

# Western Great Lakes



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Michigan and Wisconsin had an exciting season with multiple rarities. Michigan highlights included Swallow-tailed Kite, Green Violet-ear, and Painted Redstart, while Wisconsin recorded White Ibis and Band-tailed Pigeon for the first time. Many late departure dates were noted, particularly among the warblers.

**Abbreviations:** Big Stone (Big Stone N.W.R., *Lac Qui Parle*, MN); Heron L. (North and/or South Heron Lake, *Jackson*, MN); H.R.N.R. (Hawk Ridge Nature Reserve, Duluth, MN); S.M.R.R. (Southeast Michigan Raptor Research, including Lake Erie Metropark and Pte. Mouillee HQ, *Wayne*, MI); U.P. (Upper Peninsula, MI); Wisc. Pt. (Wisconsin Point, *Douglas*, WI); W.P.B.O. (Whitefish Point Bird Observatory, *Chippewa*, MI).

## LOONS THROUGH IBISES

W.P.B.O. tallied 541 Red-throated Loons 21 Aug—13 Nov, including 124 on 20 Sep, the

same day that Binford found 20 in *Keweenaw*, MI. Away from the Great Lakes, Wisconsin had Red-throateds in *Winnebago* 16 Oct (PB) and *Portage* 20 Oct (GJ). Showing a potentially misleading whitish flank patch was a juv. Red-throated at Duluth, MN 8 & 10 Oct (MH, PHS). Two Pacific Loons passed W.P.B.O. 19 Sep (SH). Wisconsin had Pacific Loons (all p. a.) in *Shawano* 24-26 Oct (DT, T&IB), *Ozaukee* 26-30 Oct (TCW, m. ob.), *Dane* 30 Oct—10 Nov (DF, m. ob.), *Douglas* 4 Nov (JWL), and *Door* 9 Nov (JSh). Minnesota had 2-4 Pacifics on L. Superior, plus one in *Dakota* 3 Oct (ADS et al.). W.P.B.O. tallied 3266 Common Loons 1 Aug—15 Nov (peak 333, 27 Sep). Lower than last fall's was the count of 14,283 Red-necked Grebes at W.P.B.O. 15 Aug—15 Nov (peak 5665, 19 Aug). Eared Grebes were at four Wisconsin and three Michigan locations. Wisconsin had 5 Western Grebes in *Trempealeau* 26 Oct (FZL), plus singles in *Manitowoc*, *Ozaukee*, and *Racine*.

Snowy Egrets numbered one in Michigan, 2 in Minnesota, and 5 in Wisconsin, including late individuals at *Horicon Marsh*, WI 6 Oct (DSh) and *Otter Tail*, MN 8 Oct (E&JE). An imm. Little Blue Heron visited *Trempealeau*, WI 3 Sep (FZL). Yellow-crowned Night-Herons appeared in three Wisconsin locations, including *Milwaukee* 17 Aug—11 Sep (DT, TCW, DG, JJ). Though sometimes difficult to relocate in the vast marshes at

*Crex Meadows*, Wisconsin's first White Ibis was well documented 9-24 Sep (JH, m. ob.). Furnishing Wisconsin's 8th record was a Glossy Ibis in *Jackson* 24 Oct (p. a., CS et al.). Among 6 reports (11 individuals) of *Plegadis* in Minnesota were 2 White-faced Ibis.

## WATERFOWL THROUGH RAILS

Possibly summering was an early Greater White-fronted Goose at *Salt L.*, *Lac Qui Parle*, MN 6 Sep (KJB). Ross's Geese were in nine Minnesota counties, including a juv. in *Lake* 20-21 Oct (TW, vt. JWL). Wisconsin's only Ross's was in *Dane* 14-20 Nov (NP, CM, NR); in Michigan, where the species is accidental, singles visited *Houghton* 22-26 Sep (LCB, ZG) and *Washtenaw* 29-30 Nov (ph. PC, MC, ph. MKH). Unusually cooperative were single Brants in *Brown*, WI 11 Nov+ (EHO, DVD, m. ob.) and *Marquette*, MI 25 Oct—22 Nov (SHi, SH, ph. TRW, ph. RB, m. ob.). A King Eider discovered in *Ozaukee* 15 Nov (SC, m. ob.) was subsequently shot by a hunter. Unprecedented in Minnesota was the flock of 6 Harlequin Ducks at *Grand Marais*, *Cook* 26 Sep—6 Oct (DPJ, KRE et al.).

