UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
Washington, D. C.

April 30, 1938

Bird Migration
Memorandum No. 3

TO ALL BIRD MIGRATION OBSERVERS
OF THE BIOLOGICAL SURVEY

In inaugurating this series of seasonal reports on the migration of North American birds, the Biological Survey believed that, though they would be tedious to prepare and expensive to reproduce, the reports would not only be of interest to the observers who are responsible for the data, but that they also would prove of increasing value for comparative purposes. Many observers have expressed their appreciation of this effort, but nevertheless it seems desirable to request an opinion from all. It is accordingly requested that comment on the value and usefulness of assembling the reports be included with the records for the spring migration of 1938.

The Survey desires to express its appreciation of the cooperation shown by observers in so carefully following the new instructions (Bi-817). Adherence to these not only serves more nearly to standardize the data on the movements of birds but also is proving helpful in many other ways, not the least of which is in the time saved.

Correct identification.--This subject is treated prominently on page 2 of the "Instructions," but it seems desirable to reemphasize its importance. Almost every year observations will be reported for species that have never been recorded in the observer's State. Unless supported by a preserved specimen, such records are usually of no value, as they will not be accepted by scientific men. Accordingly, it is important to know your local list.

The use of correct names also must be stressed. Some observers use the name "pewee" when they mean "phoebe," while the name "brant" is frequently applied to any small goose. The Bureau does not require the use of scientific names or even the English subspecific adjectives, but the use of some local English names serves only to cause confusion. The English names given to birds by the American Ornithologists' Union should be used exclusively.

Honor Roll.--It has been suggested that it would be of interest to publish occasionally an honor roll of observers who have had the longest periods of service. This, the Survey is glad to do and here presents the following observers, listed in the order of seniority, who have reported for 28 years or more:

HONOR ROLL

NAME	PLACE	YEARS SERVICE
More than 60 years:		
Ingersoll, Seymour R.	Ohio, New York, Florida	59
Micklem, H. Martyn	Variety Mills, Va.	59
Jones, Dr. Lynds	Iowa, Ohio	55
Dayton, Francis S.	Illinois, Wisconsin	55
Burns, Franklin Lorenzo	Berwyn, Pa.	53
Wood, Norman A.	Michigan	53
Brimley, Clement Samuel	Raleigh, N. C.	52
Moseley, Edwin Lincoln	Michigan, Ohio	51
Worthington, Woodford Willison	New York	50
35 to 50 years:		
Tindall, Charles W.	Independence, Mo.	48
Colt, Will C.	South Dakota, Saskatchewan, Washington, California	48
Cates, Mrs. Esther W.	Saskatchewan	44
The Fairbanks Museum	St. Johnsbury, Vt.	43
Peabody, P. B.	Kansas, Wisconsin	43
Kopman, H. H.	Louisiana, Mississippi	42
Brockway, Arthur William	Hadlyme, Conn.	41
Hipple, Harry H.	Delaware, Ohio	37
Moore, William Henry	Scotch Lake, New Brunswick	37
Rapp, F. W.	Vicksburg, Mich.	35

HONOR ROLL-Continued

NAME	PLACE	YEARS SERVICE
28 to 35 years:		
Jones, P. L.	Buelah, Colo.	34
Nelson, Mrs. M. E.	Colorado	34
Peabody, Lloyd	Minnesota, California	33
Sweet, Dana W.	Phillips, Maine	33
Johnson, Rev. W. R.	Manitoba	32
Perkins, E. H.	New Hampshire, Rhode Island, Ontario, Maine	32
Preble, A. E.	New Hampshire, Maine, Massachusetts	32
Smith, W. P.	Wells River, Vt.	32
Bigelow, Dr. Frances	Elkhart, Ind.	31
Bruner, S. C.	North Carolina, Cuba	30
McCreary, Otto	New York, Washington, Ohio, Wyoming	30
Larson, Adrian	North Dakota, South Dakota	29
Weston, Francis M.	South Carolina, Florida	29
Beebe, Ralph	Michigan	28
Cavaness, Sallie	Monticello, Ark.	28
Danielson, Edna H.	Minnesota	28
Shryman, Dr. Ferdinand	Concordia, Mo.	28

New Books.--Several new books have appeared that may interest our observers.

The Book of Birds, 2 vols. National Geographic Society, Washington, D. C. (the first work presenting in full color all the major species of the United States and Canada). Price $5.00.

Life Histories of North American Birds of Prey, by A. C. Bent. Bulletin 167, United States National Museum, 409 pages (dealing with vultures and hawks). Superintendent of Documents, Washington, D. C. Price 70 cents.

Bird Migration, by A. Landsborough Thomson, H. F. & G. Witherby, London (a short account of the general features and theories of migration). Price 5 shillings.

Birds of America, Doubleday, Doran & Co., New York, 289 pages (a reprint in one volume of the three volumes published nineteen years ago.) Price $3.95.

Another work that will interest all migration observers is now in press. The title is "The Log of Tanager Hill," and its author is Mrs. Marie A. Commons (now Mrs. B. F. Myers), for several years the operator of a productive banding station on the shores of Lake Minnetonka, Minn. It will be issued during the summer by the Waverly Press of Baltimore, Md., and advance information indicates that it will sell for $2.50 a copy.

Letter from Barrow, Alaska.--An interesting letter was received from Chas. D. Brower, of Barrow, Alaska, on January 11, 1937, containing some valuable data on the spring and fall migration for 1936. As this information could not be included in the tables, we are giving some interesting quotations from the letter.

"The first birds to arrive were the Snow Buntings on April 14. They started laying about June 6 and by the 12th there were full sets of eggs. One nest near the station was well under incubation on June 20, which was early for them.

"The next arrivals were the King Eider on April 26, and both the King and Pacific Eider on May 19. The males of each species started returning from their nesting grounds east of Barrow about July 10. The females and young all came together from the middle to the last of August and well into September. Steller's Eider and the Spectacled Eider were seen the last part of May, Steller's coming in overland and the Spectacled along the coast. They were nesting by June 20, with a few clutches of eggs on June 25. Downy young of both species were collected July 29. The male Spectacled Eider leaves almost as soon as the eggs are laid, while the male Stellers stay a little longer, moving on south to moult. The female Spectacled Eider as a general thing does not come to the coast but leaves for the south from wherever it is nesting.

"Glaucous and Ivory Gulls were seen May 19, the former staying all summer and nesting commonly. Old Squaws came north about the middle of May and started nesting the latter part of June. Downy young were taken July 25. White-fronted Geese were first reported inland along the rivers on May 20 and by May 25 they were coming down the rivers in large numbers, all arriving by June 4. One set of eggs that was slightly incubated was taken June 27.

"Black Brant were reported May 20. A set of five eggs was collected on June 25. By the middle of July most of the young were hatched but several downy young were taken July 28. From August 25 to September 10 the old and young were on their way south.

"Three species of Jaegers arrived June 10, the Pomarine being most abundant. The Long-tailed is most plentiful near the foothills. This species and the Parasitic nest farther inland.

"A Pectoral Sandpiper was seen June 2. For several days afterward Red-backed, Buff-breasted, Semipalmated, and Baird's Sandpipers were coming, not in large flocks, but they seemed to be everywhere. Some downy specimens of Pectoral, Red-backed and Baird's were taken on July 10 and 11.

"Golden and Black-bellied Plover were seen June 1. Sets of eggs were observed from June 16 until August 1 when a downy specimen was found. By August 20 young and old were collecting in flocks. The Golden first disappeared August 25 and the Black-bellied followed a little later.

"Red Phalarope arrived with the other shorebirds, nested abundantly and the young that were on the wing by the first of August collected with the adults in large flocks and were leaving here, far off shore, early in September.

"A number of Long-billed Dowitchers and Pacific Godwits were seen early in June and a number of each in their first juvenile plumage were collected August 12 and 17.

"Two Knots were taken on June 2 and an adult with four downy young was collected east of Barrow. This is the first record of breeding near here. One Killdeer was collected on June 11, which is also a first record for this region."

Climatic Conditions - Spring, 1937

Atlantic Flyway.--Over much of this flyway spring advanced slowly. In Florida the summer-like weather of January was followed by unusual cold with torrential rains in April and May. In the Washington, D. C. section, a cold blustery period in March was followed by moderately cool and pleasant weather in April and May. Similar conditions during the early part of the season prevailed all along this flyway as far north as Boston, where the temperatures were generally below normal with spring migration backward. This period was followed by warm and pleasant days with a great wave of steady migration as the birds pushed rapidly toward their nesting grounds.

Mississippi Flyway.--Low temperatures prevailed throughout the Mississippi Valley, and precipitation was abundant from March through May. Missouri, Indiana, Illinois, Michigan, and Wisconsin had an unusually wet April. Exceptionally cold weather in March and April delayed the birds in Wisconsin and in Minnesota. Mr. E. D. Swedenborg wrote that: "The most backward season since we began keeping records seems at last (April 12) to have come to an end."

Central Flyway.--From early March through April, precipitation was below normal in this flyway. A belt extending from eastern New Mexico and western Texas northward into Canada had very little rain until the latter part of May, and by the middle of that month severe drought prevailed over most of this area. Beginning the last week in May and extending through the first two weeks of June, heavy rains occurred over nearly the entire belt, breaking the drought at least temporarily.

In the lower Rio Grande Valley, because of the "humdrum" dry weather, many of the first migrants passed through unnoticed. April was dry and hot and was followed by heavy rains in May, so that rainfall for that month was considerably above the average.

Pacific Flyway.--In general, the temperature in this flyway was above normal, as was also the precipitation from March until May. California had more rain during the first six months of 1937 than in any year for more than a decade. Mild weather prevailed throughout that state during May, which was generally cool and humid. In Oregon, March was warmer than usual. Spring rains continued intermittently during the last half of April so that, although the early migrants appeared on schedule, nesting activities were somewhat delayed. Fine weather prevailed during the latter part of May, but the first half of June was unusually rainy. Washington, during April, had more than twice the normal amount of rainfall.

Explanation of Tables.--It will be noted that many spaces have been left entirely blank, while others have had first or last dates omitted. Some observers will recall sending in such data and may wonder why they were not used. The omission was not made because of any error in the records themselves, but merely because they did not fit in a table that is necessarily made on a continental scale. For example, a species may be a permanent resident in the greater part of a State, but only a winter or summer resident where the observer makes his observations. Inclusion of his migration date for such a species - from the viewpoint of the State in general - would be confusing. While such records are valuable and have their place in a more detailed study, they cannot be used in this type of analysis. Exceptions are of course inevitable as, for example, some of the mountainous States of the West where a species may winter on the plains and merely move into the mountains to nest, performing what is known as a "vertical migration."

Key to the Atlantic Flyway

West Indies

(1) S. C. Bruner, Habana, Cuba
*(2) S. T. Danforth, Mayaguez, P. R.

Florida

(1) R. C. Hallman, Bay County
(2) S. R. Ingersoll, New Smyrna
(3) Francis M. Weston, Pensacola
(4) R. J. Longstreet, Daytona Beach
(5) Theo. R. Standley, Fort Myers
(6) Lester W. Smith, Sarasota
(7) Mrs. C. W. Melcher, Homosassa Springs
(8) Mrs. Mary D. Dise, Fort George

Georgia

(1) Mrs. Anna S. Bassett, Chatham County
(2) Mrs. Lewis H. Mounts, Macon

South Carolina

(1) Gabriel Cannon, Spartanburg
(2) F. W. Hahn, Jr., Greenwood
(3) W. L. Hamnett, Walhalla

North Carolina

(1) Marion A. Boggs, Waynesville
(2) C. S. Brimley, Raleigh
(3) J. D. Biggs, Washington
(4) Kate Overton, Hamlet

Virginia

(1) H. Martyn Micklem, Variety Mills
(2) Bertha Daniel, Naruna
(3) M. G. Lewis, Salem
(4) Florence Hague and Martha Clark, Sweet Briar

West Virginia

M. J. Dickinson, Bluefield

* Professor Danforth was traveling in the Lesser Antilles during the migration period and the records shown on the following table are mostly from the Grenadines and Grenada.

Maryland

(1) Robert Overing, Landover
(2) J. C. Turner, Cumberland
(3) E. A. McGinity, Baltimore

Pennsylvania

(1) Dr. Harold B. Wood, Harrisburg
(2) Clara L. Hershey, Harrisburg
(3) George MacReynolds. Doylestown
(4) Frank L. Burns, Berwyn
(5) Grace A. Morris, Eagle Rock
(6) Randall Webster, Brookville
(7) Fred Schunk, Scranton
(8) Lottie C. Buck, Ulysses
(9) Ralph O'Reilly, Jr., Erie
(10) R. J. Middleton, Jeffersonville
(11) L. F. Savage, McKeesport

New Jersey

(1) Mrs. Rea Hance, Long Valley
(2) George S. Yerbury, Passaic
(3) A. T. Barnes, Netherwood
(4) R. D. Connor, Livingston
(5) R. T. Clausen, Clifton

New York

(1) R. E. Horsey, Rochester
(2) Agnes Blowers, Morrisville
(3) R. T. Clausen, Ithaca
(4) Mrs. Florence Smith, Cincinnatus
(5) Alvin W. Stewart, Walton
(6) Matie Jones, West Coxsackie
(7) Mrs. J. A. Common, Watertown
(8) Mrs. Samuel J. Neff, Port Leyden
(9) Mrs. John McDonald, Corinth
(10) S. R. Ingersoll, Ballston Spa

Connecticut

(1) Arthur W. Brockway, Hadlyme
(2) Aretas A. Saunders, Fairfield

Rhode Island

Harry S. Hathaway, Charlestown

Massachusetts

(1) A. E. Preble, Wakefield
(2) Viola E. Crittenden, Beverly
(3) R. I. Giles, Marlboro
(4) G. H. Seeley, Stockbridge
(5) Fannie A. Stebbins, Springfield
(6) L. R. Talbot, South Lincoln
(7) Harriet N. Farr, Bernardston
(8) Ethel M. Smith, Amherst

Vermont

(1) Anna S. Reynolds, Burlington
(2) W. P. Smith, Wells River
(3) The Fairbanks Museum, St. Johnsbury

New Hampshire

(1) F. B. White, Concord
(2) A. F. King, Bedford
(3) A. E. Preble, Ossipee
(4) E. C. Weeks, Sanbornton
(5) Mrs. E. E. Pratt, Water Village, Ossipee
(6) Mrs. Rachel E. Caughey, Antrim

Maine

(1) Aaron Marden, Eagle Island, South Harpswell
(2) Mrs. Evadel M. Pitman, South Portland
(3) Daniel M. French, Livermore Falls and Bath
(4) Wesley Perkins, Waterville and Unity

Quebec

William LaBrie, Kamouraska

Species	West Indies	Florida	Georgia	South Carolina	North Carolina	Virginia	West Virginia	Maryland	Pennsylvania	New Jersey	New York	Connecticut	Rhode Island	Massachusetts	Vermont	New Hampshire	Maine	Quebec
Common Loon		L.May 23 (3)			L.May 16 (2)				F.Apr. 22 (5)		F.Mar.14 (1) L.May 9 (1)	L. May 28 (2)	1/	F.Apr. 19 (5) L.May 29 (6)		F.Apr. 20 (1) L.Apr. 30 (1)	F.May 1 (4)	
Horned Grebe		L.Apr.2 (5)							F.Apr. 17 (1)		F.Apr. 18 (1) L.May ? (1)	L.Apr. 20 (2)					F.Feb. 27 (2)	
Pied-billed Grebe		L.Apr. 11 (3)				F.Mar. 21 (4) L.Apr. 19 (4)					F. Apr. 11 (1)	F.Apr. 10 (2) L.May 8 (2)		F. Apr. 23 (5) L. May 2 (5)			F. Apr. 5 (4)	
Double-crested Cormorant			L.Apr. 5 (1)									F.Apr. 30 (2)		F. Mar. 3 (6) L.May 25 (6)				
Great Blue Heron						F. Mar.22 (4)		1/ F.Mar. 8 (1)	F.Apr. 3 (2)		F.Apr. 4 (1)	F.Apr. 4 (2) L.May 27 (2)		F.Apr.4 (1)	F.Apr. 18 (3)	F.Apr. 16 (1)	F.Apr. 2 (1)	F. May 6
Eastern Green Heron			F.Apr. 9 (1)			F.Apr. 6 (2)	F. May 18	2/ F.Apr. 3 (3)	F.Apr. 1 (11)		F.Apr. 20 (5)	F.Apr. 23 (2)		F.May 1 (4) 1/	F.May 13 (2)	F.May 22 (1)		
Black-crowned Night Heron									F.Apr. 8 (2)		F.Apr. 5 (3)	F. Apr. 1 (2)		F. Apr.11 (6)	2/ F.May 13 (2)			
American Bittern								F.May 8 (3)	F.Apr. 24 (2)		F.Apr. 23 (8)			F.Apr. 18 (6)	F.May 2 (2)	F.Apr. 19 (1)	F.May 1 (2)	F. Apr. 20
Common Canada Goose				L.Mar. 12 (2)					F.Mar.12(1,8)	F.Apr. 13 (2)	F.Feb. 19 (7) L.Apr. 15 (2)	F. Mar.19 (1)		F.Mar. 7 (3) L.Apr.30 (1)	F.Mar. 30 (3) L.Apr. 16 (2)	F.Apr. 9 (5)	F.Feb. 20 (1) L.Apr. 30 (4)	
Common Mallard								1/ L.Apr. 6 (1)	F.Feb. 18 (1)				2/					
Common Black Duck								1/ L.Apr. 6 (1)	L.Apr. 14 (1)						F.Apr. 9 (2)		F.Apr. 5 (4)	
Gadwall											F.Apr. 11 (1) L.Apr. 17 (1)							
Baldpate									F.Mar. 12 (1) L.May 12 (1)		F.Mar. 7 (1) L.May 2 (3)	F.Apr. 3 (2) L.Apr. 10 (2)		F.Mar. 31 (5)				
American Pintail								1/ L.Apr. 6 (1)	F.Mar. 6 (2) L.Apr. 24 (2)		L.May 9 (7)	F.Mar. 21 (2)						
Green-winged Teal											F.Apr. 12 (4)			F.Apr. 1 (5) L.Apr. 4 (5)				F. May 6
Blue-winged Teal	1/ L.Mar. 29 (2)	L.Apr. 3 (5)	L.Apr.24 (2)	L.Mar. 29 (3)					F.Apr. 17 (2)		F.Apr. 7 (1)	F.May 4 (2)		F.Apr. 3 (4)				
Shoveller											F.Apr. 7 (3)	F.Apr. 10 (2)						
Wood Duck								1/ F.Mar. 8 (1)	F.Mar. 25 (1)	F.Apr. 3 (5)	F.Apr. 4 (1)	F.Mar. 6 (?)		F.Mar. 23 (4)				
Redhead								1/ L.Apr. 6 (1)			L.Mar. 22 (1)							
Ring-necked Duck		L.Mar. 13 (3)				F.Mar. 21 (4) L.Mar. 29 (4)					F.Feb. 22 (3) L.May 9 (1)			F.Mar. 22 (5)				
Canvas-back		L.Feb. 22 (3)						1/ L.Mar. 30 (1)	F.Feb. 20 (9)		L.Apr. 7 (1)			F.Mar. 25 (5) L.Apr. 12 (5)				
Greater Scaup Duck											L.May 9 (1)		L. Apr. 11					
Lesser Scaup Duck		L.May 16 (3)	L.Apr. 5 (1)					1/ L.Apr. 6 (1)	L.Apr. 17 (1)		L.May 29 (1)	L.Apr. 17 (2)						
American Golden-eye									F.Mar. 6 (2)		L.Apr. 18 (1)	L.Apr. 18 (2)		L.Mar. 23 (5)	F.Feb. 13 (2) L.Feb. 15 (2)		L.Mar. 7 (4)	F. Apr. 14
Bufflehead		L.Mar. 14 (3)							F.Mar. 23 (6) L.Apr. 20 (1)		F.Mar. 14 (3) L.May 9 (3)	L.Apr. 28 (2)						
Old-Squaw											L.Apr. 18 (3)	L.May 22 (2)						
White-winged Scoter											L.Apr. 18 (3)	L.May 15 (2)						
Ruddy Duck											L.May 2 (3)							
Hooded Merganser		L.Apr. 4 (3)							F.Apr. 14 (6) L.Apr. 16 (6)		F.Apr. 25 (10) L.May 2 (3)	F.Mar. 20 (2) L.Apr. 10 (?)		F.Mar. 22 (5) L.Apr. 16 (5)				

1/ Mustique, Grenadines, B. W. I.

1/ Potomac R. Bird Refuge
2/ Magothy R.

