAN	STARLING:			
1000	11/08	Karn Plant, Ba	JS	
	Present though pe	eriod. Ba, Mi	×	
BLUE-HEAD				
1	09/07	Mayville, Tu	MW	
1	09/19	Hampton Twp, Ba	GS	
YELLOW-T	HROATED VIREO:			
1	09/03	Mayville, Tu	MW	
WARBLING	VIREO:			
1	09/22	SNWR, Sa	BG	
PHILADELF	PHIA VIREO:			
1	09/07	Mayville, Tu	MW	
RED-EYED	VIREO:			
2	09/22	SNWR, Sa	BG	Also noted in Tu, Ba.

BLUE-WING	ED WARBLER:			
1	08/02	Mayville, Tu	MW	
	INGED WARBLER:			
No reports				
	S'S WARBLER:) ('11 m		D1
l TENDESCEE	08/13	Mayville, Tu	MW	Photographed!
	WARBLER:	Homeston Town Do	CC	Paris Count
6 1	08/25 09/13	Hampton Twp, Ba Tawas Pte, Io	GS BR	Peak Count.
1	Also noted in Ba,	Tawas Fie, 10	DK	
OP ANGE-CE	ROWNED WARBLE	. .		
1	09/11	Tawas Pte, Io	GZ	
NASHVILLE		1 a was 1 to, 10	02	
1	09/17	Hampton Twp, Ba	DD	
_	Also noted in Tu,			
NORTHERN		,		
No reports	i.			
YELLOW W.	ARBLER:			
1	09/13	Tawas Pte, Io	BR	
	Also noted in Ba,			
CHESTNUT-	SIDED WARBLER:			
1	08/25	Hampton Twp, Ba	GS	
MAGNOLIA				
4	08/29	Hampton Twp, Ba	GS	
2	10/07	Tawas Pte. Io	GZ	
CAPE MAY) ('11 m		
1	09/07	Mayville, Tu	MW	
DI ACIZ TUE	Also noted in Ba.	DDI CD.		
	ROATED BLUE WA		DD	
1 VELLOW D	09/16	Fish Pte, Tu	DD	
28	UMPED WARBLER 09/29	 SNWR, Sa	BG	Dook Count
28	10/29	Sag Twp, Sa	BG ·	Peak Count. Last date.
2	Also noted in Hu,	-	DO	Last date.
BLACK-THE	ROATED GREEN W			
1	09/29	BCSRA, Ba	G&EP	
-	NIAN WARBLER:	20014.1.54	GG251	
1	08/29	Oak Grove. Ba	J&GS	
PINE WARB				
1	09/15	Mayville, Tu	MW	
	Also noted in Ba,			
PALM WAR	BLER:	i, coe	t make the	
30+	09/12	Tawas Pte., Io	KO, MM, et.al.	Peak Count.
1	11/06	Tawas Pte, Io	GN	Last date.
	Also noted in Hu,	, Ba		
	STED WARBLER:			
3	08/29	Oak Grove, Ba	J&GS	
1	09/16	Fish Pte. Tu	DD	
	L WARBLER:) (''' m		
1	09/07	Mayville, Tu	MW	
CEDIA E AN	Also noted in Ba,			
	WARBLER:			
No reports		7D.		
	D-WHITE WARBLE		C7	
l AMEDICAN	09/11	Tawas Pte, Io	GZ	
AMERICAN 2	REDSTART: 10/07	Tayyas Pto Io	G7	Also noted in Tr. D. 34"
4	10/07	Tawas Pte, Io	GZ	Also noted in Tu, Ba, Mi

PROTHONO	TARY WARBLER:			
2	08/12	SNWR, Sa	BG	
OVENBIRD	•			
1	09/12	Mid Co	BR	
	Also noted in Tu,	Io, Ba		
NORTHERN	WATERTHRUSH:			
1	08/06	SNWR, Sa	BG	
1	09/15	Nay Pte, Ba	AB, KT	
LOUISIANA	WATERTHRUSH:			
No reports				
CONNECTION	CUT WARBLER:			
1	09/15	Mayville, Tu	MW	
MOURNING	WARBLER:			
1	08/26	Mayville, Tu	MW	
COMMON Y	ELLOWTHROAT:			
1	11/25	Hampton Twp, Ba	SM	
	Also noted in Tu,			
WILSON'S V			54. <u></u>	
1	08/25	Hampton Twp, Ba	GS	
1	09/16	Fish Pte, Tu	DD	
	Also noted in Io.			
CANADA W	ARBLER:			
1	08/28	BCSRA, Ba	G&EP	
YELLOW-	BREASTED CHAT			
1	09/20	Tawas Pte, Io	G&TN	
SCARLET T				
2	09/07	Mayville, Tu	MW	
	Also noted in Sa.			
NORTHERN	I CARDINAL:			
	Present though pe			
ROSE-BRE	ASTED GROSBEAK			
1	09/09	Bay Port area, Hu	TB	
	Also noted in Tu,	Ba, Sa		
INDIGO BU				
1	09/15		MW	
	Also noted in Mi	, Sa.		
DICKSISSI				n
1	09/12	Tawas Pte, Io	KO, MM, et.al.	Few SBA fall records.
EASTERN				
No repor				
	N TREE SPARROW			
1	09/20	Bay Port area, Hu	TB	D-1
211	11/05	SNWR, Sa	DP	Peak count.
	Also noted in Mi	, Ba		
CHIPPING	SPARROW:			
1	10/07	Mayville, Tu	MW	Backyard.
	ed in Hu,			
CLAY-CO	LORED SPARROV		1	
1	09/15	Mayville, Tu	MW	Photographed.
FIELD SPA	RROW:			
No repor	rts.			
VESPER S	PARROW:			
1	10/13	SNWR, Sa	DP	
-	Also noted in Io,			