A swath of Surf Scoters surfaced in 13 "inland" Minnesota counties between mid-Oct and early Nov. The only other reports away from the Great Lakes were singles in *Portage*, WI (GJ) and *Washtenaw*, MI 2 Nov (MJS), plus 2 in *Ionia*, MI 10-19 Nov (SS, GK). W.P.B.O. counted 378 Surf Scoters 22 Aug—7 Nov (peak 59, 7 Oct). Each state had 2-4 inland reports of White-winged and Black Scoters; W.P.B.O. counted 2480 and 57 for the season, respectively. W.P.B.O. tallied 9402 Long-tailed Ducks, while Tessen estimated 5000 in *Manitowoc*, WI 17 Nov. Possibly a returning individual was the drake Barrow's Goldeneye at *Virmond Park*, *Milwaukee*, WI 3-23 Nov (TCW, m. ob.); another was in *Door* 10-12 Nov (p. a., BSt). An ad. female Smew was examined by KRE and JWL after it was shot by a hunter at *Island L.*, near Duluth, MN 6 Nov. Its right halux was found to be clipped and the tips of its flight feathers were frayed and damaged, confirming prior captivity.

Presumably the same Swallow-tailed Kite briefly visited *Scott* and *Dakota*, MN in mid-Aug (p. a., C&VK, LWC, DAB). Furnishing Michigan's 4th record since 1924 was a subad. Swallow-tailed Kite in *Kalamazoo* 6-19 Aug (JM, GB, ph. ATC, ph. JMc, RGS, m. ob.). Two Mississippi Kites associated with the Michigan Swallow-tailed 6-18 Aug, with one still present on the 19th. In Wisconsin, a Mississippi Kite was in *Green Lake* 8 Aug (p. a., BH). Single Swainson's Hawks in *Douglas* 21 Sep (DT) and *Oconto* 18 Aug (RA, J&KS) were unusual for Wisconsin. Soaring in a kettle of Swainson's was an imm. Ferruginous Hawk in *Jackson*, MN 21 Sep (KRE et al.); an ad. was in *Clay*, MN 12 Oct (PHS). Gray-morph Gyrfalcons predominate in Min-

**SA** An unknown number of **Brown Pelicans** wandered the Great Lakes Basin. Reported too late for inclusion in the summer report was one in *Vilas*, WI 25-27 Jul (p. a., BK), followed by another (or the same?) in *Iron*, WI 4 Aug (p. a., JB). Wisconsin has only six previous records. In Michigan, a Brown Pelican was photographed on a channel marker at the mouth of the Raisin R., *Monroe* 11 Aug (NN), following unsubstantiated reports there during the summer. A tame juv. (nicknamed Waldo) with a hole in its left foot and a fishing lure hooked to its bill was found at Philomena Resort on L. Michigamme, *Marquette* 17 Aug—2 Sep (R&B, ph. DL& & SHI, vt. JZ). Alan Wormington forwarded information about a Brown Pelican photographed at L. Beauchene, Quebec 13-18 Sep that showed a hole in its left foot and a scar near its right nostril. This same bird later appeared in e. Ontario and w. New York.



A frisky juvenile Brown Pelican—Michigan's second for the season—spent time at Philomena Resort, Lake Michigamme in Marquette County. The bird was present here from 17 August to 2 September 2002, and thanks to the hole visible in its left foot, was traced via photographic evidence to western Québec, then eastern Ontario in mid-September through early October. Photograph by Rob Jamros.

nesota; noteworthy was an imm. dark morph in *Cook* 27 Oct (RPR et al.). A Prairie Falcon terrorized longspurs in *Polk*, MN 19 Oct (PHS). Unexpected and late was the Yellow Rail skulking around a small pond in *Cook*, MN 22 Oct (AXH, PHS).