1/ Newburyport
2/ Wilmington

1/ Barnet
2/ Molndoe

Species	West Indies	Florida	Georgia	South Carolina	North Carolina	Virginia	West Virginia	Maryland	Pennsylvania	New Jersey	New York	Connecticut	Rhode Island	Massachusetts	Vermont	New Hampshire	Maine	Quebec
American Merganser								1/ L.Mar. 6 (1)	L.Apr. 1 (2)		L.Apr. 24 (1)	L.Apr. 18 (2)		L.Apr. 23 (5)				
Red-breasted Merganser		L.June 13 (1)	1/ L.May 7 (1)						L.Apr. 10 (2)		L.May 9 (1)	L.Apr. 3 (2)						
Turkey Vulture									F.Feb. 24(10)	F.Mar. 12 (1)	F.May 2 (1)							
Eastern Goshawk											F.Feb. 22 (7)							
Sharp-shinned Hawk		L.Mar. 29 (5)							F.Apr. 7 (7)		F.Apr. 4 (1)	F.Apr. 24 (2)		F.Apr. 7 (3)	F.Apr. 3 (2)		F.Apr. 26 (3)	
Cooper's Hawk		L.Apr. 1 (5)							F.Apr. 1 (6)		F.Mar. 20 (7)	L.Apr. 3 (2)		F.Mar. 30 (3)	F.Apr. 7 (2)		F.May 4 (4)	
Eastern Red-tailed Hawk						F.Mar. 2 (4)			L.May 11 (11)		F.Mar. 15 (5)			F.Mar. 28 (3)	F.Apr. 13 (2)		F.Apr. 1 (3)	
Red-shouldered Hawk											F.Apr. 1 (1)			F.Mar. 24 (4)	F.Apr. 6 (2)	F.Mar. 20 (1)	F.Apr. 17 (4)	
Broad-winged Hawk			F.Apr. 17 (2)						F.Apr. 22 (4)		F.Apr. 24 (1) L.May 2 (1)	L.May 5 (2)		F.Mar. 31 (4)	F.Apr. 26 (2)	F.May 21 (1)		
American Rough-legged Hawk											L.Mar. 14 (3)					F.Jan. 4 (5)		
Marsh Hawk		L.Apr. 26 (5)	L.Apr. 26 (1)		L.Mar. 27 (2)	F.Feb. 23 (2)			F.Mar. 27 (5)		F.Mar. 15 (7)			F.Feb. 15 (4)	F.Apr. 10 (2)	F.May 7 (5)	F.Apr. 1 (1)	
Osprey	L.Apr. 18 (1)								F.Apr. 4 (10)		F.Apr. 15 (10)	F.Mar. 28 (2)		F.Mar. 28 (3)	F.Apr. 20 (2)	F.Apr. 14 (1)	F.Apr. 7 (1)	
Duck Hawk		L.Apr. 11 (4)									F.Feb. 28 (3)			F.Feb. 22 (4)				F. Apr. 6
Eastern Pigeon Hawk		L.Apr. 16 (3)							F.Apr. 4 (3)		F.Apr. 21 (7)			F. Apr.19 (8)			F.Apr. 30 (3)	
Eastern Sparrow Hawk									F.Mar. 17 (5)		F.Apr. 5 (5)			F.Apr. 3 (8)	F.Apr. 7 (3)		F.Apr. 15 (4)	
Virginia Rail									F.Apr. 22 (1)		F.May 26 (1)							
Sora		L.May 2 (1)									F.Apr. 25 (3)							
Florida Gallinule									F.May 8 (2)		F.May 2 (1,3)							
American Coot		L.May 6 (5)							F.Feb. 21 (1)		F.Feb. 28 (3)	L.Apr. 3 (2)						
Semipalmated Plover	1/ L.May 5 (2)	L.May 30 (5)							F.May 11 (2)			F.May 15 (2)	L. June 19					
Killdeer				F.Feb. 12 (3)		F.Feb. 9 (4)			F.Feb.19 (10)	F. Mar. 20(1)	F.Mar. 7 (3)	F.Mar. 19 (2)		F.Mar. 24 (4)		F.Apr. 14 (1)	F.Apr. 14 (4)	
Black-bellied Plover	2/ L.Apr. 16 (2)	F.Mar. 14 (1) L.June 20 (1)	L.May 23 (1)									F.May 8 (2) L.June 5 (2)	L. June 19				1/ L.May 26 (3)	
Ruddy Turnstone	1/ L.May 5 (2)	F.Apr. 16 (1) L.June 13 (1)	L.Mar. 23 (1)									F.May 8 (2) L.June 5 (2)	L. June 4				1/ L.May 26 (3)	
American Woodcock		L.Mar. 27 (5)							F.Mar.24 (10)	F.Mar. 17 (1)		F.Feb. 17 (1)			F.Apr. 8 (2)	F.Apr. 14 (5)	F.Apr. 3 (1)	
Wilson's Snipe		L.Mar. 20 (6)	L.Apr. 10 (2)			F.Mar. 23 (4)			F.Mar.26 (10)		F.Apr. 14 (1)			F.Apr. 17 (6)	F.Apr. 13 (2)			
Upland Plover		F.Mar. 19 (3) L.Apr. 18 (3)	F.Apr. 11 (2)						F.Apr. 24 (2)		F.May 4 (10)			F.Apr. 19 (8)		F.Apr. 30 (1)		
Spotted Sandpiper	1/ L.May 10 (2)	L.May 15 (3)	F.Apr. 17 (2) L.May 8 (1)	F.Apr. 30 (3)		F.Apr. 26 (2)	F. Apr. 28		F.Apr. 17 (1)		F.Apr. 18 (1)	F.May 2 (2)		F.Apr. 30 (3)	F.May 7 (2)		F.May 6 (1)	
Eastern Solitary Sandpiper	F.Apr. 6 (1)	F.Feb. 28 (3) L.May 20 (5)	F.Apr. 11 (2) L.May 1 (2)		F.May 7 (2) L.May 20 (2)	F.May 4 (4)			F.Apr. 22 (1)		F.Apr. 30 (4)	F.May 9 (2) L.May 22 (2)		F.May 9 (6) L.May 18 (5)	F.May 13 (2)	F.May 21 (1)		
Eastern Willett	2/ L.Apr. 16 (2)	F.Feb. 18 (5)																

1/Grenada
2/Grenadines

1/Belfast, Bryan Co.

1/Potomac R. Bird Refuge

1/Popham Beach

Species	West Indies	Florida	Georgia	South Carolina	North Carolina	Virginia	West Virginia	Maryland	Pennsylvania	New Jersey	New York	Connecticut	Rhode Island	Massachusetts	Vermont	New Hampshire	Maine	Quebec
Greater Yellowlegs	1/ L.Apr. 12 (2)	L.May 14 (5)			L.May 16 (2)				F.Apr. 22 (1)		F.Apr. 14 (1) L.May 9 (7)	F.Apr. 21 (2) L.June 4 (2)	L. June 17	F.May 6 (8)			F.May 5 (3)	F. May 13
Lesser Yellowlegs	1/ L.Apr. 12 (2)	L.May 2 (5)	L.May 24 (2)									L.May 21 (2)						
American Knot	L.May 27 (4)											L.May 31 (2)	L. June 12	1/ F.Apr. 17 (6)				
Pectoral Sandpiper	F.Mar. 21 (3) L.Apr. 11 (3)																	
White-rumped Sandpiper													L. June 4	2/ L.May 29 (6)				
Least Sandpiper	2/ L.May 5 (2)				F.May 18 (2) L.May 20 (2)				F.Apr. 24 (11)		F.May 9 (1)	F.May 9 (2) L.June 5 (2)	L. June 21	F.May 21 (4)				
Red-backed Sandpiper		F.Apr. 11 (5) L.May 23 (1)	L.Apr. 6 (1)						F.May 17 (1)			F.May 15 (2) L.May 31 (2)	L. June 6	2/ F.May 22 (6)				
Eastern Dowitcher		F.Apr. 11 (5) L.May 23 (1)										F.May 19 (2) L.May 22 (2)	L. June 5				1/ L.May 26 (3)	
Semipalmated Sandpiper		F.Mar. 23 (1)			F.May 18 (2)				F.May 17 (1)			F.May 15 (2) L.June 10 (2)						
Sanderling		L.May 23(1,3)										F.May 19 (2) L.June 4 (2)					1/ L.May 26 (3)	
Herring Gull		L.May 24 (4)						1/ L.May 7 (1)	L.Apr. 24 (2)		L.Apr. 18 (3)							
Ring-billed Gull		L.May 9 (3)		L.Apr. 3 (2)							L.May 9 (1)							
Laughing Gull												F.Apr. 18 (2)					1/ F.May 10 (3)	
Bonaparte's Gull		L.May 8 (3)							L.May 11 (1)		F.Apr. 11 (1) L.Apr. 25 (1)							
Common Tern											F.May 3 (7)	F.May 10 (2) L.June 2 (2)					F.May 9 (1)	
Roseate Tern												F.May 22 (2) L.June 3 (2)						
Least Tern		F.Apr.18(1,3)																
Black Tern											F.May 12 (7)							
Eastern Mourning Dove							F. Mar. 7	F.Apr. 3 (1)	F.Mar. 3 (3)	F.Mar. 23 (4)	1/ F.Mar. 14 (3)	F.Mar. 13 (2)		F.Apr. 3 (5)	F.Apr. 4 (2)	F.Apr. 21 (1)	F.Apr. 24 (1)	
Yellow-billed Cuckoo	F.May 6 (1)	F.Apr. 11 (3)	1/ F.Apr. 18 (1)	F.May 12 (3)	F.May 15 (2)	F.May 4 (2)		F.May 6 (1)	F.May 5 (10)	F.May 3 (2)	F.May 18 (5)	F.May 14 (2)		F.May 3 (3)		F.May 22 (2)		
Black-billed Cuckoo		F.Apr. 24 (5)	F.May 1 (2)			F.May 19 (4)			F.May 6 (7)	F.May 4 (2)	F.May 15 (2)	F.May 11 (1)		F.May 2 (3)	F.May 14 (2)	F.May 24 (5)	F.May 31 (2)	
Eastern Whip-poor-will		F.Apr. 1 (5)	2/ F.Mar. 18 (1)	F.Apr. 16 (3)	F.Apr. 1 (2)	F.Apr. 18 (1)		F.Apr. 20 (1)	F.May 7 (2)	F.May 4 (4)	F.May 4 (1)	1/ F.Apr. 29 (2)		F.May 4 (1)	F.May 9 (2)	F.May 4 (6)		
Eastern Nighthawk	F.Apr. 4 (1)	F.Apr. 11 (5)	F.Apr. 16 (1)	F.May 8 (1)				F.May 12 (1)	F.May 11 (1)		F.May 13 (7)	F.May 14 (1)		F.May 3 (6)	F.May 18 (3)	F.May 18 (1)	F.May 1 (1)	
Chimney Swift		F.Mar. 25 (3)	F.Apr. 5 (1)	F.Apr. 3 (1)	F.Apr. 18 (2)	F.Apr.14(2,4)		F.Apr. 22 (1)	F.Apr. 21 (1)	F.May 1 (4)	F.Apr. 29 (3,10)	F.Apr. 21 (2)		F.Apr. 29 (6)	F.May 4 (3)	F.May 4 (6)	F.May 5(3,4)	
Ruby-throated Hummingbird	F.Apr. 4 (1)	F.Mar. 2 (2)	F.Apr. 26 (1)	F.Apr. 20 (3)	F.Apr. 18 (1)	F.Apr. 18 (2)	F. Apr. 18	F.May 8 (3)	F.May 16 (1,5,11)	F.May 20 (1)	F.May 15 (4)	F.May 15 (2)		F.May 1 (3)	F.May 12 (2)	F.May 14 (6)	2/ F.May 17 (3)	
Eastern Belted Kingfisher	L.Apr. 4 (1)	L.Apr. 10 (5)		F.Apr. 3 (3)		F.Mar. 21 (2)		F.Apr. 6 (1)	F.Mar. 19 (5)	F.Apr. 10 (2)	F.Apr. 1 (1)	F.Mar. 20 (2)		F.Mar. 5 (5)	F.Apr. 18 (2)	F.Apr. 18 (1)	F.Apr. 14 (4)	
Northern Flicker							F.Mar. 30	F.Mar. 22 (1)	F.Apr. 4 (11)	F.Apr. 1 (2)	F.Mar. 23 (1)	F.Mar. 29 (2)	1/ F. Mar. 18	F.Mar. 30 (2)	F.Apr. 15 (2)	F.Mar. 31 (2)	F.Apr. 7 (1)	
Red-headed Woodpecker								F.May 5 (1)	F.Apr. 3 (5)		F.May 11 (1)							
Yellow-bellied Sapsucker		L.Apr. 9 (3)		L.Apr. 19 (1)	L.Mar. 31 (2)	L.Apr. 19 (4)			F.Apr. 4 (11)	F.Apr. 20 (2)	F.Apr. 11 (1)	F.Apr. 18 (2)		F.Apr. 17 (4,6)	F.Apr. 13 (2)			

1/Grenadines
2/Grenada

1/Yellow Bluff, Liberty Co.
2/Belfast, Bryan Co.

1/Anacostia R.

1/Aurora

1/New Haven

1/Cranston

1/Ipswich
2/Newburyport

1/Popham Beach
2/Bath

Species	West Indies	Florida	Georgia	South Carolina	North Carolina	Virginia	West Virginia	Maryland	Pennsylvania	New Jersey	New York	Connecticut	Rhode Island	Massachusetts	Vermont	New Hampshire	Maine	Quebec
Eastern Kingbird		F.Mar. 28 (5)	F.Apr. 3 (2)	F.Mar. 18 (3)		F.Apr. 19 (2)	F. May 7	F.May 1 (1,3)	F.May 8 (2)	F.May 1 (1)	F.May 9 (1,3,7,10)	F.May 5 (2)		1/ F.May 5 (1,4, 6)	F.May 10 (2)	F.Apr. 16 (6)	F.May 15 (1)	F. May 23
Gray Kingbird	F.Apr. 1 (1)	F.Mar. 24 (5)																
Crested Flycatcher		F.Mar. 21 (8)	F.Apr. 16 (1)	F.Apr. 19 (1)		F.Apr. 26 (4)	F. May 17	F.May 4 (1)	F.Apr. 30 (4)	F.May 3 (4)	F.May 4 (2)	F.May 6 (2)		F.May 5 (3)	F.May 5 (1)	F.May 28 (5)	1/ F.June 13 (4)	
Eastern Phoebe		L.Apr. 11 (3)	1/ L.Mar. 21 (1)	F.Mar. 5 (3)		F.Mar. 26 (2)	F. Mar. 30	F.Mar. 20 (1)	F.Mar. 24 (5,10,11)	F.Mar. 21 (1)	F.Apr. 1 (1)	F.Mar. 21 (2)	1/ F. Apr. 13	F.Apr. 2 (4)	F.Apr., 8 (2,3	F.Apr. 3 (1)	F.Apr. 8 (1)	
Yellow-bellied Flycatcher		F.Mar. 20 (8)							F.May 21 (11)		F.May 26 (1)	F.May 16 (2) L.May 20 (2)		F.May 23 (8)	F.May 27 (2) L.May 28 (2)			
Acadian Flycatcher		F.Apr. 25 (3)	F.Apr. 17 (2)	F.Apr. 26 (1)	F.May 1 (2)	F.May 8 (2)					F.May 23 (1)							
Alder Flycatcher									F.May 2 (11)		F.May 9 (1)			F.May 24 (4)	F.May 25 (2)			
Least Flycatcher		F.Apr. 6 (5) L.May 9 (5)			F.Apr. 28 (1)		F. Apr. 18		F.Apr. 20 (11)	F.May 4 (1)	F.May 4 (5)	F.May 5 (2)		F.May 3 (3,8)	F.May 5 (1)	F.May 5 (1,2)	F.May 5 (3)	
Eastern Wood Pewee		F.Apr. 1 (5) L.Apr. 23 (5)	F.Apr. 16 (2)	F.Apr. 20 (3)	F.Apr. 19 (2)	F.May 4 (4)		F.May 3 (1)	F.May 8(7,11)	F.Apr. 11 (4)	F.May 13 (5)	F.May 12 (2)		F.May 10 (3)	F.May 20(1,2)	F.May 20 (1)	2/ F.May 21 (3)	
Olive-sided Flycatcher		F.Mar. 31 (5)													F.May 20 (2)		2/ F.May 22 (3)	
Tree Swallow	L.Apr. 11 (1)	L.May 2 (1)	1/ L.May 13 (1)		L.May 18 (2)	F.Apr. 15 (2) L.May 6 (2)			F.Apr. 19 (7)	F.Apr. 29 (2)	F.Apr.13(8,9)	F.Mar. 27 (2) L.May 18 (2)	F. Apr. 8	F.Apr. 14 (2, 3)	F.Apr. 13 (2)	F.Apr. 4 (1)	F.Apr. 13 (4)	
Bank Swallow	1/ L.Apr. 17 (2)	F.Apr. 8 (5)	F.May 2 (2)					F.May 8 (3)	F.Apr. 18 (3)		F.Apr. 25 (1)	F.May 8 (2)		F.Apr. 18 (4)	F.May 2 (3)	F.May 23 (5)	F.May 4 (4)	
Rough-winged Swallow		F.Mar. 19 (3)	F.Apr. 10 (2)	F.Apr. 10 (3)	F.Mar. 27 (2)	F.Apr. 13 (4)		F.May 2 (1)	F.Apr. 18 (11)		F.Apr. 24 (1)	F.Apr. 16 (2)		F.May 2 (6)	F.May 15 (2)			
Barn Swallow	2/ F.Mar. 5 (2) L.May 6 (2) 3/	F.Apr. 2 (3) L.May 30 (5)	F.Mar. 27 (1) L.May 7 (1)	F.Apr. 3 (3)		F.Apr. 8 (3)	F. Apr. 28	F.Apr. 10 (3)	F.Apr. 11 (3)	F.Apr. 10 (3)	F.Apr. 17 (1)	F.Apr. 11 (2)		F.Apr. 18 (3,4,6)	F.Apr. 21 (3)	F.Apr. 18 (1)	F.Apr. 30 (3)	
Northern Cliff Swallow									F.Apr. 19 (6)		F.Apr. 30 (5)	L.May 16 (2)		F.Apr. 22 (8)	F.May 4 (2)	F.May 5 (4)	F.May 15 (4)	
Purple Martin		F.Feb. 5 (3)	F.Mar. 23 (1)			F.Apr. 16 (4)		F.Apr. 24 (3)	F.Apr.5(6,11)		F.Apr. 18 (1)	F.May 15 (1)		F.May 1 (8)	F.Apr. 29(1)		F.Apr. 18 (1)	F. May 6
Eastern House Wren		L.Apr. 18(1,3	L.May 1 (2)			F.Mar. 18 (3)	F. Apr. 20	F.Apr. 23 (1)	F.Apr. 24 (11)	F.Apr. 19 (4)	F.Apr. 24 (9)	F.Apr. 27 (2)		F.Apr. 22 (4)	F.Apr. 25 (2)		F.May 6 (3)	
Eastern Winter Wren					L.Mar. 31 (2)	L.Mar. 27 (2)			L.Apr. 28 (6)		L.Apr. 14 (2)	L.Mar. 6 (2)			F.Apr. 13 (2)	1/ F.May 23 (3)		
Bewick's Wren						F.Mar. 21 (2)												
Long-billed Marsh Wren									F.Apr. 17 (2)		F.May 8 (1)	F.May 15 (2)		F.May 18 (5)				
Short-billed Marsh Wren		L.May 16 (1)							F.May 10 (11)		F.May 9 (1)			F.May 2 (3)			2/ F.May 21 (3)	
Catbird	L.Apr. 19 (1)	L.May 6 (5)	1/ L.Apr. 26 (1)	F.Apr. 16 (3)	F.Apr.23(1,2)	F.Apr. 14 (3)	F. Apr. 18	F.Apr. 26 (1)	F.May 1(1,11)	F.May 1 (1)	F.Apr.12 (10)	F.May 1 (2)		F.May 1(3,5)	F.May 10 (2)	F.May 4 (2)	F.May 17 (2)	
Brown Thrasher				F.Mar. 21 (3)		F.Mar. 24 (2)	F. Apr. 6	F.Apr. 14 (1)	F.Apr. 16 (1)	F.Apr. 19 (2)	F.Apr. 18 (7)	F.Apr. 23 (2)		F.Apr. 30 (3)	F.May 15 (2)	F.May 9 (4)	F.May 16 (2)	
Eastern Robin		L.Mar. 31 (3)	L.Apr.10(1,2)			F.Feb. 28 (1)	F. Feb. 12	F.Feb. 13 (1)	F.Feb.21 (11)	F.Feb. 14 (1)	F.Mar. 8 (1)	F.Mar. 3 (2)	1/ F. Mar. 28	F.Mar. 11 (4)	F.Mar. 31 (2)	F.Mar. 31 (6)	F.Mar. 17 (2)	F. Apr. 9
Wood Thrush		F.Mar. 24 (3)		F.Apr. 12 (1)	F.Apr. 19 (1)	F.Apr. 20 (2)	F. Apr. 26	F.May 1 (1)	F.Apr.25 (11)	F.May 3(1,2, 3)	F.May 4 (1)	F.May 3 (2)		F.Apr. 29 (8)		F.May 10 (6)	F.May 24 (2)	
Eastern Hermit Thrush		L.Apr.11 (1,3	L.Apr. 10 (2)			F.Mar. 13 (2) L.Apr. 24 (2)			F.Mar. 25 (1) L.May 13 (11)	F.Mar. 20 (2)	F.Apr. 10 (1)	F.Mar. 27 (1) L.Apr. 21 (2)		F.Apr. 12 (5)	F.Apr. 19 (2)	F.Apr. 19 (5)	F.Apr. 7 (2)	
Olive-backed Thrush		F.May 3 (3)		F.Apr. 30 (1)		F.May 7 (4)	F. May 5	F.May 12 (1)	F.May 11 (10) L.May 29 (10)	F.May 4 (2)	F.May 2 (1) L.May 25 (1)	F.May 7 (2) L.May 25 (2)		F.May 10 (8) L.May 24 (5)	F.May 19 (2)			
Grey-cheeked Thrush		F.Apr. 25 (3) L.May 15 (3)	F.May 1 (2)		F.May 18 (2) L.May 20 (2)				F.May 7 (1) L.May 28 (10)	F.May 9 (2)	F.May 21 (7)	F.May 22 (2)			F.May 28 (1)			
Veery		F.Apr. 29 (3) L.May 15 (3)			F.May 3 (2)		F. Apr. 4	F.May 1 (3)	F.May 1 (5) L.May 16(10)	F.May 2 (1)	F.May 8 (5)	F.May 3 (2)		F.May 6 (6)	F.May 7 (2)	F.May 24 (5)	F. May 4 (2)	

1/Grenadines
2/St. Vincent
3/Grenada

1/Belfast, Bryan Co.