SAVANNAH	SPARROW:			
43	09/29	SNWR, Sa	BG	
2	11/10	SNWR, Sa	DP	
	Also noted in Hu,	Ba		
GRASSHOPE	PER SPARROW:			
No reports				
HENSLOW'S				
No reports				
FOX SPARR				
1	11/14	Hampton Twp, Ba	GS	
20110 00 10	Also noted in Sa,	Ba		
SONG SPAR		C) III C	7.0	
37	09/29	SNWR, Sa	BG	
1	11/05	Bay Port area, Hu	TB	
I INICOL NIC	Also noted in Ba,			
LINCOLN'S		H	00	
1	10/09	Hampton Twp, Ba	GS	
CWANDCDA	Also noted in Sa.			
SWAMP SPA		Hometon True Do	CC	, a
2	10/15 OATED SPARROV	Hampton Twp, Ba	GS	
			C7	
12 65	09/11	Tawas Pte, Io	GZ	Deals Count
	09/29	SNWR, Sa	BG	Peak Count.
1	11/20 Also noted in Ba,	Homer Twp, Mi	EK	-
WHITE CDC	WNED SPARROW			
4	09/25		GZ	
27	10/04	Nay Pte, Ba Tawas Pte, Io	G&TN	Peak Count
1	10/04		TB	Peak Count
1	Also noted in Mi.	Bay Port area, Hu	1 D	
DARK-EYEI		, Sa		
DARK-LILI	Noted in Hu, Ba,	Tu Mi		
LAPLAND L		I u, IVII		
2	09/15	Nay Pte, Ba	AB, KT	
SNOW BUN		Nay I to, Da	AD, KI	
8	10/16	Hampton Twp, Ba	JS	
500	11/24	Bay Port area, Hu	TB	
200	Also noted in Tu		ID	
BOBOLINK:		•		
125	08/31	SNWR, Sa	DP	Peak & last.
	Also noted in Ba			Total Wilder
RED-WING	ED BLACKBIRD:			South to the second second
	Present through p	period. Ba, Mi		
20000	11/08	Hampton Twp, Ba	J&GS	Steady streams passed by our home for
				over a week in the early morning and
				late afternoon to stage with Grackles
N .				and Starlings at Starlings at the Karn
				Plant, Ba.
EASTERN N	MEADOWLARK:			,
	Present though p	eriod. Mi. Also noted in	Hu, Sa	
YELLOW-H	EADED BLACKBI			9
No report	S.			
RUSTY BLA				
1+	09/15	Tuttle Marsh, Io	KO,MM,et.al.	Not sure of number but more than 1.
186	10/09	SNWR, Sa	BG	Peak count.
	Also noted in Ba			4 4

BREWER'S BLACKBIRD: No reports. COMMON GRACKLE: Present through period. Ba. Also noted in Mi, Hampton Twp, Ba 10/25 J&GS 15000 **BROWN-HEADED COWBIRD:** Present through period, Ba, Mi. Peak of 200 on 10/02, SNWR, Sa. BG **BALTIMORE ORIOLE:** 08/30 Hampton Twp, Ba JS 1 Also noted in Sa. PINE GROSBEAK: 11/09 Caro Area, Tu MW 1 PURPLE FINCH: Noted in Hu, Tu, Ba HOUSE FINCH: Present though period. Ba, Mi **RED CROSSBILL:** No reports. WHITE-WINGED CROSSBILL: No reports. COMMON REDPOLL: No reports. PINE SISKIN: SNWR, Sa MW 11/13 10 MW, DP 100+ 11/20 Iargo Springs, Io AMERICAN GOLDFINCH: Present through period. Ba, Mi, Sa **EVENING GROSBEAK:** No reports. HOUSE SPARROW: Present through period. Ba, Mi 231 species TOTAL: **EXOTICS** None to report. **OMISSIONS** from previous reports SOLITARY SANDPIPER: As noted by DP for peak summer count. SNWR, Sa 34 07/17 New SBA peak count! **OBSERVER KEY:**

RA	Ron Annelin	BG	Bob Grefe
TB	Tom Beachy	LH	Larry Hyman
JВ	Jeff Buecking	EK	Gene Kenaga
BB	Bob Bell	М&ЈК	Mel & June Knowles
RB	Rick Brigham	SM	Stan Madziar
AB	Adam Byrne	RM	Rick McAvinchey
DB	Denny Brooks	GN	Gary Nelkie
SC	Scott Calkins	TN	Tess Nelkie
DD	Dan Duso	TP	Tom Pavlik

Birds of the Saginaw Bay Area

Fall 98

15

Ar and i

DP **David Peters** KT **Kevin Thomas** G&EP Glenn & Ellen Peterson RW Ron Weeks BR Betty Rainwater MW Myles Willard GZ SR Steve Rosenberg Gerald Ziarno GS Grant Soehnel

Delle day a restall an accelerate and improve the afternoons in the

ABBREVIATIONS

JS

Ar Arenac County
Ba Bay County

BCSRA Bay City State Recreation Area (Formerly Bay City State Park)

CNC Chippewa Nature Center

Joe Soehnel

Hu Huron County
Io Iosco County

MCV Pond Midland Cogeneration Venture Pond

Mi Midland County NC Nature Center

NWR National Wildlife Refuge

Sa Saginaw County
SBA Saginaw Bay Area
SL Sewage Lagoons
SP State Park
Tu Tuscola County

y the same state of