### SHOREBIRDS

Bardon surveyed drought-stricken Heron L. and found 23,274 shorebirds 1 Aug; among several record-high counts were 219 Semipalmated Plovers (KJB). A Piping Plover in *Mackinac* 8 Aug (D&RF), 2 in *Berrien* 10 Aug (BRA), and one at Tawas Pt. 13 Oct (MEP) were more than usual for Michigan. Minnesota had singles in *Jackson* 1 Aug (KJB), *Roseau* 4 Aug (PHS), *Lac Qui Parle* 10 Aug (KRE et al.), and *Lincoln* 2 Sep (fide RJS). American Avocets graced six Minnesota counties, a flock of 22 in *Jackson* 5 Oct being

noteworthy (BW). Wisconsin had one in *Kenosha* 14 Aug (JJ), several along L. Michigan, and one in *Sheboygan* 13 Nov (AS, SB). One or 2 avocets were in six Michigan locations, including Copper Harbor, *Keweenaw* 14 Oct (LCB). Lingering were a Solitary Sandpiper in *Saginaw*, MI 8 Nov (DP) and Spotted Sandpipers in *Houston*, MN 5 Nov (FZL) and *Ozaukee*, WI 6 Nov (JF).

Record-late for Minnesota were 2 Marbled Godwits at Big Stone 2 Oct (JEB, RBJ, BEO). Each state had one to 3 Red Knots in two locations. Record-high for Minnesota were 2000+ Semipalmated Sandpipers at N. Heron L. 1 Aug (KJB) and 2512 at Big Stone 6 Aug (KJB). Western Sandpiper was reported in *Manitowoc*, WI 23 Aug (p. a., CSo). Annihilating Minnesota's previous record-high count was 13,000+ Pectoral Sandpipers at N. Heron L. 1 Aug (KJB). Michigan reported

Purple Sandpipers in *Huron* 8 & 10 Nov (M&MW, TB), *Muskegon* 17-18 Nov (FD, RP), and *Berrien* 24 Nov (MKH, JTW). Also record-high was 1363 Stilt Sandpipers at Big Stone 12 Sep (KJB).

Minnesota had excellent numbers of Buff-breasted Sandpipers (statewide total ~545 in 19 counties) for the 2nd consecutive fall, including a record-high ~250 at Castle Rock, *Dakota* 11 Aug (JPM); also at fields of sod was the Ruff in *Dakota* 7 Aug (ADS et al.). Wilson's Phalarope peaked at 233 in *Roseau*, MN 22 Aug (KJB). Record-high was the count of 220 Red-necked Phalaropes at Thief River Falls W.T.P., *Pennington*, MN 30 Aug (CRM et al.). Unexpected were 2 Red-neckeds in *St. Louis*, MN, one of these record-late at Stoney Pt. 18 Nov (MH, KRE). Single Red Phalaropes were in *Sheboygan*, WI 19-25 Oct (p. a., KP, WM, m. ob.) and *Allegan*, MI 29 Nov (p. a., DS, CG).

### JAEGERS THROUGH HUMMINGBIRDS

Jaeger migration was poor. W.P.B.O. had only 4 Parasitics and 10 unidentified jaegers. Potentially Wisconsin's 8th and 9th Long-tailed Jaegers were at Saukville 14 Sep (TU) and Wisc. Pt. 21 Sep (DB, RJ, TRS, DT, m. ob.). A Laughing Gull visited *Milwaukee*, WI 15 Oct (JI). A first-winter Laughing Gull was in *Berrien*, MI 2 Sep (KM, JTW, m. ob.); one ad. was there 12-13 Oct (MCh, ph. AWB et al.). Minnesota's only Little Gull was a juv. at L. Winnibigoshish, *Itasca* 7 Oct (PHS); 2 in *Shawano* 24-26 Oct (DT, T&IB) provided the only Wisconsin report. Between 2 and 7 Little Gulls were responsible for multiple sightings in *Ottawa*, *Berrien*, and *Van Buren*, MI between 1 Sep (CMA) and 2 Nov (JGG). For the 5th consecutive fall, a Black-headed Gull straddled the Iowa/Minnesota border at Spirit L. 20 Sep—26 Oct (KRE et al., ph. PHS).