1/Cranston

1/Reading

1/Mass Sta.

1/Unity
2/Bath

Species	West Indies	Florida	Georgia	South Carolina	North Carolina	Virginia	West Virginia	Maryland	Pennsylvania	New Jersey	New York	Connecticut	Rhode Island	Massachusetts	Vermont	New Hampshire	Maine	Quebec
Eastern Bluebird							F. Feb. 19		F.Mar. 4 (2)	F.Feb. 19 (4)	F.Mar. 14 (1)	F.Mar. 13 (2)	1/ F. Feb. 13	F.Mar. 5 (5)	F.Mar. 30 (2)	F.Mar. 22 (2)	F.Apr. 3 (3)	
Blue-gray Gnatcatcher			F.Mar. 27 (2)	F.Apr. 3 (1)	F.Mar. 31 (2)	F.Apr. 5 (2)	F.Apr. 23		F.May 1 (11)									
Eastern Golden-crowned Kinglet			L.Mar. 27 (1)			L.Mar. 27 (3)	L.Apr. 2		L.Apr. 29 (6)		L.Apr. 29 (10)	L.Apr. 24 (2)		L.Mar. 20 (2)	F.Apr. 29 (1)	F.Apr. 13 (5)	F.Apr. 21 (4)	F. May 6
Eastern Ruby-crowned Kinglet		L.Apr. 11 (1)	L.May 1 (2)	L.May 2 (1)	L.May 2 (1)	F.Mar. 13 (2) L.May 2 (4)		F.Apr. 24 (1)	F.Apr. 3 (1) L.May 4 (6)	F.Apr. 8 (1)	F.Apr. 17 (1) L.May 4 (5)	F.Apr. 13 (2) L.May 1 (2)		F.Apr. 17 (6) L.May 12 (5)	F.Apr. 7 (3) L.May 3 (2)	F.Apr. 14 (5)	F.Apr. 20 (4)	
American Pipit									F.Mar. 28 (3)	F.Mar. 26 (2)				F.Mar. 30 (2)				
Cedar Waxwing		L.May 22 (3)	L.May 10 (2)		L.May 15 (2)	L.Mar. 29 (2)					F.Feb. 8 (1)	F.Feb. 29 (2)		F.Mar. 6 (5)	F.May 22 (2)	F.Feb. 24 (6)	F.May 24 (3)	F. June 2
Northern Shrike														L.Apr. 10 (2)	L.Feb. 24 (2)		L.Apr. 12 (2)	
Migrant Shrike											F.May 9 (1)							
White-eyed Vireo		F.Mar. 14 (3)	F.Apr. 3 (2)	F.Apr. 9 (1)	F.Apr. 19 (1)	F.Apr. 15 (2)	F. May 5	F.Apr. 26 (1)	F.May 6 (4)			F.May 7 (1,2)		F.May 7 (5)				
Yellow-throated Vireo		F.Mar. 20 (3)	F.Apr. 9 (1)	F.May 9 (1)	F.Apr. 20 (2)	F.Apr. 15 (2)		F.May 10 (1)	F.May 11 (11)		F.May 3 (7)	F.May 5 (1,2)		F.May 4 (2)	F.May 7 (3)	F.May 16 (1)	1/ F.May 17 (3)	
Blue-headed Vireo		L.Apr. 18 (3)	L.Apr. 16 (2)		F.Mar. 9 (2)	F.Mar. 31 (3)			F.Apr. 24 (11)	F.May 9 (2)	F.May 9 (1)	F.Apr. 20 (2) L.May 2 (2)		F.Apr. 25 (6)	F.Apr. 30 (2)	F.Apr. 23 (1)	F.May 3 (3)	
Red-eyed Vireo		F.Mar. 25 (3)	F.Apr. 10 (1, 2)	F.Apr. 14 (1)	F.Apr. 25 (1)	F.Apr. 21 (3)	F. May 14	F.May 1 (1)	F.May 2 (4)	F.May 7 (2)	F.May 6 (10)	F.May 7 (2)		F.May 9 (4)	F.May 15 (2)	F.May 16(1,2)	F.May 9 (4)	
Philadelphia Vireo											F.May 16 (1)							
Eastern Warbling Vireo						F.Apr. 22 (3)		F.May 9 (1)	F.May 7 (11)		F.May 3 (9)	F.May 8 (2)		F.Apr. 25 (3)	F.May 9(1,2)	F.May 7 (1,4)	F.May 13 (4)	
Black and White Warbler	L.May 3 (1)	F.Mar. 26 (3) L.May 24 (5)	F.Apr. 12 (2) L.May 2 (2)	F.Apr. 9 (3)		F.Apr. 5 (4)	F. Apr. 19	F.Apr. 20 (1)	F.Apr. 21 (11)	F.May 1 (1)	F.May 1 (1)	F.Apr. 20 (2)		F.Apr. 29 (5,8)	F.May 1 (1)	F.May 2 (1)	F.May 4 (4)	
Prothonotary Warbler		F.Mar. 9 (8)			F.May 16 (2)													
Worm-eating Warbler		F.Apr. 17 (3)							F.May 6 (4)			F.May 7 (2)						
Golden-winged Warbler					F.Apr. 24 (1)			F.May 3 (1)	F.May 6 (11)	F.May 5 (1)	F.May 13 (1)			F.May 4 (6)				
Blue-winged Warbler		F.Apr. 22 (3)							F.May 12 (11)	F.May 7 (1)		F.May 5 (2)		F.May 12 (5)				
Tennessee Warbler		F.Apr. 17 (3)	1/ F.Apr. 26 (1)						F.May 2 (4) L.May 16 (4)		F.May 13 (3) L.May 23 (3)	F.May 14 (2) L.May 25 (2)		F.May 12(4,8) L.May 22 (2)				
Nashville Warbler						F.Apr. 26 (2) L.May 16 (2)		F.May 10 (1)	F.May 4 (2) L.May 19 (6)	F.May 9 (5)	F.May 2 (3)	F.May 6 (2) L.May 10 (2)		F.May 4 (8)	F.May 5 (2)	F.May 5 (5)	F.May 5 (3)	F. May 2
Parula Warbler	L.Apr. 24 (1)	F.Mar. 2 (5)	F.Mar. 17 (1)	F.Apr. 14 (1)	F.Apr. 30 (1)	F.Apr. 17 (2)	F. May 13	F.May 9 (1)	F.May 7 (4)	F.May 9 (2)	F.May 4 (1)	F.May 1 (2)		1/ F.Apr.18(3,6)	F.May 5 (2)		1/ F.May 12 (3)	
Eastern Yellow Warbler		F.Apr. 1 (5) L.Apr. 30 (5)	F.Apr. 24 (2)	F.Apr. 15 (1)	F.Apr. 20 (1)	F.Apr. 19 (3)	F. Apr. 19		F.Apr. 27 (11)	F.May 8(1,2)	F.May 2 (3)	F.May 2 (2)		F.May 4 (2,6)	F.May 7 (2)	F.May 10 (1)	F.Apr. 26 (4)	F. May 21
Magnolia Warbler		F.Mar. 12 (5) L.May 14 (3)			F.May 6 (1) L.May 19 (1)	F.May 11 (2) L.May 16 (2)	F. May 11 L. May 18	F.May 9 (1) L.May 17 (1)	F.May 1 (11) L.May 24 (10)		F.May 12 (1) L.May 25 (10)	F.May 11 (2) L.May 25 (2)		F.May 8 (3) L.May 24(4,5)	F.May 13 (2)	F.May 9 (5)	1/ F.May 12 (3)	
Cape May Warbler	L.Apr. 14 (1)	F.Apr. 7 (2)	F.Apr. 23 (2) L.May 4 (2)	F.Apr. 23 (3)	F.Apr. 11 (1) L.May 5 (1)				F.May 12 (4)		F.May 6 (1) L.May 21 (10)			L.May 20 (5)				
Black-throated Blue Warbler	L.Apr. 15 (1)	F.Mar. 6 (5) L.Apr. 21 (5)	F.Apr. 20 (1)	F.Apr. 30 (1)		F.Apr. 24 (2)		F.May 10 (1) L.May 17 (1)	F.May 2 (4) L.May 22 (4)	F.May 9 (2)	F.May 4 (1) L.May 23 (1)	F.May 11 (2)		F.May 5 (8)	F.May 1 (1)		F.May 10 (4)	
Myrtle Warbler		L.May 7 (3)	L.May 3 (2)	L.May 2 (1)	L.May 5 (2)	L.May 12 (4)	L. May 7	L.May 10 (1)	F.Apr.23 (10) L.May 19 (11)	L.May 9 (2)	F.Apr. 24 (1) L.May 16(1,4)	L.May 16 (2)	2/ F. Apr. 11	F.Apr. 19 (8) L.May 20 (5)	F.Apr. 19 (5)	F.May 2 (1)	F.Apr. 25 (2)	F. May 3
Black-throated Green Warbler	L.Apr. 23 (1)			F.Apr. 17 (3)		F.Apr. 27 (2) L.May 8 (2)		L.May 10 (1)	F.Apr.25 (11) L.May 22 (11)	F.May 4 (1)	F.May 2 (3)	F.Apr. 29 (2)		F.May 2(3,6, 7)	F.May 4 (2)	F.May 7 (5)	F.May 3 (3)	
Cerulean Warbler						F.Apr. 15 (2)			F.May 12 (11)		F.May 13 (1)							

1/Belfast, Bryan Co.

1/Cranston 2/Warwick

1/Rockport

1/Bath

Species	West Indies	Florida	Georgia	South Carolina	North Carolina	Virginia	West Virginia	Maryland	Pennsylvania	New Jersey	New York	Connecticut	Rhode Island	Massachusetts	Vermont	New Hampshire	Maine	Quebec
Blackburnian Warbler				F.Apr. 19 (1)		F.Apr. 26 (2) L.May 9 (2)		F.May 11 (1) L.May 16 (1)	F.May 1 (4) L.May 22 (7)		F.May 5 (1) L.May 15 (1)	F.May 11 (2) L.May 26 (2)		F.May 3 (5) L.May 26 (6)	F.May 4 (2)		1/ F.May 13 (3)	
Yellow-throated Warbler	L.Apr. 1 (1)	F.Feb. 16 (5) L.May 6 (5)	F.Mar. 26 (2)		F.Mar. 9 (2)	F.Apr. 22 (3)												
Chestnut-sided Warbler				F.Apr. 26 (1)		F.Apr. 17 (2) L.May 12 (2)	F. May 5 L. May 26	L.May 16 (1)	F.May 3 (4)	F.May 9 (2)	F.May 8 (1)	F.May 5 (2)		F.May 2 (3)	F.May 6 (2)	F.May 6 (5)	F.May 11 (4)	
Bay-breasted Warbler			F.May 10 (2)			F.May 12 (4)			F.May 14 (7)		F.May 12 (1) L.May 23 (1)			F.May 12 (3)	L.May 26 (2)			
Black-poll Warbler		F.May 4 (4)	F.Apr. 24 (2) L.May 11 (2)	F.Apr.30(1,3) L.May 2 (3)	F.Apr. 24 (1) L.May 22 (2)	F.May 14 (2) L.May 24 (2)	F. May 13 L. May 23		F.May 9 (10) L.May 30(10)	F.May 19 (1)	F.May 17 (3) L.May 25 (10)	F.May 14 (2) L.June 5 (2)		F.May 7 (5) L.May 31 (2)	F.May 23 (2) L.May 30 (2)	F.May 23 (5) L.May 27 (1)	1/ F.May 29 (3)	
Northern Pine Warbler						F.Feb. 8 (2)		F.Mar. 20 (1) L.Apr. 25 (1)			F.Apr. 5 (3)	F.Apr. 17 (2)		F.Apr.18(3,6)	F.Apr. 25 (2)	F.Apr. 18 (1)	F.Apr. 21 (4)	
Northern Prairie Warbler	L.Apr. 19 (1)	F.Mar. 14 (6)	F.Mar. 27 (1)	F.Apr. 20 (1)		F.Apr. 15 (2)		F.Apr. 25 (1)	F.May 12 (11)			F.Apr. 30 (2)		F.May 6 (6)		F.May 21 (1)		
Palm Warbler	L.Apr. 19 (1)	1/ L.Apr. 16 (1)	L.May 4 (2)	F.Apr. 8 (1)				F.Apr. 6 (1) L.Apr. 16 (1)	F.Apr.20(10) L.May 7 (11)	F.Apr. 16 (2)	F.May 2 (10)	F.Apr. 13 (2) L.May 2 (2)		F.Apr. 17 (6) L.May 5 (6)	F.Apr. 28 (3)	F.Apr. 19 (1) L.May 5 (1)	F.Apr. 16 (1)	
Ovenbird	L.Apr. 10 (1)	F.Mar. 11 (8) L.May 8 (3)		F.Apr. 19 (1)		F.Apr.22(3,4)	F. Apr. 28	F.Apr. 27 (1)	F.May 1 (4)	F.May 2 (1)	F.May 6 (2)	F.Apr. 29 (2)		F.May 4(2,6)	F.May 5 (1)	F.May 6 (5,6)	F.May 11 (4)	
Northern Water-Thrush	L.May 9 (1)	F.Apr. 23 (5) L.Apr. 27 (5)		F.Apr. 26 (1)	F.Apr. 27 (2) L.May 18 (2)				F.Apr. 13(10) L.May 22 (10)		F.Apr. 30 (4)	F.May 7 (2) L.May 26 (2)		F.May 6 (8)	F.May 7 (2)	F.May 4 (1)	F.May 16 (4)	
Louisiana Water-Thrush		F.Apr. 20 (5) L.Apr. 28 (5)	1/ L.Apr. 26 (1)		F.Mar. 20 (3)	F.Mar. 23 (2)	F. Apr. 28		F.Apr. 6 (11)	F.Apr. 18 (1)	F.Apr. 14 (3)	F.Apr. 15 (2)		F.Apr. 19 (8)				
Kentucky Warbler		F.Apr. 2 (5) L.Apr. 16 (5)	F.Apr. 16 (2)					F.May 9 (1)	F.May 6 (4)					F.May 22 (3)				
Mourning Warbler						F.May 7 (4) L.May 18 (4)			F.May 2 (11) L.May 18 (4)		F.May 13 (1)	F.May 22 (2) L.June 4 (2)		F.May 16 (4)	F.May 22 (2)			
Yellow-throat (subsp.)	L.Apr. 18 (1)	L.Apr. 12 (5)		F.Apr. 9 (1)	F.Mar. 20 (3)	F.Apr. 17 (2)	F. Apr. 23	F.Apr. 20 (1)	F.Apr.28(10)	F.May 7 (1)	F.May 6 (4)	F.May 6 (2)		F.May 4 (2)	F.May 13 (2)	F.May 13 (2)	F.May 21 (4)	F. May 22
Yellow-breasted Chat		F.Apr. 26 (3)	F.Apr. 18 (1)	F.Apr. 26 (1)	F.May 1 (2)	F.Apr. 30 (2)	F. May 5		F.May 5 (11)	F.May 20 (1)	F.May 20 (2)	F.May 7 (1)		F.May 9 (3)				
Hooded Warbler	F.Apr. 5 (1)	F.Mar. 24 (3)	F.Mar. 27 (2)	F.Apr. 10 (1)	F.Apr. 29 (1)	F.Apr. 20 (2)		F.May 1 (1)	F.May 6 (7)		F.May 20 (1)	F.May 5 (2)						
Wilson's Warbler							F. May 14		F.May 7 (1) L.May 21 (6)		F.May 16 (4) L.May 23 (1)	F.May 18 (2) L.May 25 (2)		F.May 20(3,5) L.May 30 (3)	F.May 16 (2) L.May 28 (2)		1/ F.May 17(3,4)	
Canada Warbler				F.Apr. 30 (1)		F.May 15 (2) L.May 18 (2)		F.May 10 (1) L.May 11 (1)	F.May 4 (6) L.May 24 (6)		F.May 16(1,4)	F.May 16(1,2) L.May 27 (2)		F.May 7 (6) L.May 27 (5)	F.May 19 (2)	F.May 27(1,5)	F.May 18 (1)	
American Red-start	L.May 10 (1)	F.Mar. 12 (5) L.May 13 (3)	F.Apr. 20 (1,2)	F.May 13 (1)		F.Apr. 18 (3)	F. Apr. 27	F.Apr. 28 (1)	F.May 1 (4, 7,11)	F.May 2 (1)	F.May 3 (3)	F.May 1 (2)		F.May 5 (6)	F.May 6 (2)	F.May 10 (1)	F.May 9 (1)	
Bobolink		F.Mar. 1 (5) L.May 20 (5)	F.Apr.25 (2) L.May 2 (2)	F.Apr. 23 (1)		F.Apr. 28 (2)		L.May 22 (3)	F.May 6 (8)		F.May 4 (2)	F.May 8 (2)		F.May 2 (3)	F.May 5 (1)	F.May 6 (4)	F.May 11 (4)	F. May 13
Eastern Meadow-lark						F.Mar. 12 (2)	F. Feb. 5		F.Mar. 21 (3,11)	F.Mar. 6 (3)	F.Apr. 1(1,5)	F.Mar. 20 (2)		F.Mar. 20 (2)	F.Apr. 10 (2)	F.Apr. 4 (2)	F.Apr. 11 (4)	
Eastern Red-wing				F.Mar. 12 (3)		F.Mar. 18 (4)	F. Apr. 6	1/ F.Mar. 8 (1)	F.Feb.25(10)	F.Mar. 8 (1)	F.Mar. 13 (1)	F.Mar. 14 (2)	1/ F. Mar. 21	F.Mar. 18 (6)	F.Apr. 2 (2)	F.Mar. 30 (1)	F.Apr. 1 (2)	F. Apr. 7
Orchard Oriole		F.Mar. 27 (3)	F.Apr. 9 (1)	F.Apr. 21 (1)		F.May 2 (4)		F.May 9 (1)	F.May 7 (10)	F.May 6 (1)		F.May 6 (2)		1/ F.May 22 (6)				
Baltimore Oriole	F.Apr. 12 (1)	F.Mar. 30 (5) L.Apr. 16 (3)		F.May 13 (1)	F.Apr. 19 (1)	F.Apr. 24 (3)		F.May 2 (1)	F.May 4 (1,10,11)	F.May 3 (2)	F.May 4 (2)	F.May 6(1,2)	F. May 10	F.May 5(1,5)	F.May 7 (1)	F.May 12 (1)	1/ F.May 13(2,3)	
Rusty Blackbird		F.Mar. 21 (3)	1/ F.Apr. 17 (1)						F.Mar.26 (11) L.May 14 (8)	F.Mar. 20 (2)	F.Mar. 13 (1) L.May 9 (1)	F.Apr. 7 (2) L.May 1 (2)		2/ F.Mar. 30 (5) L.Apr. 30 (1)	F.Apr. 5 (2)	F.Apr. 16 (5)	F.Apr. 17 (4)	F. Apr. 14
Purple and Bronzed Grackle						F.Mar. 2 (4)	F. Mar. 21	F.Mar. 1 (1)	F.Feb.14 (10)	F.Feb. 22 (2)	F.Mar. 23 (1)	F.Mar. 18 (2)		F.Mar.6(3,6)	F.Apr. 8 (3)	F.Mar. 28 (4)	F.Mar. 17 (2)	F. Apr. 15
Eastern Cowbird		L.Apr. 1 (3)			F.Mar. 16 (2)	F.Mar. 17 (4)	F. Mar. 13	F.Mar. 11 (1)	F.Mar. 6 (11)	F.Mar. 16 (2)	F.Mar. 28 (3)	F.Mar. 21 (2)		F.Mar. 18 (6)	F.Apr. 4 (3)	F.Apr. 22 (6)	F.Mar. 26 (4)	
Scarlet Tanager		F.Apr. 5 (3) L.May 9 (3)	F.Apr. 19 (2) L.May 2 (2)	F.Apr. 26 (1)	F.Apr. 19 (1) L.May 18 (2)	F.Apr. 23 (2)	F. Apr. 28	F.May 2 (1)	F.May 1 (10)	F.May 5 (4)	F.May 12 (3)	F.May 6 (2)		F.May 5 (2)	F.May 19 (2)	F.May 17 (5)		

1/Jackson Co. 1/Belfast, Bryan Co. 1/Near Potomac River 1/Cranston 1/Newburyport 2/Wilmington 1/Bath