Wisconsin hosted 2 Mew Gulls, one in *Milwaukee* 15 Oct (JI) and a first-winter in *Ozaukee* 3 Nov (JF). Minnesota had one Lesser Black-backed Gull in the Twin Cities 20 Sep+ (KJB, PIEB). Wisconsin had 3, including an early ad. in *Dane* 7 Aug—18 Nov (PA, m. ob.), and Michigan had 14, including one for the 13th consecutive fall in *Bay* 11 Nov+ (JS, JZ et al.). Two Sabine's Gulls at Wisc. Pt. 21 Sep (p. a., AP, RJ), one at W.P.B.O. 6 Oct (PCC et al.), and one in *Van Buren*, MI 13 Oct (CF, JGG, RGS) were fewer than in recent falls. One ad. and one juv. Black-legged Kittiwake were at W.P.B.O. 15 Oct (DL) and 8 Nov (SH); more unusual was the ad. at Pere Marquette Park, *Muskegon*, MI 10 Nov (CF, RP).

Wisconsin's first Band-tailed Pigeon appeared in *Wauwasha* 24-28 Oct (p. a., JD). Minnesota's 9th Band-tailed visited a feeder in *Dakota* 20 Nov+ (C&HT, PHS, TAT, ph. DAC). Previously reported Eurasian Collared-Doves continued in *Blue Earth* and *Houston*, MN and *Milwaukee*, *Oconto*, and

**Table 1.** Fall 2002 at Hawk Ridge Nature Reserve and Southeast Michigan Raptor Research.

SPECIES	H.R.N.R.	S.M.R.R.
Turkey Vulture	1639	49,404
Osprey	539	282
Bald Eagle	3837	232
Northern Harrier	664	935
Sharp-shinned Hawk	18,851	9055
Cooper's Hawk	173	668
Northern Goshawk	653	24
Red-shouldered Hawk	6	1109
Broad-winged Hawk	56,672	106,417
Swainson's Hawk	3	4
Red-tailed Hawk	11,034	8074
Rough-legged Hawk	549	68
Golden Eagle	176	110
American Kestrel	3769	3248
Merlin	253	77
Peregrine Falcon	93	67

Ozaukee, WI. Yellow-billed Cuckoos lingered later than usual in Michigan, especially in Wayne 10 (WGP) & 20 Oct (*vide* KO). Providing the 2nd Michigan record was a Green Violet-ear at Topaz, Ontonagon 11-14 Aug (KW, ph. RS, LCB, ph. JK). Unprecedented numbers of Ruby-throated Hummingbirds lingered into Oct/Nov in Michigan; record-late was an ad. female in Berrien 21 Nov (BRA, JTW). Three Rufous Hummingbirds and 2 unidentified *Selasphorus* (all p. a.) were reported in Wisconsin; those identified as Rufous visited Milwaukee 19 Oct—13 Nov (MK), Lincoln 26 Oct (MS, DB, LO, DT), and Marathon 28 Nov (B&NS). Michigan's ad. male Rufous in Berrien Springs, Berrien late Aug—29 Nov (JTW, DSc, ph. ATC) had been banded 28 Jan 2001 in St. Rose, Louisiana by Nancy Newfield (*vide* ATC).

### FLYCATCHERS THROUGH WAXWINGS

Tardy flycatchers included an Olive-sided in Wayne, MI 4 Oct (JAC), an Eastern Wood-Pewee in Hillsdale, MI 12 Oct (JR), and a Least Flycatcher in Hennepin, MN 5 Nov (SLC). A Scissor-tailed Flycatcher graced Manitowoc, WI 12–13 Oct (p. a., SF et al.); another documented 29 Nov in Delta, MI (p. a., DM) had reportedly been there three weeks. Surprisingly *not* record-late were a White-eyed Vireo in Dane, WI 14–15 Nov (RD), a Blue-headed Vireo in Hennepin, MN 4 Nov (SLC), and a Red-eyed Vireo in Portage, WI 4 Nov (MB). Rare for the U.P. was a Tufted Titmouse duo in Sagola Twp., Dickinson 18 Sep (GRO, EJO, RW). Providing the 4th Michigan record

was a Rock Wren at L'Anse, Baraga 21–30 Oct (DL, ph. JK, ph. AMB, m. ob.). Favoring suburban habitat, a Rock Wren lingered in Hennepin, MN 4–9 Oct (JC). Far n. of usual Michigan range were 3 different Carolina Wrens at W.P.B.O. 1, 11, & 26 Aug, and one in Charlevoix 8 Aug (LJD). Similarly lost in Minnesota were singles in Lake 19 Aug (SSt, JWL, SL) and Carlton 28 Aug—early Sep (DPe, JWL). Very late was a Blue-gray Gnatcatcher at W.P.B.O. 13 Nov.