Species	West Indies	Florida	Georgia	South Carolina	North Carolina	Virginia	West Virginia	Maryland	Pennsylvania	New Jersey	New York	Connecticut	Rhode Island	Massachusetts	Vermont	New Hampshire	Maine	Quebec
Summer Tanager	F.Feb. 27 (1) L.Mar. 26 (1)	F.Mar. 1 (6) L.Apr. 1 (6)	F.Apr. 9 (1)	F.Apr. 23 (3)	F.Apr. 10 (2)	F.Apr. 30 (3)											1/ F.May 15 (3)	
Rose-breasted Grosbeak			F.Apr. 27 (2)	F.Apr. 30 (1)		F.May 3 (4)			F.May 6 (11)	F.May 4 (2)	F.May 5 (1,7)	F.May 6 (2)		F.May 2 (2)	F.May 16 (3)	F.May 12(1,5)	F.May 15 (3)	
Eastern Blue Grosbeak		1/ F.Apr.14(3,7) L.Apr. 16 (1)	F.May 1 (2)			F.May 6 (2)			F.May 20 (2)									
Indigo Bunting	L.Apr. 15 (1)	F.Apr. 4 (3) L.May 9 (5)	F.Apr.20 (1,2)	F.Apr. 26 (1)	F.May 1 (2)	F.Apr. 23 (4)	F. May 11	F.May 6 (1)	F.May 7 (1)		F.May 19 (5)	F.May 14 (2)		F.May 9 (3)	F.May 24 (2)	F.May 31 (1)	1/ F.May 21 (3)	
Eastern Evening Grosbeak											F.Feb. 8 (7) L.Apr. 25 (4)			F.Feb. 20 (4) L.May 4 (4)	L.Apr. 8 (3)		L.Feb. 22 (4)	
Eastern Purple Finch		L.Apr. 19 (3)	L.Apr.3 (2)	L.Apr. 10 (1)		L.Apr. 30 (4)		L.Apr. 28 (1)	L.May 15 (2)	L.Apr. 29 (2)	F.Apr. 14 (5,10)	F.Feb. 26 (2)		F.Mar. 16 (4)	F.Feb. 22 (2)	F.Feb. 20 (3)	F.Mar. 14 (3)	
Canadian Pine Grosbeak														F.Feb. 2 (4)				
Common Redpoll											L.Mar. 23 (1)				L.Mar. 17 (2)		L.May 7 (4)	
Northern Pine Siskin			F.Mar. 20 (2) L.Apr. 14 (2)		L.Apr. 2 (2)	L.Apr. 17 (2)					L.Apr. 6 (1)				L.Apr. 8 (2)		L.Apr. 17 (3)	
Eastern Goldfinch		L.Apr. 24 (3)	1/ L.May 7 (1)				F. Apr. 6				L.May 21 (1)	L.Apr. 11 (2)		L.May 5 (8)	L.May 6 (2)		L.Apr. 28 (4)	
Red-eyed Towhee			1/ L.Apr. 18 (1)			F.Mar. 11 (2)	F. Mar. 30	F.Apr. 3 (1)	F.Mar.26 (11)	F.Apr. 18 (2)	F.Apr. 22 (1)	F.Apr.29(1,2)		F.May 1 (6)	F.May 1 (1)	F.May 12 (5)	1/ F.May 12 (3)	
Eastern Savannah Sparrow		L.May 16 (1)	L.May 2 (2)			F.Mar. 11 (2) L.May 2 (4)	F. Mar. 10	F.Apr. 26 (3)	F.Apr. 18 (2)		F.Mar. 28 (5)	F.Apr. 11 (2)		F.Apr.17(4,6)	F.Apr. 17 (2)	F.Apr. 18 (1)	F.Apr. 16 (4)	
Eastern Grasshopper Sparrow		L.Apr.11(3,5)	F.Apr. 25 (2)			F.Apr. 19 (4)		F.May 7 (1)	F.Apr. 4(10)	F.Apr. 18 (2)	F.May 9 (1)	F.May 5 (2)		F.May 12 (8)		F.Apr. 26 (2)		
Eastern Henslow's Sparrow		L.Apr. 11 (5)									F.May 9 (1)	F.May 8 (2)			F.May 13 (2)			
Sharp-tailed Sparrow												F.May 15 (2)						
Seaside Sparrow												F.May 8 (2)						
Eastern Vesper Sparrow		L.Mar. 21 (3)	L.Apr. 3 (2)			F.Mar. 11 (2)	F. Apr. 13		F.Mar. 21 (2)	F.Apr. 3 (1)	F.Apr. 4 (1)	F.Apr. 1 (2)		F.Apr. 15 (6)	F.Apr. 13 (2)	F.Apr. 18 (1)	F.Apr. 9 (4)	F. May 3
Slate-colored Junco				L.Apr. 10 (1)		L.Apr. 30 (4)	L. Apr. 23		L.May 1 (11)	L.Apr. 24 (1)	L.May 7 (1)	L.Apr. 27 (2)		L.May 2 (2)	F.Apr. 3 (2)	F.Mar. 31 (6)	F.Apr. 1 (1)	
Eastern Tree Sparrow						L.Mar. 4 (4)		1/ L.Mar. 8 (1)	L.Apr. 28 (1)	L.Mar. 31 (1)		L.Apr. 10 (2)		L.Apr. 25 (6)	F.Apr. 23 (2)	F.Mar. 16 (2)	F.Feb. 6 (4) L.Apr. 29 (4)	F. Apr. 15
Eastern Chipping Sparrow		L.Apr. 11 (3)	L.Apr. 5 (1)	F.Apr. 16 (1)	F.Feb. 28 (2)	F.Mar. 22 (4)	F. Mar. 30	F.Mar. 19 (1)	F.Apr. 1 (4)	F.Apr.15(1,4)	F. Apr.13 (6)	F.Apr. 14 (2)		F.Apr. 18 (3)	F.Apr. 24 (2)	F.Apr. 25 (4)	F.Apr. 12 (2)	F. May 8
Eastern Field Sparrow			L.Apr. 26 (1)					F.Mar. 21 (1)	F.Mar. 3 (1)	F.Apr. 11 (2)	F.Apr. 14 (1)	F.Mar. 21 (2)		F.Apr.13(3,6)	F.Apr. 24 (2)	F.Apr. 21 (5)	F.Apr. 30 (3)	
White-crowned Sparrow			L.Apr. 28 (2)				F. Mar. 30 L. May 20	L.May 10 (1)	F.Apr. 24 (2) L.May 21 (6)		F.May 2 (1) L.May 21 (7)			F.May 8 (5)	F.May 13 (2) L.May 18 (3)	F.May 14 (4)		F. May 12
White-throated Sparrow		L.May 5 (3)	1/ L.May 7 (1)	L.May 9 (1)	L.May 18 (2)	L.May 16 (4)	F. Apr. 20 L. May 11	L.May 10 (1)	F.Apr. 21 (11) L.May 21 (6)	F.Mar. 10 (2)	F.Apr.18 (7) L.May 20 (1)	F.Apr. 12 (2) L.May 12 (2)		F.Apr. 19 (2) L.May 20 (4)	F.Apr.26(2,3)	F.Apr. 22 (6)	F.Apr. 23 (3)	F. May 6
Eastern Fox Sparrow						F.Feb. 10 (4) L.Mar. 29 (4)	F. Mar. 7 L.Apr. 23	F.Mar. 15 (1) L.May 8 (3)	F.Mar. 4 (10) L.Apr. 29 (6)	F.Mar. 20 (2)	F.Apr. 4 (1) L.May 4 (1)	F.Mar. 20 (2) L.Apr. 5 (2)		F.Apr. 1 (5) L.Apr.19(2,6)	F.Apr. 6 (2) L.Apr. 26 (2)	F.Apr. 5 (2)	F.Apr. 2 (1)	
Lincoln's Sparrow											F.May 9 (1) L.May 13 (1)							
Swamp Sparrow			L.May 2 (2)		L.May 2 (2)	F.Apr. 30 (2)			F.Apr. 22 (1) L.May 12 (10)	F.May 9 (2)		F.Apr. 10 (2) L.May 8 (2)		F.Apr. 18 (6)	F.Apr. 30 (2)		F.Apr. 15 (4)	
Eastern Song Sparrow		L.Mar. 21 (8)	1/ L.Apr. 5 (1)	L.Apr. 20 (1)			F. Feb. 13		F.Feb. 16 (6)	F.Feb. 11 (2)	F.Mar. 24 (6)	F.Mar. 15 (1)		F.Feb. 18 (5)	F.Mar. 30 (3)	F.Feb. 22 (1)	F.Mar. 23 (1)	F. Apr. 10
Eastern Snow Bunting											L.Apr. 1 (2)	L.Feb. 12 (2)			L.Apr. 7 (3)	F.Jan. 26 (5)		

1/Jackson Co. 1/Bryan Co.

1/Near Potomac River

1/Bath

List of other species reported and additional notes on species contained in the preceding table.

Common Loon.--New Smyrna, Fla., February 24(1 female) (Ingersoll).

Red-throated Loon.--Rochester, N. Y., April 4 (1) last seen April 11 (Horsey); Newburyport and Ipswich, Mass., May 29 (several) (Talbot).

Holboell's Grebe.--Rochester, N. Y., March 28 (1) (Horsey); Ithaca, N. Y., April 18 (Clausen); Newburyport, Mass., May 22 (Talbot).

Horned Grebe.--Fairfield, Conn., January 5 (1) and last seen April 20 (Saunders).

White Pelican.--Sarasota, Fla., February 12 (12) (Smith).

Brown Pelican.--Near Pilottown, Fla., March 18 (30?) (Dise).

Gannet.--Pensacola, Fla., March 2, 1 adult and 1 immature bird seen at close range in company with Brown Pelicans (Weston); Hadlyme, Conn., May 6 (9) (what I took to be Gannets - flying very high) (Brockway).

Water-turkey.--Liberty County (King's Pond), Ga., April 16 (1) (Bassett).

Great Blue Heron.--Potomac River Bird Refuge, D. C., January 23 (4) (Overing); Morrisville, N. Y., January 15 (1) (Blowers).

American Egret.--Washington, N. C., March 19 (1) (Biggs).

Eastern Least Bittern.--Rochester, N. Y., May 20 (1) (Horsey).

Wood Ibis.--Liberty County (King's Pond), Ga., April 16 (50-100) (Bassett).

White Ibis.--Sarasota, Fla., March 15 (20) (Smith); Pensacola, Fla., March 21 (80) (Weston) (earliest ever recorded); Jackson County, Fla., April 16 (1) (Hallman).

Roseate Spoonbill.--Fort Myers, Fla., June 1 or 2 (2) (Standley).

Whistling Swan.--Harrisburg, Pa., March 1 (1) and last seen April 28 (1) (Wood); March 6 (7) and last seen March 27 (Hershey); Erie, Pa., 100 wintered on Erie Bay and were last seen February 21 (O'Reilly).

Blue Goose.--Potomac River Bird Refuge, D. C., January 23 (1) (Overing)

American Brant.--Eagle Island, S. Harpswell, Maine, April 19 (18) (Marden).

American Pintail.--Sarasota, Fla., January 15 (50) (Smith).

Shoveler.--Fairfield, Conn., April 10 (1) (Saunders) (first experience with this species in Connecticut).

Lesser Scaup.--Harrisburg, Pa., February 10 (2) (Wood).

Barrow's Goldeneye.--Fairfield, Conn., March 21 (2) (Saunders) (first Connecticut record for this observer).

Surf Scoter.--Fairfield, Conn., last seen April 10 (Saunders).

Hooded Merganser.--Pensacola, Fla., last seen April 4 (Weston) (latest ever recorded).

American Merganser.--Rochester, N. Y., February 6 (15) (Horsey); Cincinnatus, N. Y., January 5 (5) (Smith).

Red-breasted Merganser.--Stockbridge, Mass., February 18 (2) (Seeley).

Black Vulture.--Near Pilottown, Fla., March 11 (100) (Dise); Naruna, Va., January 3 (3) (Daniel).

Swallow-tailed Kite.--Pensacola, Fla., March 14 (2) (Weston); Bay County, Fla., March 14 (1) (Hallman); near Gaffney, S. C., May 10, one specimen taken - a first record in the Piedmont (Cannon).

Goshawk.--Chatham County, Ga., January 1 (2) (Bassett).

White Gyrfalcon.--Hadlyme, Conn., March 19 (1) (Brockway) (only Connecticut record).

Clapper Rail.--Fairfield, Conn., May 15 (2) (Saunders).

Purple Gallinule.--Pensacola, Fla., May 8 (1) (Weston).

Piping Plover.--Bay County, Fla., April 18 (4) (Hallman); Tybee Island, Ga., last seen March 23 (Bassett); Fairfield, Conn., May 31 (1) (Saunders).

Semipalmated Plover.--Union Island, Grenadines, B. W. I., last seen April 22; Grenada (Point Saline), May 5 (1 collected) (Danforth).

Ruddy Turnstone.--Grenadines, B. W. I., March 26, 29, April 12, 17, 19, 23, and 28 (Danforth).

Spotted Sandpiper.--Grenadines, B. W. I., March 26, 29, April 6, 12, 17, 19, 23, and 28 (Danforth).

Eastern Willet.--Mayreau, Grenadines, B. W. I., April 16, 3 seen, 1 collected (Danforth).

Greater Yellow-legs.--Mustique, Grenadines, B. W. I., March 28, 8 seen and 2 collected; Canonan, Grenadines, April 12 (Danforth).

Lesser Yellow-legs.--Mustique, Grenadines, B. W. I., March 29, 25 seen and 3 shot; Canonan, Grenadines, April 12 (Danforth); Pensacola, Fla., February 7 (1) (Weston); Fort Myers, Fla., January 26 (7) (Standley).

Least Sandpiper.--Grenada (Point Saline), B. W. I., May 5 (6 seen, 2 collected (Danforth).

Red-backed Sandpiper.--Harrisburg, Pa., May 17 (1) (Wood) (first record).

Black-necked Stilt.--Fort Myers, Fla., April 3 (12) Standley).

Glaucous Gull.--Fairfield, Conn., March 26 (1) (Saunders) (second record in Connecticut); Ithaca, N. Y., last seen March 21 (Clausen).

Iceland Gull.--Newburyport, Mass., last seen April 18 (Talbot).

Great Black-backed Gull.--Rochester, N. Y., last seen May 9 (Horsey); Ithaca, N. Y., last seen March 14 (Clausen); Fairfield, Conn., last seen April 4 (Saunders); Charlestown, R. I., last seen May 29 (1) (Hathaway).

Herring Gull.--Cincinnatus, N. Y., January 2 (1) (Smith).

Least Tern.--New Smyrna, Fla., January 8 (6) (Ingersoll).

Royal Tern.--St. Vincent, B. W. I., February 20; Grenadines, April 9 and 27 (Danforth).

Dovekie.--New Smyrna, Fla., December 26 (1) (Picked up on the ocean beach in an exhausted condition, but alive) (Ingersoll).

Eastern Mourning Dove.--Naruna, Va., January 12 (11) (Daniel).

Eastern Belted Kingfisher.--Grenadines, B. W. I., March 28, 29, and 31 (Danforth); Sweet Briar, Va., February - (Hague); Ithaca, N. Y., January 30 (1) (Clausen); Hadlyme, Conn., February 19 (1) (Brockway); Springfield, Mass., January 1 (1) (Stebbins).

Northern Flicker.--Morrisville, N. Y., January 20 (2) (Blowers); Eagle Island, South Harpswell, Maine, February 20 (2) (Marden).

Phoebe.--Naruna, Va., January 29 (1) (Daniel).

Prairie Horned Lark.--Springfield, Mass., June 24 (1 adult, 2 young, and 1 egg) (Stebbins); Rochester, N. Y., January 29 (4) (Horsey).

Bank Swallow.--Mayreau, Grenadines, B. W. I., April 17, 2 seen, 1 collected (Danforth).

Barn Swallow.--Grenadines, B. W. I., March 25, 29, April 5, 21, and 27; St. Vincent, March 5; Grenada, May 5, 15 seen and 1 collected (Danforth).

Brown Creeper.--Macon, Ga., last seen March 27 (Mounts); Naruna, Va., last seen March 26 (Daniel); Eagle Rock, Pa., last seen April 16 (Morris); Jeffersonville, Pa., April 15 (1) (Middleton); McKeesport, Pa., April 15 (1) (Savage); Rochester, N. Y., last seen May 9 (Horsey); Fairfield, Conn., last seen April 18 (Saunders); Stockbridge, Mass., last seen April 22 (Seeley); Livermore Falls, Maine, April 21 (French).

Mockingbird.--Berwyn, Pa., March 31 (1) and last seen April 1 (Burns); Harrisburg, Pa., February 7 (1) (Hershey); Waterville, Maine, February 5 (1) and last seen March 20 (Perkins).

Catbird.--Rochester, N. Y., January 13 (1) (Horsey).

Robin.--Walhalla, S. C., January 20 (150) (Hamnett); Naruna, Va., January 5 (50) nest with 4 eggs, May 1 (Daniel); Harrisburg, Pa., February 7 (1) (Hershey); Ithaca, N. Y., February 10 (1) (Clausen); Stockbridge, Mass., January 1 and February 2 (Seeley).

Ruby-crowned Kinglet.--South Portland, Maine, March 5 (Pitman).

American Pipit.--Fort Myers, Fla., Last seen April 28 (Standley) (The latest previous record for Florida is March 25); Jeffersonville, Pa., April 7 (2) (Middleton).

Bohemian Waxwing.--Rochester, N. Y., March 14 (3) (Horsey).

White-eyed Vireo.--Springfield, Mass., May 7 (1) (Stebbins).

Black-whiskered Vireo.--Santiago de las Vegas, Habana, Cuba; March 9 (1) (earliest date for locality) (Bruner).

Black and White Warbler.--Santiago de las Vegas, Habana, Cuba, May 3 (a specimen collected May 3 - not in breeding condition) (Bruner); Pensacola, Fla., wintering birds, February 7 and 14 (Weston).

Swainson's Warbler.--Pensacola, Fla., April 25 (1) (Weston); Fort George, March 9 (Several) (Dise).

Orange-crowned Warbler.--Pensacola, Fla., April 19 (latest ever recorded) (Weston); Harrisburg, Pa., April 21-29 (Wood); Rochester, N. Y., May 23 (1) (Horsey).

Myrtle Warbler.--Pensacola, Fla., May 7 (1 in full plumage, 5 days later than ever before recorded) (Weston).

Northern Water-Thrush.--St. Vincent, B. W. I., March 12 (Danforth); Grenadines, B. W. I., March 29, April 8, 17, 22 and 23 (Danforth).

Louisiana Water-Thrush.--Naruna, Va., nest building began April 17; nest completed April 20; 3 eggs in nest, April 27 (Daniel).

Connecticut Warbler.--Harrisburg, Pa., May 18 (1) (Wood); McKeesport, Pa., May 1 (1) (Savage).

Baltimore Oriole.--Pensacola, Fla., April 16, 1 male reported unde circumstances that make the record acceptable to me (Weston).

Boat-tailed Grackle.--Bay County, Fla., June 13 (3) (Hallman).

Purple Grackle.--Harrisburg, Pa., February 14 (1) (Hershey).

Eastern Cowbird.--Rochester, N. Y., January 3 and February 28 (Horsey); Ithaca, N. Y., February 27 (3) (Clausen); Cranston, R. I., February 20 (4) (Hathaway).

Blue Grosbeak.--Salem, Va., May 12 (1) (Very rare. Only five records during 5 years in this locality) (Lewis).

Painted Bunting.--Fort Myers, Fla., February 19 (2) (Standley); Pensacola, Fla., April 7 (1) (Earliest ever recorded) (Weston); Chatham County, Ga., April 22 (2) (Bassett).

Goldfinch.--Pensacola, Fla., last seen April 24 (latest ever recorded) (Weston).

Eastern Lark Sparrow.--Sweet Briar, Va., April 15 (Hague and Clark).

Bachman's Sparrow.--Macon, Ga., March 27 (1) (Mounts).

Eastern Chipping Sparrow.--Naruna, Va., April 29, nest with 3 eggs (Daniel).

Eastern Field Sparrow.--Naruna, Va., January 10 (4) (Daniel); Harrisburg, Pa., February 23 (5) (Wood); Rochester, N. Y., January 9 (1) (Horsey).

White-throated Sparrow.--Rochester, N. Y., January 5 (1) (Horsey).

Eastern Song Sparrow.--Scranton, Pa., January 25 (2) (Schunk); Springfield, Mass., February 4 (2) (Stebbins); Ithaca, N. Y., January 23 (2) (Clausen).

Key to the Mississippi Flyway

Louisiana

(1) Ava R. Tabor, Thibodeaux
(2) John M. McBryde, New Orleans

Mississippi

(1) Sue Davidson, Edwards
(2) Walter Costley, Meadville

Arkansas

(1) Sallie Cavaness, Monticello
(2) Mrs. Peter McWilliam, Mena

Tennessee

Joe Ijams, Nashville

Kentucky

Nevyle Shackelford, Flat

Missouri

(1) Charles W. Tindall, Independence
(2) Dr. Ferdinand Shryman, Concordia
(3) Dr. Rudolf Bennitt, Columbia
(4) A. F. Leavitt, Bolivar
(5) L. L. Standley, Carrollton
(6) Webster Grove Nature Society, St. Louis

Illinois

(1) John J. Schafer, Port Byron
(2) Mrs. John S. Collier, Kankakee
(3) M. C. Spridgen, Yorkville
(4) E. Esther Smith, Le Roy
(5) Herman J. Campbell, Olive Branch
(6) Charles S. Graves, Evanston

Indiana

(1) Mrs. M. H. Clay, Kendallville
(2) S. E. Perkins III, Indianapolis
(3) Walter S. Chansler, Bicknell
(4) Don Reid Felton, Muncie
(5) Dr. Frances Bigelow, Elkhart
(6) Claude E. Swope, Knox County

Indiana--Continued

(7) Mrs. E. C. Gilliland, Carlisle
(8) D. H. Boyd, Lake and Porter Counties
(9) F. L. Fulk, Kendallville

Ohio

(1) Louis W. Campbell, Toledo
(2) Margarette E. Morse, Cleveland
(3) M. B. Skaggs, Cleveland
(4) Ralph O'Reilly, Jr., Cleveland
(5) Dr. Lynds Jones, Oberlin
(6) Prof. E. L. Moseley, Bowling Green
(7) S. V. Wharram, Plymouth
(8) Harry H. Hipple, Delaware County
(9) Katie M. Roads, Hillsboro
(10) Emma E. Laughlin, Barnesville
(11) William C. Baker, Salem and Leetonia
(12) A. J. Carlson, Lakeside
(13) Mrs. F. E. Gilcrest, Hartville
(14) Edith M. Patterson, Chesterhill

Michigan

(1) F. W. Rapp, Vicksburg
(2) Fred McNamara, Howell
(3) Oscar M. Bryens, McMillan
(4) Ralph Beebe, Ecorse
(5) Margaret E. Gross, Grand Rapids
(6) Dr. K. Christofferson, Blaney
(7) Prof. Norman A. Wood, and others, Ann Arbor
(8) Mrs. C. E. Wisner, Detroit

Ontario

(1) Mrs. J. M. McArthur, Southmag
(2) Arthur W. Preston, Port Dover
(3) C. G. Watson, London
(4) Ralph Beebe, Point Pelee

Iowa

(1) Mrs. Mary E. Hatch, McGregor
(2) Mrs. W. J. Armour, Sioux City
(3) Dr. T. C. Stephens, Sioux City
(4) Richard W. Fredrickson, Blakesburg
(5) Mrs. Robert I. Bordner, Hudson
(6) Kathleen M. Hempel, El Kader
(7) Miriam Standing, Earlham
(8) Alta Young, Randolph
(9) Fred J. Pierce, Buchanon County

Wisconsin

(1) Lulu M. Lunn, Racine
(2) Herman Kugel and L. Erbe, Racine
(3) F. S. Dayton, New London
(4) Mrs. Chas. W. Hitchcock, Berlin
(5) Ethel Allis Nott, Reedsburg
(6) Harold Schroeder, Reedsburg
(7) Susie L. Simonds, Hartland
(8) Janet Field, Plover
(9) N. R. Peabody, St. Croix County

Minnesota

(1) E. D. Swedenborg, Minneapolis
(2) Tilford Moore, St. Paul
(3) Edna H. Danielson, Zumbrota
(4) E. J. Wilkinson, Duluth
(5) Mrs. William Wernowsky, Duluth
(6) Orwin Rustad, Faribault
(7) Marvin Wass, Nisswa
(8) Mrs. T. C. Beard, Willernie
(9) George C. Kutz, Stillwater

Manitoba

(1) Rev. W. R. Johnson, East Kildonan
(2) C. L. Broley, Winnipeg
(3) Stuart Criddle, Treesbank
(4) G. I. Todd, Brandon

Species	Louisiana	Mississippi	Arkansas	Tennessee	Kentucky	Missouri	Illinois	Indiana	Ohio	Michigan	Ontario	Iowa	Wisconsin	Minnesota	Manitoba
Common Loon						L. May 9 (3)	1/	F. Mar. 21 (2)	F. Apr. 3 (11) L. May 24 (5)	F. Mar. 26 (7)	F. Apr. 14 (3) L. May 7 (3)		F. Apr. 6 (4)	F. Apr. 11 (9)	F. May 2 (2)
Horned Grebe							F. Feb. 23 (3)		F. Mar. 26 (3) L. May 8 (1)	1/ F. Apr. 8 (5) L. June 7 (6)	F. Apr. 18 (3) L. Apr. 27 (3)		F. Apr. 6 (4)	F. Apr. 24 (1) L. May 22 (5)	F. May 2 (2)
Pied-billed Grebe							2/	F. Apr. 10 (2)	F. Mar. 21 (1)	1/ F. Apr. 27 (5)	F. Apr. 5 (3) L. May 23 (3)		F. Mar. 31 (4)	F. Apr. 17 (1)	F. May 1 (2)
Double-crested Cormorant									F. Feb. 20 (4) L. May 23 (1)	F. May 2 (7)		F. May 8 (9)		F. Apr. 15 (1)	F. Apr. 21 (3)
Great Blue Heron						F. Apr. 1 (3)	F. Feb. 19 (3)	F. Mar. 23 (2)	F. Feb. 14 (5)	F. Mar. 19 (7)	F. Mar. 29 (2)	F. Apr. 9 (2)	F. Apr. 6 (8)	F. Apr. 3 (8)	F. Apr. 17 (2)
Eastern Green Heron						F. Apr. 15 (3)		F. Apr. 10 (6)	F. Apr. 15 (9)	F. Apr. 30 (7)	F. May 7 (3)		F. May 2 (3)	F. May 13 (1)	
Black-crowned Night Heron								F. Apr. 3 (2)	F. Mar. 29 (1)	F. Apr. 13 (7)	F. May 6 (3)	F. Apr. 11 (9)	F. May 5 (4)	F. May 11 (1)	
American Bittern								F. Apr. 7 (2)	F. Apr. 6 (13)	F. Apr. 12 (4)	F. Apr. 11 (3)		F. Apr. 1 (4)	F. Apr. 11 (9)	
Least Bittern						F. Apr. 23 (3)			F. Apr. 28(12)						
Whistling Swan									F. Mar. 9 (3) L. May 29 (1)	F. Apr. 4 (7) L. May 16 (3)			F. Apr. 8 (5)	F. Apr. 11 (1) L. May 9 (4)	F. Apr. 9 (3) L. May 12 (2)
Common Canada Goose						F. Mar. 1 (4)	F. Mar. 1 (2) L. Apr. 30 (5)	1/ F. Mar. 21 (2)	F. Mar. 13 (3) L. Apr. 17 (3)	F. Mar. 4 (1) L. May 14 (5)	L. May 8 (1)	F. Mar. 6 (2) L. Apr. 10 (2)	F. Apr. 8 (3) L. May 12 (9)	F. Apr. 14 (7) L. May 1 (4)	F. Apr. 6 (2) L. May 1 (2)
Lesser Snow Goose						L. Mar. 16 (5)	F. Feb. 23 (3)					F. Mar. 18 (2)	F. Apr. 14 (3) L. Apr. 15 (9)		F. Apr. 10 (3)
Blue Goose						F. Mar. 1 (5) L. Mar. 16 (5)			F. Mar. 27 (1) L. May 3 (5)	2/ F. Mar. 14 (5)		F. Mar. 16 (2) L. Apr. 9 (2)	F. Apr. 6 (4)		F. Apr. 10 (2,3) L. May 13 (2,3)
Common Mallard						F. Feb. 20 (5)	F. Mar. 17 (1) L. Apr. 13 (1)	F. Feb. 20(3,6) L. Apr. 26 (3)	F. Feb. 7 (1)	2/ F. Mar. 14 (5)	F. Apr. 3 (3)		F. Apr. 17 (3)	F. Apr. 4 (1)	F. Apr. 6 (3)
Common Black Duck						F. Feb. 26 (6)	L. Mar. 1 (5)		L. May 9 (12)	2/ F. Mar. 14 (5)	F. Feb. 26 (3)			F. Apr. 14 (7)	
Gadwall									F. Mar. 12 (1) L. May 9 (1,5)	F. Apr. 3 (7)				F. Apr. 25 (1) L. May 14 (8)	
Baldpate								2/ F. Mar. 20 (2)	F. Feb. 26 (11) L. May 30 (1)	F. Apr. 20 (6) L. May 3 (6)	F. Apr. 4 (3)	F. Mar. 31 (2) L. Apr. 13 (5)	F. Apr. 24 (3)	F. Apr. 10 (1) L. May 2 (1)	
American Pintail						F. Feb. 20 (5) L. Apr. 7 (3)	F. Mar. 7 (1) L. Mar. 19 (1)		F. Feb. 7 (1) L. May 9 (1)	F. Mar. 25 (7)	F. Mar. 7 (3) L. Apr. 18 (3)	F. Mar. 7 (2) L. Apr. 14 (5)	F. Apr. 17 (3)	F. Apr. 18 (7)	F. Apr. 6 (3)
Green-winged Teal						F. Mar. 23 (3) L. Apr. 30 (5)	L. Mar. 4 (5)		F. Mar. 20 (1) L. May 2 (1)	F. Mar. 14 (7)	F. Apr. 8 (3)	F. Apr. 14 (5) L. May 31 (5)	F. Apr. 9 (3)	F. Apr. 17 (9)	F. Apr. 10 (2)
Blue-winged Teal						F. Feb. 20 (5) L. May 9 (5)	F. Mar. 1 (5) L. Apr. 24 (1)	F. Feb. 26 (6) L. May 3 (6)	F. Mar. 27(1,5)	F. Apr. 9 (7)	F. Apr. 17 (2)	F. Mar. 30 (9)	F. Apr. 12 (9)	F. Apr. 15 (1)	F. Apr. 23 (3)
Shoveller						F. May 2 (5)		F. Mar. 14 (2)	F. Mar. 13 (1)	F. Apr. 9 (7)		F. Mar. 17 (2) L. Apr. 17 (5)	F. Mar. 31 (2)	F. Apr. 7 (1)	F. Apr. 18 (2)
Wood Duck									F. Mar. 26 (11)	F. Apr. 9 (7)	F. May 2 (3)	F. Apr. 11 (5)	F. Apr. 3 (3)	F. Apr. 17 (9)	
Redhead									1/ F. Feb. 20 (4) L. May 23 (1)	3/ F. Mar. 24 (5)	F. Apr. 4 (3) L. Apr. 5 (3)	F. Apr. 10 (2)		F. Apr. 11 (9) L. Apr. 25 (1)	
Ring-necked Duck								3/ F. Mar. 13 (2) L. May 3 (8)	F. Feb. 7 (1) L. May 8 (3)	4/ F. Mar. 14 (5)	F. Mar. 7 (3) L. May 11 (3)	F. Apr. 18 (2) L. May 1 (5)		F. Apr. 10 (1) L. May 8 (7)	
Canvas-back						L. Mar. 2 (4)	F. Feb. 1 (5)		F. Feb. 20 (1) L. Apr. 28(12)	F. Mar. 12 (7)	F. Apr. 5 (3)	F. Mar. 31 (2) L. Apr. 30 (4)	F. Apr. 9 (3)	F. Apr. 11(1,7)	
Greater Scaup Duck									F. Mar. 20 (5) L. Apr. 14 (10)		L. Apr. 20 (3)		F. Mar. 13 (2) L. May 7 (1)	F. Apr. 7 (9) L. May 18 (4)	
Lesser Scaup Duck								3/ F. Mar. 13 (2)	1/ F. Feb. 20 (4) L. May 29 (1)	F. Mar. 14 (7)	F. Mar. 14 (3) L. May 20 (3)	F. Mar. 29 (2) L. May 9 (5)	F. Apr. 9 (3) L. May 17 (9)	F. Apr. 5 (9)	F. Apr. 17 (3)

1/ Bass Lake
2/ Marion Co.
3/ Posey Co.

1/ Ashtabula

1/ Kent Co.
2/ Kalamazoo Co.
3/ Ottawa Co.
4/ Berry Co.

Species	Louisiana	Mississippi	Arkansas	Tennessee	Kentucky	Missouri	Illinois	Indiana	Ohio	Michigan	Ontario	Iowa	Wisconsin	Minnesota	Manitoba
American Golden-eye									L. Apr. 18 (5)	L. Apr. 19 (6)			L. Apr. 22 (7)	F. Apr. 7 (9) L. May 16 (5)	F. Apr. 9 (3)
Bufflehead								F. Mar. 26 (2)	F. Mar. 12 (6) L. May 8 (3)	F. Mar. 12 (7) L. May 2 (3,5)	F. Apr. 4 (3) L. Apr. 30 (3)	F. Apr. 10 (2)	F. Mar. 17 (3) L. May 10 (9)	F. Apr. 10 (1)	
Old Squaw									1/	F. Mar. 27 (5)	F. Apr. 14 (3)		F. Mar. 16 (1) L. Apr. 18 (1)		
Ruddy Duck									F. Mar.27(1,5) L. May 2 (1)	F. Apr. 3 (7) L. Apr. 27 (5)	F. Apr. 4 (3) L. Apr. 21 (3)				
Hooded Merganser									F. Mar. 13 (1)	F. Mar. 26 (7)	F. Mar. 26 (3)		F. Apr. 6 (3)	F. Apr. 16 (5)	
American Merganser						L. Mar. 2 (4)			L. May 18 (12)	1/ F. Mar. 6 (5)	L. May 2 (3)	F. Apr. 8 (2)	F. Mar. 4 (4) L. Apr. 11 (3)	F. Apr. 7 (1) L. May 2 (2)	
Red-breasted Merganser									F. Mar. 27 (1) L. May 16 (1)	1/ F. Mar. 27 (5)	F. Apr. 17 (2) L. Apr. 30 (2)		F. Apr. 24 (3)	F. Apr. 10 (1)	
Turkey Vulture						F. Mar. 27 (4)		F. Mar. 3 (9)	F. Feb. 22 (9)	2/ F. Mar. 14 (5)		F. Apr. 28 (4)	F. Apr. 14 (2)	F. Apr. 15 (7)	
Eastern Goshawk									F. Mar. 31 (1)	F. Feb. 19 (3)			F. Apr. 26 (5)	F. Apr. 17 (4)	
Sharp-shinned Hawk						F. Feb. 21 (4)			F. Apr. 3 (1,11)	F. Apr. 8 (7)	F. Apr. 30 (2)	F. Apr. 14 (5)		F. Mar. 18 (1)	F. Apr. 15 (3)
Cooper's Hawk							F. Mar. 17 (1)	F. Apr. 28 (8)	F. Mar. 31 (7)	3/ F. Mar. 1 (5)	F. May 14 (1)		F. Mar. 23 (2)	F. Apr. 9 (9)	
Red-tailed Hawk								F. Mar. 2 (8)	F. Feb. 27(1,4)	3/ F. Mar. 14 (5)			F. Mar. 28 (3)	F. Apr. 4 (1)	F. Mar. 30 (3)
Red-shouldered Hawk								F. Feb. 10 (8)	F. Mar. 6 (1)	F. Feb. 28 (7)	F. Mar. 23 (3)	F. Apr. 18 (5)	F. Mar. 7 (3)	F. Apr. 6 (7)	
Broad-winged Hawk						L. May 1 (3)			L. May 16 (6)	F. Apr. 24 (7)	F. Apr. 30 (3)		F. Mar. 28 (9)	F. Apr. 11 (7)	F. May 23 (3)
American Rough-legged Hawk							L. Apr. 16 (1)	1/ F. Mar. 21 (2)	L. Apr. 18 (5)	F. Apr. 3 (6)	F. Apr. 5 (1) L. Apr. 24 (3)	1/ L. Mar. 28 (9)	L. Mar. 6 (6)	L. Apr. 14 (8)	F. Apr. 1 (2)
Northern Bald Eagle									F. Feb. 28 (1)	F. Apr. 15 (3)	F. Mar. 14 (3)				
Marsh Hawk							F. Mar. 16 (3)	F. Feb. 10 (8)	F. Feb. 20 (7)	F. Mar. 14 (5)	F. Apr. 7 (3)	F. Mar. 5 (9)	F. Mar. 28 (6)	F. Apr. 4 (1)	F. Mar. 29 (2)
Osprey									F. Apr. 2 (9)	F. Apr. 19 (7)	F. Apr. 21 (3)	F. May 1 (5)		F. Apr. 17 (1)	
Duck Hawk									F. Apr. 18 (1) L. May 30 (1)	F. Apr. 14 (3)					
Northern Pigeon Hawk						L. May 23 (6)			F. Apr. 4 (1) L. Apr. 11 (1)	F. Apr. 19 (3) L. May 27 (3)		F. Mar. 24 (9)	F. Apr. 9 (3)	F. Apr. 17 (9)	
Eastern Sparrow Hawk						F. Feb. 16 (4)	F. Apr. 5 (1)	F. Mar. 19 (8)		4/ F. Mar. 14(4,5	F. Apr. 29 (3)	F. Mar. 6 (4)	F. Apr. 4 (9)	F. Apr. 13 (9)	F. Apr. 16 (3)
Sandhill Crane								2/ F. Mar. 24 (2)		F. May 3 (6)			F. May 11 (3)		F. May 2 (3)
King Rail						F. May 5 (5)		F. May 1 (6)	F. Apr. 25 (1)						
Virginia Rail								F. Apr. 17 (6)	F. Apr. 12 (11)	F. May 15 (7)	F. Apr. 20 (3)			F. May 15 (1)	
Sora									F. Apr. 24 (11)	F. Apr. 27 (7)	F. May 11 (3)		F. May 6 (2)	F. Apr. 30 (1)	
Florida Gallinule									F. Apr. 18 (5)		F. Apr. 16 (3) L. Apr. 18 (3)		F. May 5 (4)	F. May 15 (1)	
American Coot						F. May 5 (5)		3/ F. Mar. 13 (2)	F. Mar. 17 (12)	F. Apr. 10 (1)		F. Apr. 9 (2)	F. Apr. 24 (3)	F. Apr. 7 (1)	

1/ Logansport
2/ Jasper-Pulaski Game Farm
3/ Posey Co.

1/ Ottawa Co.
2/ Barry Co.
3/ Kent Co.
4/ Birmingham Co.

1/ Clayton Co.

Species	Louisiana	Mississippi	Arkansas	Tennessee	Kentucky	Missouri	Illinois	Indiana	Ohio	Michigan	Ontario	Iowa	Wisconsin	Minnesota	Manitoba
Piping Plover									F. Apr. 25 (1)		F. May 9 (4)			F. May 9 (5)	
Semipalmated Plover									F. May 8 (1) L. June 19 (1)	1/ F. May 17 (5)	F. May 23 (3)	F. May 22 (9)		F. May 8 (1) L. May 23 (1)	
Killdeer						F. Feb. 20 (2)	F. Mar. 4 (4)	F. Feb. 15 (7)	F. Feb. 19(12)	F. Feb. 20 (7)	F. Mar. 19 (3)	F. Mar. 5 (9)	F. Mar. 22 (1, 2,6,7)	F. Apr. 6(7,9)	F. Apr. 11 (3)
American Golden Plover									F. Apr. 4 (5)						
Black-bellied Plover									F. May 19 (1) L. May 30 (1)				F. May 22 (3)	L. June 3 (7)	
Ruddy Turnstone									F. May 8 (2,3) L. June 6 (1)				F. May 22 (3)		
American Woodcock								F. Apr. 8 (6)	F. Mar. 1 (9)	1/ F. Mar. 31 (5)	F. Apr. 12 (3)		F. Mar. 23 (2)		F. Apr. 25 (2)
Wilson's Snipe						F. Apr. 10 (3)		F. Mar. 10 (3) L. May 12 (3)	F. Mar. 4 (9)	F. Apr. 1 (1)	F. Apr. 20 (3)	F. Apr. 14 (2)	F. Apr. 17 (3)	F. Apr. 13 (7)	F. Apr. 24 (3)
Hudsonian Curlew														F. May 22 (5)	F. May 7 (3)
Upland Plover						F. Apr. 4 (3)	F. Apr. 17 (1) L. Apr. 23 (1)	F. Apr. 14 (3)	F. Apr. 7 (9)	F. Apr. 25 (7)	F. Apr. 25 (3)	F. May 2 (9)	F. May 10 (1)		F. May 5 (3)
Spotted Sandpiper						F. Apr. 28 (3)		F. Apr. 29 (8)	F. Apr. 13 (9)	F. Apr. 23 (7)	F. Apr. 25 (3)	1/ F. May 8 (9)	F. Apr. 28 (2)	F. Apr. 23 (1)	
Eastern Solitary Sandpiper						F. Apr. 7 (3) L. May 23 (6)	F. Apr. 24 (1) L. May 12 (1)	F. Apr. 22 (6)	F. Apr. 23 (10) L. May 30 (1)	2/ F. May 2 (5)	F. May 12 (3)	F. Apr. 30(5,9) L. May 16 (9)	F. Apr. 27 (2) L. May 16 (2)	F. Apr. 28 (7) L. May 23 (1)	F. May 2 (2)
Greater Yellowlegs						F. Mar. 23 (3)		F. Apr.20(5,8)	F. Mar. 29 (9) L. May 22 (12)	F. May 2 (7)	F. May 2 (3)	F. Apr. 17 (5)	F. Apr. 18 (9)	F. Apr. 18 (1) L. May 18 (8)	F. Apr. 20 (2)
Lesser Yellowlegs						F. Apr. 7 (3)		F. Apr. 20 (8) L. Apr. 25 (8)	F. Apr. 3 (1) L. June 5 (1)	F. May 5 (7)		F. Apr. 26 (4)	F. Apr. 14 (3) L. May 8 (3)	F. Apr. 11 (1) L. May 8 (1)	
Pectoral Sandpiper							F. Apr. 26 (1) L. Apr. 27 (1)		F. Mar. 30 (5) L. May 16 (1)	F. May 5 (7)		F. May 11 (5)		F. Apr. 25 (1) L. May 23 (1)	
Least Sandpiper								F. Apr. 29 (5)	F. May 8 (1) L. May 23 (1,5)	1/ F. May 20 (5)	F. May 23 (3)		F. May 22(3,9)	F. May 23 (1) L. June 2 (7)	F. May 14 (3)
Red-backed Sandpiper									F. May 8 (3) L. May 22 (3)	3/ F. May 20 (5)				F. May 23 (1)	
Semipalmated Sandpiper									F. May 22 (1) L. June 19 (1)	3/ F. May 20 (5)	F. May 23 (3)			F. May 23 (1)	
Sanderling									F. Apr. 24(12) L. May 23 (12)						
Wilson's Phalarope												F. May 6 (2)			F. May 9 (2)
Herring Gull						F. Feb. 28 (6)	F. Mar. 5 (1)	F. Mar. 21 (2)	L. Apr. 9 (10)	F. Apr. 4 (3)		F. Mar. 17 (2) L. Apr. 18 (9)	L. Apr. 25 (3)	F. Apr. 6 (9) L. May 22 (7)	F. Mar. 15 (1)
Ring-billed Gull								F. Feb. 14 (2)	F. Feb. 20 (1) L. May 16 (6)	4/ F. May 2 (5)	F. Mar. 7 (3)	F. May 5 (5)	F. Mar. 28 (3)	F. Mar. 27 (1) L. May 28 (7)	
Franklin's Gull												F. Apr. 22 (2)			F. Mar. 15 (1)
Bonaparte's Gull									F. Mar. 25 (1) L.May 29 (1,2)	F. Apr. 8 (7) L. May 2 (5)	F. Apr. 9 (2) L. May 9 (2)		F. Apr. 10 (1)	F. May 2 (5) L. May 22 (5)	
Common Tern						F. Mar. 9 (4)			F. Apr. 25 (1,12)	5/ F. May 2 (4)	F. Apr. 27 (2)		F. May 2 (4) L. May 26 (1)	F. May 5 (1) L. May 30 (1)	
Caspian Tern									F. Apr. 18 (5) L. June 19 (1)	F. May 16 (6)				F. May 28 (1) L. May 31 (1)	
Black Tern									F. May 8 (1,3)	F. May 8 (7)		F. May 15 (3)	F. May 1 (4)	F. Apr. 30 (1)	F. May 15 (3)

1/ Kent Co.
2/ Ionia Co.
3/ Gratiot Co.
4/ Ottawa Co.
5/ Grosse Ile

1/ Black Hawk Co.