Minnesota reported Mountain Bluebirds in Scott 17 Oct (RMD), Duluth 20 Oct (KRE et al.), and Lake 3 Nov (PHS). Michigan welcomed Townsend's Solitaires at W.P.B.O. 14–15 Oct (SH, DL) and Agate Harbor, Keweenaw 17 Oct (LCB). Wisconsin had one as usual in Sauk 31 Oct+ (AH), plus one in Sheboygan 30 Nov (SB, WM). Besides the 4+ in ne. Minnesota, solitaires were seen in Sibley 7 Oct (D&BM) and Winona 9–16 Nov (RMD, RHy). Possibly record-late for Michigan was the Wood Thrush in downtown Detroit 19 Nov (KO). Fourteen Northern Mockingbirds in 11 Michigan counties was an above-average number. Bohemian



This lively Rock Wren provided a third state record for Michigan 21–30 October 2002 at L'Anse, Baraga County. Photograph by Rick Brigham.

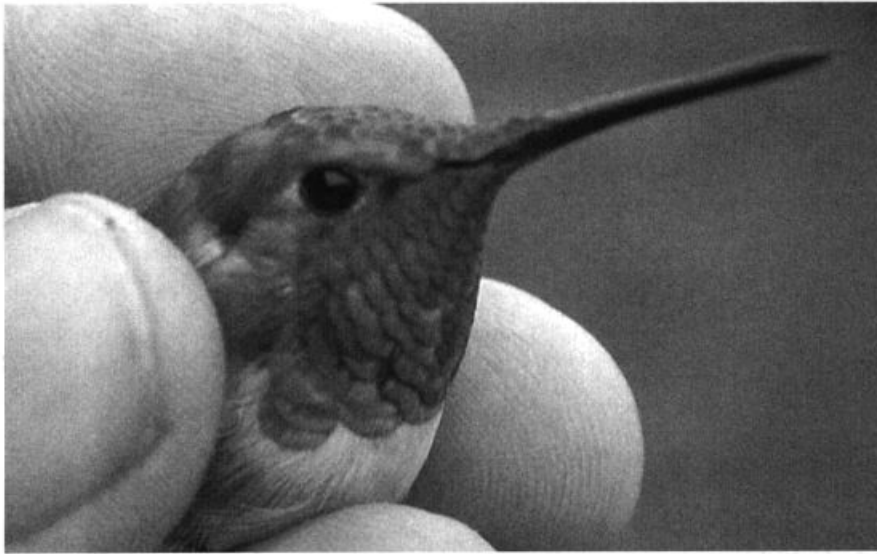
Waxwings were extremely scarce across the Region.

### WARBLERS THROUGH FINCHES

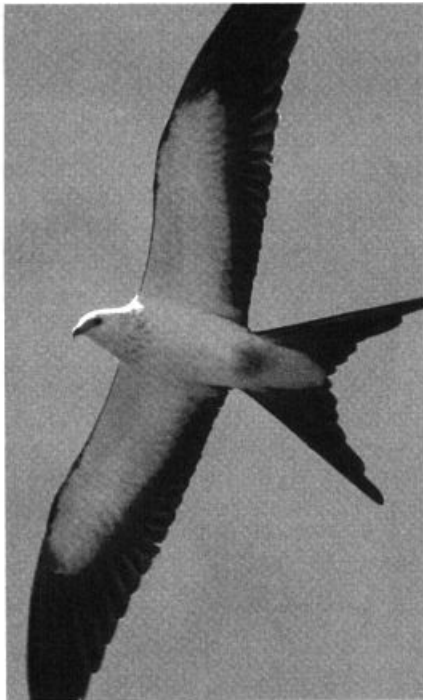
Warblers lingered in all three states (Table 2). Out of range was the Blue-winged Warbler banded at Duluth, MN 11 Sep (DAG). A Kirtland's Warbler was reported in Waukesha, WI 8 Oct (p. a., VA). Late and out of range was a Prairie Warbler at W.P.B.O. 21 Sep—16 Oct (DL, SH). Providing the 3rd Michigan record was a stunning Painted Redstart at Rogers City, Presque Isle 15-16 Nov (WNG, ph. AMB, ST, SH). A Yellow-breasted Chat in Lac Qui Parle, MN 2 Sep (RBJ, JEB) was an

**Table 2.** Late warblers in Western Great Lakes Region, Fall 2002.

SPECIES	LOCATION	DATE/OBSERVERS
Blue-winged Warbler	Berrien, MI	13 Oct (KM)
Tennessee Warbler	Dane, WI	3 Nov (PA)
Orange-crowned Warbler	Ozaukee, WI	23 Nov (SFi)
Nashville Warbler	Ramsey, MN	26 Nov (NS)
Yellow Warbler	Lake, MN	19 Oct (JWL)
Black-throated Blue Warbler	Berrien, MI	12 Nov (JP)
Black-throated Green Warbler	Benton, MN	29 Nov (HHD)
Blackburnian Warbler	Dane, WI	6 Nov (DF)
Yellow-throated Warbler	Alpena, MI	19 Nov+ (p. a., LS)
Yellow-throated Warbler	Washington, WI	23 Nov (MM, BL, BS)
Pine Warbler	Houghton, MI	27 Nov (SMR)
Palm Warbler	Berrien, MI	27 Nov (GA)
Black-and-white Warbler	Crow Wing, MN	20 Nov ( <i>vide</i> AXH)
Ovenbird	Wayne, MI	20 Nov (KO)
Northern Waterthrush	Wayne, MI	25 Oct (JAC)
Northern Waterthrush	Manitowoc, WI	26 Oct (AH, JHo)
Hooded Warbler	Berrien, MI	14 Oct (m. ob.)
Wilson's Warbler	Manitowoc, WI	26 Oct (AH, JHo)



This adult male Rufous Hummingbird in Berrien Springs, Berrien County, Michigan was present from late August through 29 November 2002. It was originally banded in Louisiana in January 2001 by Nancy Newfield. Photograph by Allen Chartier.



This Swallow-tailed Kite in Oshtemo Township, Kalamazoo County was Michigan's fourth since 1924 and was in the same field as two Mississippi Kites 6-19 (here 7) August 2002. Swallow-taileds were found early in the season as far north as Québec and Minnesota as well. Photograph by Allen Chartier.

unusual fall migrant there.

Summer Tanagers were in *Ozaukee*, WI 2 Oct (JF), *Winona*, MN 16-19 Nov (RMD, RHy et al.), and *Pennington*, MN 5-30 Nov (NH, GM, m. ob.). Furnishing one of Minnesota's few fall records was a Western Tanager in *Cook* 18 Aug (JWL, SL). Wisconsin's 10th Spotted Towhee was in *Dane* 20-22 Oct (p. a., EH). Minnesota had Spotted Towhees in *Otter Tail* 6 Oct (S&DM) and *Nobles* 14

Oct (RBJ). A Lark Sparrow visited W.P.B.O. 5-6 Sep (ph. DL). Only the 2nd Lark Bunting in Wisconsin since 1987 was at *Milwaukee* 29 Sep-5 Oct (SLu, MKo, m. ob.). A plethora of Nelson's Sharp-tailed Sparrows in Minnesota (12 locations) and Wisconsin (*Dane*, *Milwaukee*, *Racine*) did not spill over into Michigan. Casual in Michigan, a Smith's Longspur transited W.P.B.O. 14 Oct (KMo, SM). Record-late for Wisconsin was a Bobolink in *Milwaukee* 9 & 15 Nov (DG). Great-tailed Grackles peaked at 16 in *Jackson*, MN 17 Oct (PEB). Winter finches were conspicuously absent.

### EXOTICS

Recently disclosed but intermittently present since 20 Nov 2000 was a European Goldfinch in *Ramsey*, MN (ph. N&WH).

### ADDENDA

Fall 2001: Arctic/Pacific Loon at W.P.B.O. 16 Oct. Spring 2002: Two Smith's Longspurs in *Outagamie*, WI 16 Mar (DT).

### CORRIGENDA

Spring 2001: For Michigan, change Glossy Ibis in *Berrien* to ibis sp., delete Glossy Ibis in *Huron*, and change date for Arctic Tern at W.P.B.O. to 30 May only. Fall 2001: Delete Rock Wren in *Berrien*, MI. Winter 2001-2002: Delete Northern Gannet in *Wayne*, MI. Spring 2002: Change date for Greater White-fronted Geese in *Columbia*, WI to 13 Mar (not May). For Michigan, change Thayer's Gull 31 May to Iceland/Thayer's, and delete the Iceland Gull.