Species	Louisiana	Mississippi	Arkansas	Tennessee	Kentucky	Missouri	Illinois	Indiana	Ohio	Michigan	Ontario	Iowa	Wisconsin	Minnesota	Manitoba
Mourning Dove		F. Feb. 5 (1)				F. Feb. 25 (6)	F. Mar. 7 (4)	F. Feb. 22 (9)	F. Feb. 13 (5)	1/ F. Mar. 14 (2)	F. Mar. 23 (3)	F. Mar. 22 (6)	F. Mar. 29(1,6)	F. Apr. 8 (1)	F. Apr. 16 (3)
Yellow-billed Cuckoo	F. Apr. 15 (1)	F. May 9 (1)	F. Apr. 20 (1)	F. May 1		F. May 8 (3)	F. Apr. 22 (4)	F. Apr. 27 (4)	F. May 1 (12)		F. May 14 (3)	F. May 18 (4)	F. May 27 (3)		
Black-billed Cuckoo						F. May 19 (3)		F. May 2 (6)	F. May 6 (12)	F. May 22 (7)	F. May 13 (2)	F. May 15 (4)	F. May 12 (1)	F. May 15 (4)	F. May 23 (3)
Whip-poor-will		F. Mar. 31 (2)	F. Apr. 2 (1)		F. Apr. 21	F. Apr. 18 (3)	F. Apr. 20 (1)	F. Apr. 15 (7)	F. Apr. 16 (9)	F. May 3 (6)	F. Apr. 28 (1)	F. Apr. 21 (7)	F. May 19 (3)	F. May 1 (7)	F. May 2 (2)
Eastern Nighthawk	F. Apr. 17 (1)	F. May 6 (1)		F. May 2		F. May 2 (3)	F. May 10 (1)		F. Apr.25 (8,9)	F. May 6 (7)	F. May 18 (3)	F. May 8 (4)	F. Apr. 23 (5)	F. May 14 (8)	F. May 18 (3)
Chimney Swift	F. Mar. 27 (1)		F. Mar. 18 (1)	F. Apr. 17		F. Apr. 9 (3)	F. Apr. 10 (4)	F. Apr. 11 (3)	F. Apr. 14 (8)	1/ F. Apr. 20 (5)	F. Apr. 23 (2)	F. Apr. 19 (4)	F. Apr.23 (1,6)	F. Apr. 29 (3)	
Ruby-throated Hummingbird	F. Feb. 20 (1)	F. Mar. 25 (2)	F. Apr. 12 (1)				F. Apr. 20 (4)	F. May 1 (2)	F. Apr. 25 (9)	1/ F. May 25 (5)	F. May 12 (2)	F. May 17 (6)	F. May 21 (8)	F. May 18 (4)	F. May 24 (3)
Eastern Belted Kingfisher						F. Mar. 27 (3)	F. Mar. 6 (4)	F. Feb. 13 (5)	F. Mar. 15 (9)	1/ F. Mar. 31 (5)	F. Mar. 22 (3)	F. Mar. 30 (9)	F. Apr. 7 (7)	F. Apr. 11 (1)	F. May 1 (2)
Flicker						F. Feb. 15 (4)	F. Mar. 29 (1)	F. Mar. 15 (4)	F. Feb. 15 (5)	F. Mar. 30 (4)	F. Apr. 7 (3)	F. Mar. 23 (4)	F. Mar. 22 (2)	F. Apr. 12 (9)	F. Mar. 25 (1)
Red-headed Woodpecker						F. Feb. 28 (6)	F. Mar. 3 (4)	F. Mar. 1 (6)	F. Feb. 28 (6)	2/ F. Apr. 4 (8)		F. Apr. 26 (4)	F. Mar. 9 (4)	F. Apr. 10 (6)	F. June 5 (1)
Yellow-bellied Sapsucker						F. Apr. 3 (3)	F. Apr. 4 (1) L. Apr. 30 (1)	F. Apr.13 (5,8) L. May 9 (1)	F. Mar. 12 (9) L. May 16 (12)	F. Apr. 4 (7)	F. Apr. 18 (3)	F. Apr. 7 (6)	F. Mar. 31 (2)	F. Apr.13(2,5)	
Eastern Kingbird	F. Mar. 25 (2)	F. Apr. 11 (1)	F. Apr. 13 (1)			F. May 1 (3)	F. May 3 (1)	1/ F. Apr. 25 (2)	F. Apr. 23 (9)	2/ F. Apr. 18 (8)	F. May 4 (3)	F. May 4 (8)	F. May 7 (4)	F. Apr. 25 (9)	F. May 10 (3)
Arkansas Kingbird												F. May 12 (3)		F. May 21 (9)	F. May 18 (3)
Crested Flycatcher	F. Apr. 16 (1)	F. Apr. 15 (1)	F. Apr. 13 (1)			F. Apr. 23 (4)	F. May 8 (1)	F. Apr. 25 (1)	F.Apr. 27 (10)	F. May 2 (7)	F. May 9 (2)	1/ F. May 8 (9,4)	F. May 8 (3)	F. May 12 (7)	
Phoebe						F. Feb. 17 (5)		F. Mar. 15 (4)	F. Mar. 3 (9)	F. Mar. 27 (7)	F. Apr. 8 (3)	F. Mar. 23 (4)	F. Apr. 9 (7)	F. Apr. 10 (3)	F. Apr. 17 (3)
Yellow-bellied Flycatcher						F. May 19 (3)	F. May 19 (4)		F. May 19(6,8)	F. May 24 (7)		F. May 22 (5) L. May 27 (5)	F. May 21 (1) L. May 23 (3)	F. May 16 (1) L. May 23 (1)	F. May 18 (3)
Acadian Flycatcher						F. May 8 (3)			F. May 9 (1, 5,12)			F. May 8 (5)		F. May 11 (4)	
Alder Flycatcher						F. May 23 (6)			F. May 16 (3,11)		F. May 25 (3)		F. May 14 (3)	F. May 11 (1)	
Least Flycatcher						F. Apr. 27 (4)	F. May 16 (6)	F. May 9 (1)	F. Apr. 21 (9)	F. May 4 (7)	F. Apr. 20 (3)	F. Apr. 30 (1)	F. May 9 (3)	F. Apr. 23 (2)	F. May 3 (2)
Eastern Wood Pewee		F. May 3 (1)				F. Apr. 26 (4)	F. Apr. 12 (6)	F. May 2 (3)	F. Apr. 30 (9)	1/ F. May 13 (5)	F. May 22 (3)	F. May 8 (4)	F. May 12 (1)	F. May 9 (7)	
Olive-sided Flycatcher						F. May 8 (3)	F. May 22 (6)		F. May 16 (1) L. May 30 (1)	F. May 24 (6)		F. May 22 (5) L. May 29 (5)		F. May 13 (1) L. May 29 (5)	
Horned Lark								F. Feb. 12 (8)		F. Feb. 14 (7)	F. Feb. 14 (3)		F. Feb. 14 (3)	F. Feb. 13 (1)	F. Feb. 12 (1)
Tree Swallow	F. Feb. 18 (1)					F. Apr. 25 (4)		F. Apr. 20 (8)	F. Apr. 4 (1)	F. Apr. 7 (7)	F. Apr. 18 (3)	F. Apr. 17 (3)	F. Apr. 5 (2)	F. Apr. 11 (7)	F. May 1 (3)
Bank Swallow						F. Apr. 18 (6)	F. May 8 (3)	F. Apr. 6 (5)	F. Apr. 10 (3)	F. Apr. 25 (7)	F. May 2 (3)	F. May 9 (6)	F. Apr. 10 (2)	F. Apr. 15 (6)	F. May 5 (3)
Rough-winged Swallow	F. Apr. 3 (1)	F. Apr. 7 (1)				F. Apr. 7 (3)			F. Apr. 16 (9)	F. Apr. 18 (7)	F. Apr. 18 (3)	F. Apr. 17 (4)	F. Apr. 17 (3)	F. Apr. 23 (1)	
Barn Swallow	F. Apr. 9 (1)					F. Apr. 11 (3)	F. Mar. 22 (4)	F. Apr. 17 (9)	F. Apr. 13 (5,14)	F. Apr. 16 (7)	F. Apr. 18 (3)	F. Apr. 20 (9)	F. Apr. 14 (6)	F.Apr.25(1,9)	F. May 4 (3)
Cliff Swallow							F. Apr. 13 (1)		F. Apr. 20 (12)	F. Apr. 21 (7)	F. May 9 (3)		F. May 19 (3)	F. Apr. 25 (9)	F. May 16 (3)

1/ Fulton Co.

1/ Kent Co.
2/ Oakland Co.
3/ Ypsilanti Co.

1/ Black Hawk Co.

Species	Louisiana	Mississippi	Arkansas	Tennessee	Kentucky	Missouri	Illinois	Indiana	Ohio	Michigan	Ontario	Iowa	Wisconsin	Minnesota	Manitoba
Purple Martin	F. Feb. 16 (1)	F. Mar. 1 (2)	F. Feb. 28 (1)			F. Mar. 19 (3)	F. Mar. 27 (4)	F. Mar. 22 (7)	F. Mar. 25(14)	F. Apr. 4 (1)	F. Apr. 14 (2)	F. Mar. 23 (4)	F. Mar. 5 (5)	F. Apr. 6 (9)	F. May 1 (2)
Brown Creeper								L. Apr. 16 (8)	L. May 15 (1)	L. May 4 (3)	L.Apr. 27(1,2)	L. Apr. 30 (5)	F. Mar. 5 (1) L. May 1 (1)	F. Apr. 11 (8) L. May 10 (8)	
House Wren			F. Apr. 3 (2)			F. Mar. 31 (3)	F. Apr. 10 (4)	F. Apr. 9 (4)	F. Apr. 5 (12)	F. Apr. 25(1,7)	F. Apr. 30 (2)	F. Apr. 19 (4)	F.Apr.28(2,5)	F. Apr. 30 (1)	F. May 15 (3)
Eastern Winter Wren						F. Mar. 10 (3)		L. Apr. 23 (8)	L. May 9 (2)	F. Apr. 28 (3)	F. Apr. 16 (1)	F. Apr. 3 (4)	F. Apr. 14 (3) L. May 7 (2)	F. Apr. 15 (1)	
Bewick's Wren						F. Feb. 28 (6)	F. Apr. 17 (1)	F. Apr. 25 (1)	F. Feb. 22 (5)						
Long-billed Marsh Wren						F. Feb. 28 (6)	F. May 16 (3)	F. May 1 (8)	F. Apr. 23 (9)	F. May 2 (7)	F. May 3 (3)			F. May 15 (1)	
Short-billed Marsh Wren						F. Apr. 18 (6)			1/ F. May 7 (4)	1/ F. May 15 (4,5)	F. May 13 (3)		F. June 10 (1)	F. May 9 (9)	
Catbird		F. Apr. 13 (1)		F. Apr. 23	F. Apr. 21	F. Apr. 30 (4)	F. May 1 (4)	F. Mar. 15 (6)	F. Apr. 23 (9)	F. May 4 (7)	F. May 4 (3)	F. May 5 (6)	F. May 7 (5)	F. May 6(5,7)	F. May 12 (1,2)
Brown Thrasher						F. Apr. 4 (4)	F. Apr. 5 (4)	F. Mar. 20 (4)	F. Mar. 30 (9)	2/ F. Apr.19(5,7)	F. Apr. 23 (3)	F. Apr.17(4,9)	F. Apr. 21 (7)	F. Apr. 23 (2)	F. May 11 (3)
Eastern Robin	L. Mar. 16 (2)					F. Feb. 26 (2)	F. Feb. 28 (4)	F. Feb. 1 (7)	F. Feb. 1 (14)	1/ F. Mar. 8 (2)	F. Feb. 23 (3)	F. Feb. 1 (1)	F. Mar. 4 (5)	F. Mar. 11 (6)	F. Mar. 12 (1)
Wood Thrush		F. Apr. 17 (1)	F. Apr. 2 (2)			F. Apr. 16 (3)	F. Apr. 18 (4)	F. Apr. 23 (3)	F. Apr. 23 (9)	F. May 4 (7)	F. May 13 (3)		F. May 5 (2)	F. Apr. 12 (9)	
Eastern Hermit Thrush						F. Feb. 28 (6) L. May 8 (3)	F. Apr. 3 (4)	F. Apr. 5 (8) L. May 10 (8)	F.Apr.4(1,5,10,12) L.May 15(1,9,12)	F. Apr. 6 (7) L. Apr. 16(5)	F. Apr. 9 (3)	F. Apr. 10 (5) L. May 4 (5)	F. Apr. 6 (1) L. May 23 (1)	F. Apr. 11 (1) L. May 18 (4)	F. May 8 (3) L. May 17 (3)
Olive-backed Thrush			F. May 10 (1)			F. May 8 (3) L. May 23 (6)	F. May 9 (3)	F. May 4 (5)	F. Apr. 9 (12) L.May 30(1,11)	F. May 12 (7)	F. May 11 (3) L. May 25 (2)	F. May 8 (4) L. May 23 (5)	F. May 1 (2) L. May 28 (1)	F.May 8 (1,2) L. May 26 (1)	F. May 11 (3)
Grey-cheeked Thrush								F. May 1 (8)	F. May 3 (9) L. May 27 (9)	F. May 12 (7)	F. May 15 (3)	F. May 8 (5,9) L.May 23 (5,9)	F. May 12 (1) L. May 28 (1)	F.May 11(1,2,7) L. May 23 (1,2	
Veery							F. Apr. 14 (3) L. May 10 (4)	F. Apr. 23 (7)	F. Apr. 25(12) L. May 16 (12)	F. May 19 (3)	F. May 3 (3)	F. May 8 (5) L. May 23 (5)	F. May 10 (4) L. May 29 (3)	F. May 4 (6)	F. May 14 (3)
Eastern Bluebird		L. Feb. 3 (1)				F. Feb. 18 (2)	F. Mar. 3 (1)	F. Feb. 15 (7)	F. Feb. 21 (5)	F. Feb. 15 (7)	F. Mar. 22 (2)	F.Feb.25 (1,4)	F. Mar. 6 (6)	F. Apr.7 (1,3)	F. Mar. 21 (1)
Blue-gray Gnatcatcher						F. Apr. 17 (3)		F. Apr. 24 (2)	F. Apr. 13 (9)	2/ F. May 15 (5)	F. May 9 (4)	F. May 8 (5)	F. May 17 (2)		
Eastern Golden-crowned Kinglet						F. Apr. 3 (3)		1/ F. Apr. 11 (2)	F. Apr. 6 (13) L. May 23 (1)	L. Apr. 30 (3)	F. Mar. 7 (3)	F. Apr. 9 (4)	F. Apr. 3 (2) L. May 1 (7)	F. Apr. 11 (1) L. May 6 (5)	F. Apr. 27 (3)
Eastern Ruby-crowned Kinglet		L. Mar. 2 (1)				F. Mar. 10 (3) L. May 23 (6)	F.Apr. 18(1,4) L. May 6 (1)	F. Apr. 17 (2) L. May 3 (8)	F. Mar. 10 (9) L. May 23 (1)	2/ F. Apr. 19 (5)	F. Apr. 14 (3)	F. Apr. 11 (9) L. May 8 (9)	F. Apr. 10 (4) L. May 21 (3)	F. Apr. 2 (3) L. May 21 (1)	F. Apr. 26 (2)
American Pipit									F. Mar. 4 (5) L. May 21 (1)	F. May 8 (3) L. May 27 (3)	F. May 9 (3)	1/			
Cedar Waxwing	F. Jan. 26 (1)	L. Apr. 14 (1)						F. Mar. 5 (7)	F. Feb.28(1,11)	F. May 25 (3)	F. Apr. 30 (2)	F. May 19 (6)	F. Apr. 23 (3)	F. Mar. 9 (3)	F. May 25 (3)
Northern Shrike										L. Jan. 24 (3)			F. Mar. 23 (2) L. Apr. 27 (9)		
Migrant Shrike						F. Mar. 11 (3)	F. Mar. 26 (1)	F. Mar. 30 (8)	2/ F. Mar. 26 (6)	F. Apr. 7 (4)		F. Mar. 6 (3)	F. May 9 (4)	F. Apr. 15 (1)	F. Apr. 30 (3)
White-eyed Vireo			F. Apr. 4 (1)			F. Apr. 18 (6)			F. Apr. 24 (9)						
Bell's Vireo							F. May 15 (1)			1/ F. Apr. 18 (5)					
Yellow-throated Vireo			F. Apr. 11 (1)			F. May 8 (3)	F. May 9 (1)	F. Apr. 29 (8)	F. Apr. 26 (9)	2/ F. May 5 (5)	F. May 12 (3)	F. May 8 (4)		F. May 9 (8)	
Blue-headed Vireo						F. Apr. 18 (6)		F. Mar. 18 (6)	F. May 1 (12) L. May 25 (7)	F. May 8 (7)	F. May 10 (3)	F. May 8 (5,7)	F. May 17 (3) L. May 23 (3)	F. May 8 (1) L. May 23 (1)	

1/ Marion Co. 1/ Painesville 2/ Montclova 1/ Jackson Co. 2/ Kent Co. 3/ Tuscarawas Co. 4/ Ottawa Co. 1/ Black Hawk Co.

Species	Louisiana	Mississippi	Arkansas	Tennessee	Kentucky	Missouri	Illinois	Indiana	Ohio	Michigan	Ontario	Iowa	Wisconsin	Minnesota	Manitoba
Red-eyed Vireo		F. May 4 (1)	F. Apr. 20 (1)			F. May 8 (3)	F. May 9 (1)	F. May 1 (2,5)	F. Apr. 24 (4) [2/]	F. May 15 (5)	F. May 13 (1)		F. May 8 (5)	F. May 15 (6)	F. May 26 (3)
Philadelphia Vireo						L. May 23 (6)			F. May 21 (5) L. May 29 (5)	F. May 16 (6) L. May 28 (6)	F. May 9 (4)	F. May 23 (5)		F. May 9 (5) L. May 21 (1)	
Warbling Vireo			F. Apr. 19 (1)				F. Apr. 22 (4)	F. Apr. 23 (7)	F. Apr. 19 (9)	F. May 5 (7)	F. May 12 (3)	F. May 8 (4)	F. May 8 (3)	F. May 12(1,7)	F. May 24 (3)
Black and White Warbler						F. Apr. 17 (3)	F. May 1 (4)	F. Apr. 17 (2)	F. Apr. 24 (1)	F. May 1 (5) [1/]	F. May 4 (3)	F. May 8(4,5,9)	F. May 1 (1,4)	F. May 1 (1)	F. May 15 (3)
Prothonotary Warbler	F. Apr. 3 (1)					F. Apr. 18 (6)		F. May 8 (5)	F. Apr. 26 (9)		F. May 9 (4)	F. May 16 (2)	F. May 15 (3)		
Worm-eating Warbler						F. Apr. 18 (6)	F. May 15 (4)		F. Apr. 25(4,9)						
Golden-winged Warbler						F. Apr. 18 (6)		L. May 16 (1)	F. May 9 (1)	F. May 5 (7)	F. May 5 (3)	F. May 10 (5)			
Blue-winged Warbler						F. May 8 (3)		F. May 2 (1) L. May 6 (1)	F. May 2(3,12)	F. May 15 (5) [2/]		F. May 16 (9)			
Tennessee Warbler			F. Apr. 27 (1)			F. May 8 (3)	F. May 15 (1) L. May 24 (1)		F. May 4 (12) L. May 29 (5)	F. May 18 (3) L. May 23 (3)	F. May 9 (4)	F. May 11 (5) L. May 26 (5)	F.May 22 (3,5)	F. May 12(1,7) L. May 25(1,5)	F. May 24 (3)
Orange-crowned Warbler						F. May 1 (3)	L. May 16 (1)		F. May 2 (1) L. May 20 (3)		F. May 13 (3) L. May 14 (3)	F. Apr. 30 (5) L. May 21 (4)		F. Apr. 23 (1) L. May 20 (1)	F. May 2 (2)
Nashville Warbler						F. May 8 (3)	F. May 16(1,6)	F. May 6 (1) L. May 10 (5)	F. Apr. 19 (5) L. May 27 (7)	F. May 10 (7)	F. May 3 (3)	F. May 10 (5) L. May 23 (6)	F. May 9 (1)	F. May 7 (7) L. May 29 (5)	
Northern Parula Warbler			F. May 9 (1)			F. Apr. 17 (3)			F. Apr. 24 (4) [2/]	F. May 15 (7)	F. May 11 (3)	F. May 8 (9) [1/]	F. May 17 (3)	F. May 21 (1)	
Eastern Yellow Warbler		F. May 12 (1)	F. May 10 (1)			F. May 1 (3)	F. May 9 (1)	F. Apr. 24 (2)	F. Apr. 12 (5)	F. Apr. 28 (7)	F. May 2 (2)	F. Apr. 30 (4)	F. Apr. 28 (2)	F. May 8 (1)	F. May 17 (3)
Magnolia Warbler		F. May 10 (1)				F. May 8 (3)	F. May 15 (1) L. May 25 (4)	F. May 10 (5) L. May 19 (1)	F. Apr. 23 (9) L. May 29 (7)	F. May 12 (7)	F. May 11 (3)	F. May 8 (4,5) L. May 23 (5)	F. May 7 (2) L. May 26 (1)	F. May 9 (9) L. June 1 (4)	
Cape May Warbler				F. May 4 L. May 7				F. May 1 (1) L. May 19 (1)	F.May 2(1,2,3) L. May 22 (5)	F. May 13 (5) [1/]	F. May 9 (4) L. May 14 (3)	F. May 12 (5) L.May 23(5,6)	F. May 14 (4)	F. May 8 (8) L. May 26 (5)	F. May 22 (3)
Black-throated Blue Warbler						F. Apr. 18 (6)		L. May 18 (1)	F. May 2 (1) L. May 30 (7)	F. May 13 (7)	F. May 10 (3)		F. May 13 (4)		
Myrtle Warbler		L. May 8 (1)				F. Apr. 18 (6) L. May 12 (3)	F. Apr. 23 (1) L. May 22 (4)	F. Apr. 24(2,5) L. May 19 (1)	F. Apr. 11 (5) L.May 23(3,4)	F. Apr. 17 (5) [1/]	F. Apr. 24 (3)	F. Apr. 17 (5) L. May 21 (5)	F. Apr. 17 (1) L. May 22 (3)	F. Apr. 13 (5)	F. Apr. 26 (2)
Black-throated Green Warbler							F. May 16 (3)	F. May 6 (1) L. May 19 (1)	F. Apr. 23 (9) L. May 24 (5)	F. May 2 (7)	F. May 2 (3)	F. May 8 (5) L. May 23 (6)	F. May 6 (3) L. May 22(1,3)	F. May 1 (1)	F. May 2 (2)
Cerulean Warbler						F. May 8 (3)	F. May 16 (4)	F. Apr. 24 (2)	F. May 8 (3,4) [3/]	F. May 7 (7)	F. May 13 (3)			F. May 15 (1)	
Blackburnian Warbler						F. May 8 (3)	F. May 9 (1) L. May 24 (4)	F. May 4 (1) L. May 19 (1)	F. Apr. 26 (9) L. May 29 (7)	F. May 12 (7)	F. May 5 (3) L. May 21 (3)	F. May 8 (9,5) [1/] L. May 23(5,6)	F. May 9 (1,3)	F. May 15(1,7)	
Chestnut-sided Warbler						F. May 8 (3)	F. May 9 (1) L. May 23 (1)	F. May 11 (8) L. May 19 (1)	F. Apr. 28 (9) L. May 30 (7)	F. May 12 (7)	F. May 13 (3)	F. May 8 (9) [1/] L. May 23(5,6)	F. May 12(1,7)	F. May 15 (1)	F. May 25 (3)
Bay-breasted Warbler			F. May 9 (1)			F. May 8 (3)		F. May 15 (1) L. May 19 (1)	F. Apr. 29 (9) L.May 29(5,7)	F. May 14 (5) [3/]	F. May 12 (1) L. May 23 (1)	F. May 14 (5) L. May 23 (5)	F. May 19 (4)	F. May 15 (1) L. May 22 (1)	
Black-poll Warbler			F. May 9 (1)	F. May 8 L. May 10		F. Apr. 18 (6)	F. May 15 (3) L. May 24 (1)	F. May 16 (1)	F. May 8 (12) L.May 29(5,7,11)	F. May 26 (5) [4/]	F. May 22 (3) L. May 26 (3)	F. May 11 (4) L. May 25 (5)	F. May 10 (2) L.May 28(3,7)	F. May 9 (1) L. June 9 (4)	F. May 25 (3)
Northern Pine Warbler								F. Apr. 17 (2)	F. Apr.20(3,5)	F. May 21 (5) [4/]	F. Apr. 25 (3)			F. Apr. 24 (1)	
Northern Prairie Warbler						F. May 8 (3)			F. Apr. 24 (4) [2/]						
Western Palm Warbler						L. May 23 (6)		F. Apr. 22 (6) L. May 19 (1)	F. Apr. 13 (1) L. May 30 (7)	F. May 1 (7)	F. May 1 (1,3) L. May 20 (3)	F. Apr. 30 (5) L. May 15 (2)	F.Apr. 18 (4)	F. Apr. 22 (7) L. May 22(1,5)	F. May 2 (2)
Ovenbird						F. Apr. 18 (6)	F. May 2 (4)	F. May 9 (1)	F. Apr. 24(4,6) [2/]	F. May 5 (5) [1/]	F. May 3 (3)	F. May 8 (9) [1/]	F. May 5 (2)	F. May 8 (1)	F. May 20 (3)

[2/] Logan
[3/] Bedford

[1/] Kent Co.
[2/] Calhoun Co.
[3/] Jackson Co.
[4/] Roscommon Co.

[1/] Black Hawk Co.

Species	Louisiana	Mississippi	Arkansas	Tennessee	Kentucky	Missouri	Illinois	Indiana	Ohio	Michigan	Ontario	Iowa	Wisconsin	Minnesota	Manitoba
Grinnell's Water-thrush						F. Apr. 18(6)	L. May 22 (6)	F. Apr. 24 (2)	F. Apr. 19 (9) L.May 23 (1,4)	1/ F. May 15 (5)	F. May 1 (3)	1/ F. May 8(9,5) L. May 23 (5)	F. May 2 (3)	F. May 8 (1) L.May 23(2,7)	F. May 6 (3)
Louisiana Water-thrush						F. Apr. 16(3)		F. Apr. 24 (2)	F. Apr. 5 (9)		F. Apr. 25 (3)		F. May 12 (1)	F. Apr. 23(1)	
Kentucky Warbler		F. Apr. 23 (1)				F. May 1 (3)		F. May 1 (2)	F. Apr. 21 (9)						
Connecticut Warbler			F. Apr. 28 (1)			L. May 23 (6)	L. May 23 (1)		F. May 6 (9) L. May 23 (11)	F. May 22 (7)	F. May 19 (3)		F. May 18 (2)	F. May 23 (5) L. June 3 (4)	
Mourning Warbler									F. May 15 (3)	F. May 26 (3)	F. May 23 (3)	F. May 16 (6)	F. May 12 (1)	F. May 17 (4)	F. May 27 (3)
Northern Yellow-throat		F. Apr. 7 (1)		F. Apr. 25		F. Apr. 14 (4)		F. Apr. 23 (3)	F. Apr. 23 (9)	2/ F. Apr. 27 (5)	F. May 2 (3)	1/ F. May 8(9,4)	F. May 5 (2)	F. May 11 (7)	
Yellow-breasted Chat		F. Apr. 22 (1)	F. Apr. 27 (1)			F. May 8 (3)	F. May 14 (3)	F. May 4 (9)	F. Apr. 24 (9)				F. May 17 (2)		
Hooded Warbler		F. Apr. 5 (1)							1/ F. May 1 (4)						
Wilson's Warbler						F. May 12 (3)	F. May 12 (6) L. May 25 (4)	F. May 16 (1)	F. May 9 (9) L. May 30 (1)	F. May 13 (7)	F. May 5 (3)	F. May 8(9,5) L. May 23 (5)	F.May 15 (2,4) L.May 24 (5,7)	F. May 11 (2) L. May 27 (5)	F. May 14 (3) L. May 17 (3)
Canada Warbler						L. May 23 (6)	F. May 14 (3)		F. May 8 (3) L. May 29 (5)	3/ F. May 21 (5)	F. May 13 (3)	F. May 18 (6)	F. May 19 (2) L. May 28 (1)	F. May 17 (4) L. May 29 (5)	F. May 19 (3)
American Redstart						F. May 1 (3)	F. May 7 (4)	F. May 4 (1)	F. Apr. 27 (9)	F. May 5 (7)	F. May 10 (3)	F. May 6 (2)	F.May 11 (2,4)	F. May 8 (1)	F. May 19 (3)
Bobolink						F. May 2 (3)	F. May 1 (1)	F. Apr. 6 (8)	F. Apr.27 (12)	4/ F. May 2 (4)	F. Apr. 29 (2)	F. May 2 (9)	F. May 5 (2)	F. May 5 (3)	F. May 22 (3)
Eastern Meadow-lark		L. Mar. 10 (1)				F. Feb. 20 (2)	F. Feb. 28 (4)	F.Mar.10(4,5)	F. Feb. 20 (1)	5/ F. Mar. 21 (2)	F.Mar.23 (2,3)	F. Mar. 9 (1)	F. Mar. 13 (2)	F. Mar. 20 (3)	F. Mar. 8 (1)
Western Meadow-lark							F. Mar. 22 (1) L. Apr. 5 (1)		F. May 8 (1) L. May 22 (1)	F. Apr. 20 (3)		F. Mar. 29 (7)	F. Apr. 6 (9)	F. Apr. 4 (1)	
Yellow-headed Blackbird													F. Apr. 24 (9)	F. Apr. 23 (1)	F. May 5 (2)
Red-wing						F. Mar. 23 (3)	F. Mar. 4 (1)	F. Mar. 5 (3)	F. Feb. 13 (9)	6/ F. Mar. 6 (5)	F. Mar. 22(2,3)	F. Mar. 6 (4)	F. Mar. 16 (6)	F. Mar. 25 (8)	F. Apr. 11 (2)
Orchard Oriole		F. Apr. 15 (1)	F. Apr. 12 (1)	F. Apr. 20		F. May 5 (5)	F. May 11 (1)	F. Apr. 28 (3)	F. Apr. 25 (9)		F. May 13 (2)	F. May 8 (1)		F. May 21 (7)	
Baltimore Oriole	F. Apr. 26 (1)	F. Apr. 9 (2)	F. Apr. 19 (1)			F. Apr. 22 (3)	F. Apr. 14 (4)	F. Apr. 19 (8)	F. Apr. 26 (9)	F. May 2 (4,7)	F. May 9 (2)	F. May 5 (4)	F. Apr. 30 (3)	F. May 9 (1)	F. May 15 (3)
Rusty Blackbird		L. Apr. 18 (1)				F. Mar. 23 (3)	F. Mar. 6 (1) L. Apr. 19 (1)	F. Mar. 10 (4)	F. Mar.17 (12) L. May 8 (7)	2/ F. Mar. 31 (5)	F. Apr. 8 (3) L. Apr. 30 (3)	F. Mar. 6 (4)	F. Mar. 13 (4)	F. Apr. 7 (1) L. May 18 (8)	F. Apr. 11 (3)
Brewer's Blackbird						F. Mar. 8 (4)		F. Apr. 24 (5)		F. May 17 (3)			F. Apr. 9 (9)	F. Apr. 6 (9)	F. Apr. 14 (3)
Bronzed Grackle		L. May 19 (1)				F. Mar. 11 (3)	F. Feb. 23 (3)	F. Feb. 23 (1)	F. Feb. 21 (5)	F. Mar.8 (4,7)	F. Mar. 20 (2)	F. Feb. 20 (1)	F. Mar. 17 (1)	F. Mar. 29 (3)	F. Apr. 11 (2)
Cowbird						F. Feb. 28 (6)	F. Apr. 14 (1)	F. Mar. 4 (3)	F. Feb. 21 (5)	F. Mar. 19 (7)	F. Feb. 21 (2)	F. Mar. 23 (4)	F. Apr. 9 (3)	F. Apr. 15 (1)	F. Apr. 23 (2)
Scarlet Tanager						F. May 8 (3)	F. May 14 (6)	F. Apr. 27 (3)	2/ F. May 2 (11)	F. May 5 (7)	F. May 12 (3)	F. May 13 (4)	F.May 12 (1,8)	F. May 9 (1)	
Summer Tanager			F. Apr. 11 (1)			F. Apr. 22 (3)		F. May 1 (7)	F. Apr. 22 (9)						
Rose-breasted Grosbeak						F. Apr. 30 (3)	F. May 5 (1)	F. May 1 (1)	F. May 1 (1)	F. May 8 (7)	F. May 9 (4)	F. Apr. 20 (1)	F. May 11 (5)	F. May 9 (1,7)	F. May 17 (3)
Indigo Bunting	F. Mar. 29 (1)	F. Apr. 17 (1) L. May 14 (1)	F. Apr. 1 (2)			F. May 1 (3)	F. May 12 (4)	F. Apr. 29 (3)	F. Apr. 30 (9)	2/ F. May 14 (5)	F. May 18 (3)	F. May 11 (1)	F. May 12 (1,8)	F. May 30 (1)	
Dickcissel						F. Apr. 22 (3)	F. May 2 (4)	F. May 19 (3)	F. Apr. 28 (9)			F. May 7 (7)	F. May 28 (9)		

1/ Kirtland Hills
2/ East Liverpool

1/ Calhoun Co.
2/ Kent Co.
3/ Roscommon Co.
4/ Grosse Ile
5/ Ypsilanti
6/ Ottawa Co.

1/ Black Hawk Co.

Species	Louisiana	Mississippi	Arkansas	Tennessee	Kentucky	Missouri	Illinois	Indiana	Ohio	Michigan	Ontario	Iowa	Wisconsin	Minnesota	Manitoba
Eastern Evening Grosbeak									F.Mar.14(2,3,4) L. Mar. 20 (3)	F. Jan. 6 (3)			F. Jan. 9 (5) L. May 18 (5)		F. Mar. 25 (1)
Purple Finch						L. Apr. 18 (6)		F. Mar. 21 (2) L. May 7 (8)	F. Mar. 30 (9) L. May 13 (12)	F. Mar. 16 (6)	F. Mar. 16 (3)	F. Apr. 17 (4) L. May 10 (5)	F. Mar. 17 (1)	F. Apr. 9 (5)	F. Apr. 9 (2)
Canadian Pine Grosbeak										L. Feb. 15 (6)			L. Apr. 11 (7)	F. Jan. 16 (5)	
Common Redpoll									L. Feb. 22 (2)	L. Apr. 23 (3)	L. Apr. 3 (3)		L. Mar. 21 (4)	L. Apr. 24 (4)	
Northern Pine Siskin								L. May 9 (1)	F. Feb. 25 (1) L.May 23(2,3,4)	F. Jan. 13 (3) L. May 30 (3)	F. Feb. 17 (2)			F. Apr. 7 (5)	
Eastern Goldfinch						F. Apr. 3 (4)	F. Apr. 11 (4)	F. Apr. 25 (7)	F. Apr. 3 (3)	F. May 8 (6)	F. Apr. 12 (2)	F. May 9 (6)	F. May 7 (3)	F. May 7 (6)	F. May 21 (3)
Red-eyed Towhee						F. Feb. 26 (6)	F. Apr. 19 (1)	F. Apr. 4 (7)	F. Feb. 25(9)	F. Apr. 7 (7)	F. Apr. 9 (3)	F. Apr. 8 (4)	F. Apr. 7 (1)	F. Apr. 30 (1)	F. May 11 (3)
Eastern Savannah Sparrow						F. Apr. 14 (3)			F. Mar. 16(9)	F. Apr. 4 (7)	F. Apr. 7 (3)	F. Apr.18 (5)	F. Apr. 24 (3)	F. May 1 (4)	F. Apr. 24 (3)
Eastern Grasshopper Sparrow						F. Apr. 17 (3)		F. Apr. 20 (3)	1/ F. Apr. 7 (4)	F. Apr. 2 (7)	F. May 5 (3)	F. May 1 (2)	F. May 28 (3)	F. May 23 (5)	F. May 22 (1)
Henslow's Sparrow									F. Apr. 24 (1)	F. May 1 (7)	F. May 25 (3)	F. Apr. 18 (5)	F. May 23 (3)	F. May 16 (1)	
Eastern Vesper Sparrow					F. Apr. 26	F. Apr. 3 (3)	F. Mar. 15 (4)	F. Apr. 7 (1)	F. Mar. 7 (9)	1/ F. Apr. 10(5)	F. Apr. 5 (2)	F. Apr. 7 (9)	F. Apr. 6 (3)	F. Apr. 18 (1)	F. Apr. 17 (2)
Eastern Lark Sparrow			F. Apr. 2 (1)			F. Mar. 23 (1)	F. Apr. 23 (1)		F. Apr. 19 (9)		F. May 22 (2)	F. Apr. 20 (3)		F. May 8 (7)	F. May 2 (3)
Slate-colored Junco		L. Apr. 10 (1)				L. Apr. 18(6)	L. Apr. 16 (1)	L. May 1 (8)	L. May 23 (1)	F. Mar. 2 (6)	F. Apr. 2 (3)	L. Apr. 30 (5)	L. Apr. 30 (9)	L. May 29 (5)	F. Mar. 10 (1)
Eastern Tree Sparrow						L. Apr. 18 (6)	L. Apr. 15 (1)	L. May 7 (8)	L. May 2(1,9)	L. May 9 (3)	F. Mar. 13 (3) L. Apr. 25 (1)	L. Apr. 15 (5)	L. Apr. 23 (3)	L. May 2 (5)	F. Mar. 18 (3)
Eastern Chipping Sparrow		L. Apr. 19 (1)	F. Apr. 3 (2)			F. Apr. 6 (3)	F. Mar. 22 (3)	F. Mar. 23 (7)	F. Mar. 12 (9)	F.Apr.14(4,7)	F. Apr. 18 (3)	F. Mar. 20 (2)	F.Apr.17(5,6)	F. Apr. 8 (9)	F. May 6 (3)
Clay-colored Sparrow										F. May 12 (6)		F. May 12 (3)	F. May 16 (3)	F. May 9 (1)	F. May 7 (3)
Eastern Field Sparrow						F. Mar. 11 (3)	F. Apr. 1 (4)	F. Mar. 13 (7)	F. Mar. 11 (9)	1/ F. Apr. 8 (5)	F. Apr. 8 (2)	F. Apr. 8 (4)	F. Mar. 23 (2)	F. Apr. 20 (7)	F. Mar. 21 (1)
Harris's Sparrow						F. Apr. 10 (2)	L. May 30 (3)					F. Mar. 29 (7)	F. May 12 (9) L. May 17 (9)	F. Apr. 27 (4) L. May 20 (5)	F. May 7 (3) L. May 22 (3)
White-crowned Sparrow		L. Feb. 15 (1)				F. Apr. 11 (2) L. May 19 (3)	F. May 4 (4) L. May 14 (4)	F. May 9 (1,8) L. May 12 (8)	F. Apr. 29 (12) L. June 1 (7)	F. May 9 (7) L. May 25 (7)	F. May 7 (2) L. May 21 (2)	F. May 6 (2)	F. Apr. 19 (3)	F. Apr. 27(4,7) L. May 15 (5)	F. May 4 (2)
White-throated Sparrow		L. May 12 (1)				F. Apr. 17 (3) L. May 12 (3)	F. Apr. 24 (6) L. May 20 (4)	F. Apr. 23 (8) L. May 16 (1)	F. Apr. 18(1,3) L. May 25 (9)	2/ F. Apr. 22 (5,7)	F. Apr. 24(2,3) L. May 19 (3)	F. Apr. 17 (5) L. May 23 (5)	F. Apr. 8 (5) L. May 24 (1)	F. Apr. 17 (4)	F. Apr. 22 (3)
Eastern Fox Sparrow							L. Apr. 11 (1)	F. Mar. 10 (7)	F. Feb. 28 (1) L. May 14 (9)	1/ F. Apr. 8 (5) L. Apr. 18 (5)	F. Apr. 7 (3) L. Apr. 24 (3)	F. Mar. 27 (4) L. Apr. 24 (3)	F. Mar. 23 (2) L. Apr. 23 (3)	F. Apr. 11 (1) L. May 13 (4)	F. Apr. 19 (3) L. May 10 (2)
Lincoln's Sparrow						F. May 1 (3)		F. May 12 (8)	F. Apr. 14 (10) L. May 16 (1)	F. May 10 (7)	F. May 15 (3)	F. Apr. 15 (5) L. May 17 (5)	F. Apr. 23 (5) L. May 21 (1)	F. Apr. 26 (7) L. May 15 (5)	F. May 3 (3)
Swamp Sparrow									F. Mar. 29 (5)	F. Apr. 13 (4)	F. Apr. 14 (3)	F. Apr. 19 (5)	F. Mar. 23 (2)	F. Apr. 23 (1)	F. Apr. 22 (3)
Eastern Song Sparrow			L. May 3 (1)			L. May 23 (6)	F. Mar. 1 (4)	F. Feb. 16 (5)	F. Feb. 19 (13)	F. Feb. 22 (7)	F. Mar. 8 (3)	F. Mar. 6 (4)	F. Mar. 16 (2)	F. Mar. 30 (3)	F. Mar. 12 (1)
Lapland Longspur									F. Jan. 16 (1) L. Apr. 10 (5)	F. Jan. 9 (5) L. May 24 (3)		L. Feb. 14 (5)	L. May 14 (9)		F. Mar. 4 (3)
Snow Bunting									L. Mar. 17(12)	L. May 5 (3)	L. Apr. 17 (1)			L. Apr. 17 (4)	

1/ Huntsburg 1/ Kent Co. 2/ Ottawa Co.