Cited observers (subregional editors in bold-face): Brad R. Anderson, Philip Ashman, Gordon Atkins, Ryan Atwater, Vern Aune, Karl J. Bardon, David A. Bartkey, John Bates, Scott

Baughman, Ty & Ida Baumann, Tom Beachy, Dan Belter, Murray Berner, Gordon Bielby, Laurence C. Binford, Jerry E. Bonkoski, Walter M. Booth, Rick Brigham, Paul Bruce, Alan W. Bruner, Paul E. Budde, Adam M. Byrne, David A. Cahlander, Steve L. Carlson, Mike Champaign (MCh), Janet Chandler, Allen T. Chartier (Michigan), Philip C. Chu, Louis W. Claeson, Julie A. Craves, Seth Cutright, Paul Cypher, Mary Cypher, Roxanne Davis, Feller DeWitt, Herb H. Dingmann, Jerald Discher, Louis J. Dombroski, Robert M. Dunlap, Don Van Duyse, Kim R. Eckert, Eddy & Judy Edwards, Dave Fallow, Dale & Ruth Fitch, Sean Fitzgerald (SFi), Jim Frank, Chip Francke, Scott Franke, Zachary Gayk, Cory Gregory, James G. Granlund, William N. Grigg, David A. Grosshuesch, Dennis Gustafson, Skye Haas, Karen Etter Hale, Ellen Hansen, Norma Haugen, Mike Hendrickson, Anthony X. Hertzfel, Scott Hickman (SHi), Jim Hoefler, Bryan Holliday, Aaron Holschbach, Jim Holschbach (JHo), Nora & Wayne Hornicek, Ed Houston (EHO), Rick Hoyme (RHy), Matthew K. Hysell, John Idzikowski, Joe Jacyna, Rob and Barb Jamros, Gerry Janz, Robert B. Janssen, Douglas P. Johnson, Robby Johnson, Joe Kaplan, Bob Kelly, Gary Knowlton, Mark Korducki (MKo), Cindy & Vern Krienke, Mary Kubesch, Debra Lauri (DLa), Fred Z. Leshner, James W. Lind, Sharon Lind, Ben Lizdas, Derek Lovitch, Steve Lubahn (SLu), Craig R. Mandel, Carl Manning (CMA), Chester Martin, Dennis & Barbara Martin, James P. Mattsson, Grace Mayta, John McDaniel (JMc), Mike McDowell, Joe Meyers, Sacha Miheidze, Steve & Diane Millard, Dee Miller, Kip Miller, Karlie Moore (KMo), William Mueller, Nancy Navarre, Bridget E. Olson, Evelyn J. Olson, Gary R. Olson, Lynn Ott, Karl Overman, Andy Paulios, Walter G. Pawloski, Jane Pederson, Rick Pedler, Dave Peters, Kurt Petersen, Dan Peterson (DPe), Michael E. Petrucha, Nolan Pope, Niels Rattenborg, Jack Reinoehl, Susan M. Robinson, Wayne S. Rohde (Wisconsin), Robert P. Russell, Steve Santner, Lew Scheller, Dick Schinkel (DSc), Russ G. Schipper, Al Schirmacher, Roger J. Schroeder, Thomas R. Schultz, Robert Seasor, Michael J. Sefton, Darrell Shambaugh (DSH), John Shillinglaw (JSh), Dave Slager, Bob Smidt, Andrew D. Smith, Jerry & Karen Smith, Joe Soehnel, Charles Sontag (CSO), Nancy Sparrow, Bob & Nancy Specht, Mike Sprecht, Sally Stout (SSi), Barbara Stover (BSi), Chris Straight, Peder H. Svingen (Minnesota), Scott Terry, Daryl Tessen, Carol & Hank Tressel, Tom A. Tustison, Tom Uttech, Roni Wagner, Tom Warwa, Thomas R. Wheeler, Myles & Marilyn Willard, Bob Williams, Thomas C. Wood, Jonathan T. Wuepper, Kitt Wulf, and Jerry Ziarno. Our sincere thanks to 347 additional contributors who could not be cited individually. 🐦