List of other species reported and additional notes on species contained in the preceding table.

Red-throated Loon.--Barnesville, Ohio, April 29 (1) (Laughlin); Kent County, Mich., April 27 (1); Ottawa County, Mich., May 2 (1) (Gross).

Holboell's Grebe.--Duluth, Minn., May 4 (4) last seen May 22 (Wernowsky).

Horned Grebe.--Toledo, Ohio, January 3 (1) (Campbell).

Eared Grebe.--Winnipeg, Man., May 9 (7) (Broley).

Western Grebe.--Winnipeg, Man., May 12 (1) (Broley).

Pied-billed Grebe.--Delaware County, Ohio, February 12 (1) (Hipple); Ann Arbor, Mich., February 28 (1) (Case).

White Pelican.--Sioux City, Iowa, April 30 (30) (Armour); Hastings, Minn., May 22 (7) (Kutz).

Great Blue Heron.--Salem-Leetonia, Ohio, January 16 (Baker).

American Egret.--Tiffin, Ohio, June 1 (3) (Moseley).

Little Blue Heron.--St. Louis, Mo., May 23 (1) (Nat. Soc.); El Kader, Iowa, May 9 (2) (Hempel).

Black-crowned Night Heron.--Toledo, Ohio, February 24 (1) (Campbell).

Wood Ibis.--Bolivar, Mo., April 13 (4) (Leavitt).

Common Mallard.--Toledo, Ohio, January 10 (50) (Campbell).

Common Black Duck.--Toledo, Ohio, January 10 (400); June 6, (12 young) (Campbell); Ann Arbor, Mich., January 10 (2) (Hinshaw).

Gadwall.--Toledo, Ohio, May 30 (Pair); July 5 (5) (Campbell).

European Widgeon.--Pymatuning Lake, Pa., April 5 (11) (Baker, et al); Waterville, Ohio, March 12 (1 male) (Stearns); Cleveland, Ohio,). March 27 (1) (Skaggs); Sandusky, Ohio, March 21 (1 male) (Moseley

American Pintail.--Toledo, Ohio, January 3 (1); May 9 (5); May 30(3); June 6 (2) (Campbell).

Green-winged Teal.--Toledo, Ohio, February 28 (1) ;May 30 (2) (Campbell).

Wood Duck.--Scioto River, Delaware County, Ohio, February 12 ((2) (Hipple).

Redhead.--Olive Branch, II 1., January 5 (5) (Campbell).

Lesser Scaup Duck.--Salem-Leetonia, Ohio, January 31 (2), June 19 (1 male) (Baker); Oberlin, Ohio, February 14 (5) (Jones).

American Golden-eye.--Salem-Leetonia, Ohio, January 16 (1) (Baker); Cleveland, Ohio, January 30 (15) (Morse); Toledo, Ohio, February 7 (2); May 9 and 23 (male); June 19 (Campbell); Ann Arbor, Mich., January 16 (9) (Case).

Buffle-head.--Salem-Leetonia, Ohio, January 30 (1) (Baker).

White-winged Scoter.--Duluth, Minn., May 1 and last seen June 1 (Wilkinson); May 9 (6) (Wernowsky).

Black Vulture.--Carlisle, Ind., April 4 (1) (Gilliland).

Cooper's Hawk.--Blakesburg, Iowa, February 25 (1 adult) Fredrickson); Ann Arbor, Mich., January 15 (1) (Case).

Red-tailed Hawk.--Near Gary, Ind., May 9 (nest with young) (Boyd); Ann Arbor, Mich., February 12 (1) (Duncan); London, Ont., February 7 (Watson).

Red-shouldered Hawk.--Toledo, Ohio, January 16 (1) (Campbell).

Swainson's Hawk.--Blaney Park, Mich., June 5 (1) (Christoferson); Treesbank, Man., May 11 (1) (Criddle).

Ferruginous Rough-leg.--Treesbank, Man., April 1 (1) (Criddle).

Prairie Falcon.--Treesbank, Man., April 27 (1) (Criddle).

Marsh Hawk.--Ann Arbor, Mich., January 28 (1) (Knox).

Sparrow Hawk.--Ann Arbor, Mich., February 15 (1) (Wood).

Whooping Crane.--Treesbank, Man., May 14 (32) (Seen by Talbot Criddle circling low over the field where he was working, appearing to want to settle on the field).

Virginia Rail.--Toledo, Ohio, February 7 (1) (Campbell).

Yellow Rail.--Pepper Pike, Ohio, April 18 (1) (O'Reilly); Jackson County, Mich., May 28 (abundant) (Gross).

American Coot.--Ann Arbor, Mich., January 16 (1) (Miller) (only county winter record).

Killdeer.--Bicknell, Ind., February 9 (2) (Chansler); Hillsboro, Ohio, January 27 (12) (Roads).

Wilson's Snipe.--Minneapolis, Minn., December 25, 1936 (14); February 27 (Swedenborg).

Purple Sandpiper.--Elmore, Ohio, (Portage River), May 16 (1) (Moseley).

White-rumped Sandpiper.--Toledo, Ohio, May 22 (1) and last seen June 6 (Campbell); Minneapolis, Minn., May 23 (1) (Swedenborg).

Baird's Sandpiper.--Duluth, Minn., May 22 (1) (Wernowsky).

Eastern Dowitcher.--Toledo, Ohio, May 16 (5) and last seen May 23 (Campbell).

Glaucous Gull.--Toledo, Ohio, January 30 (1); June 6 (1) (Campbell); Ann Arbor, Mich., April 3 (1) (Trautman).

Iceland Gull.--Ashtubula, Ohio, January 30 (1) (Skaggs).

Great Black-backed Gull.--Toledo, Ohio, January 9 (1) and last seen February 28 (Campbell); Erie, Pa., February 20 (2) (Skaggs and O'Reilly)

Bonaparte's Gull.--Lakeside, Ohio, January 16 (28) (Carlson); Toledo, Ohio, May 29 (1); June 6 (2) (Campbell).

Eastern Mourning Dove.--LeRoy, Ill., January 19 (2) (Smith); Ann Arbor, Mich., January 1 (Gaige).

Chimney Swift.--Randolph, Iowa, March 18 (8) (Young).

Eastern Belted Kingfisher.--Toledo, Ohio, January 10 (1) (Campbell); London, Ont., January 19 (1) (Watson).

Northern Flicker.--Toledo, Ohio, January 9 (4) (Campbell); Buchanon County, Iowa, January 19 (1) (Pierce); Ann Arbor, Mich., January 21 (1) (Amman).

Red-shafted Flicker.--Mena, Ark., April 30 (McWilliam).

Northern Pileated Woodpecker.--Stillwater, Minn., April 11 (1) (Kutz).

Red-headed Woodpecker.--Blakesburg, Iowa, wintered until February 10 (Fredrickson); Earlham, Iowa, Dec. 23, 1936, and February 3 (Standing); Minneapolis, Minn., wintered; January 24 (1) (Swedenborg).

Yellow-bellied Sapsucker.--Toledo, Ohio, January 10 (1) (Campbell); Barnesville, Ohio, January 8 (1) (Laughlin).

Arctic Three-toed Woodpecker.--McMillan, Mich., March 1 and last seen May 18 (Bryens); Duluth, Minn., March 3 and last seen April 7 (Wilkinson).

Phoebe.--Near Gary, Ind., April 29 (1 egg) (Boyd); Randolph, Iowa, March 5 (20)(Young).

Prairie Horned Lark.--Near Gary, Ind., April 6 (3 young - 1 egg in nest) (Boyd).

American Magpie.--Toledo, Ohio, May 9 (1 female) (State record) (Campbell); Sioux City, Iowa, March 17 (2) (Armour).

Catbird.--Randolph, Iowa, March 19 (2) (Young).

Brown Thrasher.--Indianapolis, Ind., January 1 and 7(1) (Perkins).

Eastern Robin.--Mena, Ark., January 22 (1) (McWilliam); Wataeka, Ill., January 15 (1) (Collier); Delaware County, Ohio, January 9 (1); Hillsboro, Ohio, January 21 (1) (Roads); Barnsville, Ohio, January 21 (1) (Laughlin); Toledo, Ohio, January 10 (2) (Campbell); Ann Arbor, Mich., January 1 (2) (Van Tyne).

Eastern Bluebird.--Mena, Ark., January 7 (3) (McWilliams); Huron County, Ohio, February 8 (2) (Moseley).

Mountain Bluebird.--Treesbank, Man., March 28 (3) (Criddle); Winnipeg, Man., April 7 (2) (Broley).

American Pipit.--Treesbank, Man., May 7 (17 and last seen May 27 (Criddle).

Sprague's Pipit.--Treesbank, Man., April 28 (3) (Criddle).

Bohemian Waxwing.--Duluth, Minn., February 8 (10 and last seen April 8 (Wernowsky); Duluth, February 22 (flock) and last seen April 24 (Wilkinson).

Migrant Shrike.--Near Gary, Ind., April 29, 3 nests with eggs (Boyd).

Worm-eating Warbler.--Flat, Ky., May 1 (3) (Shackelford).

Western Meadowlark.--Toledo, Ohio, May 8 (7) (1 spec.) last seen May 22 (first county record) (Campbell).

Baltimore Oriole.--Muncie, Ind., March 1 (2) (Felton).

Eastern Cardinal.--Ann Arbor, Mich., January 1 (2) (Wood).

Eastern Blue Grosbeak.--Yorkville, Ill., May 26 (1) (Spridgen); Edwards, Miss., April 10 (1) (Davidson).

Hoary Redpoll.--McMillan, Mich., last seen March 1 (Bryens).

White-winged Crossbill.--McMillan, Mich., March 18 (Bryens); Ottawa County, Mich., April 28 (1) (Gross).

Red-eyed Towhee.--Toledo, Ohio, January 10, 23 and February 7 (Campbell).

Lark Bunting.--Treesbank, Man., May 21 (2) (Criddle); Brandon, Man., May 29 (2) (Todd).

Leconte's Sparrow.--Winnipeg, Man., May 5 (1) (Broley).

Vesper Sparrow.--Ann Arbor, Mich., January 30 (1) (Morrill).

Bachman's Sparrow.--Hillsboro, Ohio, April 12 (Roads); Logan, Ohio, April 24 (1) (O'Reilly).

Slate-colored Junco.--Flat, Ky. First seen October 18, 1936 and last seen April 21, 1937 (Shackelford).

White-crowned Sparrow.--Toledo, Ohio, July 3 (ad.)) (Campbell).

White-throated Sparrow.--Carlisle, Ind., February 22 (1) (Gilliland); Monroe County, Mich., January 10 (1) (Campbell).

Swamp Sparrow.--Toledo, Ohio, January 23 (2), 30 (10), July 5 (10), 31 (6) (Campbell).

Chestnut-collared Longspur.--Treesbank, Man., April 22 (1) (Criddle); Winnipeg, Man., April 23 (2) (Broley).

Snow Bunting.--Buchanon County, Iowa, January 21 (12) (Pierce).

Key to the Central Flyway

Texas

(1) Albert J. Kirn, N. W. Atascosa County
(2) Mrs. Myrtle Braman, Victoria
(3) Roger King, Wichita Falls
(4) Oscar Adams, Commerce
(5) Otto O. Watts, Abilene
(6) W. L. Russell, Rhome
(7) Mrs. G. F. Klebold, Floydada
(8) Robert Burns, Troup

Oklahoma

(1) J. W. Harmon, Oklahoma City
(2) Edith R. Force, Tulsa
(3) Oscar Adams, Wilburton
(4) T. D. Burleigh, Cimarron County

Kansas

(1) Fanny Zimmerman, Bendena
(2) Winifred Davidson, Plevna
(3) Henry J. Miller, Wallace County
(4) Lem Laird, Harper

Nebraska

(1) Chas. S. Ludlow, Red Cloud
(2) Dr. and Mrs. Arno A. Bald, Platte Center
(3) George Gutru, Newman Grove
(4) Mrs. Bert L. Merrihew, Ashby
(5) Mrs. F. J. Patton, Blue Springs
(6) Merton Crannell, Blue Springs
(7) A. J. Wondra, Blue Springs

South Dakota

(1) Adrian Larson, Sioux Falls
(2) J. F. Brenckle, Northville
(3) S. W. Wareing, Hand County
(4) Leonard R. Mewaldt, Aberdeen
(5) A. P. Larrabee, Yankton
(6) Ann and Robert Strange, Stratford
(7) W. H. Over, Vermillion

North Dakota

(1) O. A. Stevens, Fargo
(2) J. H. McClelland, Arnegard
(3) Edwin C. Becker, Willow City
(4) E. W. Craven, Arrow Wood Refuge

Saskatchawan

(1) E. H. M. Knowles, Regina
(2) L. B. Potter, Eastend
(3) George Lang, Indian Head
(4) Mrs. E. W. Cates, McLean

Colorado

(1) Edward Hellstern, Fort Morgan
(2) P. L. Jones, Beulah
(3) Mrs. M. E. Nelson, Durango
(4) Mrs. George J. Bailey, Walden
(5) August W. Bogenhagen, Sedgwick
(6) Emma A. Heusi, Derby

Wyoming

(1) Otto McCreary, Laramie
(2) Mrs. Mina Jones, Parco
(3) Mrs. Charles Bass, Jay Em
(4) Kenneth Cook, and others, Laramie and vicinity

Montana

(1) Winton Weydemeyer, Fortine
(2) Max Mathews, Fairview
(3) Leslie Grant, Ronan
(4) Mrs. J. E. Butcher, Albion

Alberta

(1) A. D. Henderson, Belvedere
(2) N. V. Fearnehough, Morrin
(3) F. E. Cassel, Warner
(4) Fred H. Pegg, Edmonton
(5) Frank L. Farley, Camrose

CENTRAL FLYWAY

Species	Texas	Oklahoma	Kansas	Nebraska	South Dakota	North Dakota	Saskatchewan	Colorado	Wyoming	Montana	Alberta
Common Loon							F. Apr. 2 (3)			F. Apr. 19 (1)	F. May 2 (1)
Holboell's Grebe							F. May 6 (3)				F. Apr. 29 (1)
Horned Grebe							F. May 6 (3)				F. May 3 (1)
Eared Grebe					F. Apr. 18 (2)		F. Apr. 22 (1)		F. Apr. 30 (1)	F. May 2 (1)	
Western Grebe							F. May 16 (3)				F. May 8 (1)
Pied-billed Grebe					F. Apr. 28 (1)						F. May 1 (1)
White Pelican					F. Apr. 7 (1)	F. Apr. 17 (4)	F. May 4 (3)				
Great Blue Heron				F. Apr. 9 (6)	F. Apr. 14 (1)		F. May 19 (3)	F. Mar. 30 (3)	F. Apr. 9 (3)	F. May 13 (1)	F. Apr. 18 (1)
Eastern Green Heron		F. Apr. 12 (1)	F. Apr. 7 (1)	F. Apr. 17 (5)							
Black-crowned Night Heron			F. Apr. 17 (4)	F. May 1 (5)	F. May 1 (2)		F. May 4 (3)	F. Mar. 8 (1)	F. Apr. 30 (1)		
American Bittern					F. May 16 (2)		F. May 22 (1)		F. Apr. 15 (4)	F. May 12 (1)	F. May 13 (5)
Whistling Swan						F. Apr. 9 (4) L. Apr. 30 (4)	F. Apr. 5 (1) L. May 6 (3)			F. Apr. 18 (1)	F. Apr. 3 (3) L. May 4 (1)
Common Canada Goose	L. Mar. 4 (2)	L. Mar. 15 (2)	F. Mar. 11 (4)	F. Feb. 23 (1)	F. Mar. 5 (5) L. May 30 (1)	F. Mar. 26 (3) L. Apr. 30 (4)	F. Mar. 20 (3) L. May 8 (3)	F. Mar. 1 (5)			L. June 6 (4)
White-fronted Goose				F. Mar. 4 (2)	F. Mar. 31 (1) L. May 6 (1)		F. Apr. 6 (3) L. May 12 (3)				
Lesser Snow Goose	L. Mar. 4 (2)		F. Apr. 1 (4) L. Apr. 5 (4)	F. Mar. 1 (7)	F. Mar. 20 (5) L. Apr. 9 (1,5)	F. Apr. 2 (3) L. Apr. 29 (4)		F. Mar. 16 (5) L. Apr. 1 (5)			F. Apr. 4 (3) L. Apr. 30 (4)
Blue Goose		F. Mar. 2 (2)		F. Mar. 31 (5)	F. Mar. 31 (1) L. Apr. 30 (5)	F. Apr. 10 (4) L. Apr. 29 (4)					
Common Mallard	L. Mar. 28 (3)	L. Mar. 24 (2)			F. Mar. 25 (2)	F. Mar. 21 (3)	F. Mar. 28 (3)	F. Mar. 1 (5)	F. Mar. 21 (3)		F. Apr. 4 (5)
Gadwall						F. Apr. 19 (4)	F. Apr. 12 (3)	F. Apr. 10 (1)			F. Apr. 8 (2)
Baldpate	L. May 20 (4)	L. Mar. 15 (2)	F. Apr. 19 (4)	F. Mar. 4 (2)	F. Apr. 13 (5)	F. Apr. 19 (4) L. Apr. 30 (4)		F. Apr. 25 (4)		F. Apr. 18 (1)	F. Apr. 1 (1)
American Pintail	F. Feb. 7 (4)	L. Mar. 15 (2)		F. Feb. 18 (1,5)	F. Mar. 2 (2)	F. Mar. 28 (4)	F. Mar. 26 (3)	F. Feb. 15 (5)		F. Apr. 25 (1)	F. Apr. 5 (2)
Green-winged Teal	L. May 2 (4)	L. Mar. 15 (2)	F. Mar. 1 (4) L. Apr. 23 (4)	F. Mar. 4 (2)	F. Apr. 6 (5)		F. Apr. 6 (3)	F. Mar. 14 (1)		F. Apr. 25 (1)	F. Apr. 18 (1)
Blue-winged Teal	L. May 11 (4)	1/ L. May 18 (4)	F. Apr. 25 (4) L. Apr. 26 (4)	F. Feb. 14 (7)	F. Apr. 1 (2)	F. Apr. 16 (4)	F. Apr. 12 (3)	F. Apr. 10 (1)	F. Feb. 27 (3)		F. Apr. 9 (2)
Cinnamon Teal				F. Feb. 15 (1)				F. Apr. 25 (4)	F. Apr. 4 (1)		
Shoveller	L. Mar. 28 (3)	L. Apr. 14 (2)	F. Apr. 6 (4)	F. Mar. 4 (2)	F. Mar. 16 (2)	F. Apr. 16 (4)	F. Apr. 18 (3)	F. Mar. 8 (5)	F. Apr. 3 (1)	F. Apr. 18 (1)	F. Apr. 25 (5)
Redhead		F. Feb. 2 (2)		F. Mar. 4 (2)	F. Apr. 4 (1)	F. Apr. 6 (3)		F. Apr. 10 (1)		F. Apr. 25 (1)	F. Apr. 8 (2)
Ring-necked Duck		L. Feb. 24 (2)		F. Apr. 17 (5)							F. May 19 (1)
Canvas-back		L. Mar. 23 (2)		F. Mar. 4 (2)	F. Apr. 18 (1) L. May 30 (1)	F. Apr. 9 (4)	F. Apr. 5 (3)	F. Mar. 12 (5)		F. Apr. 25 (1)	F. Apr. 28 (1)
Greater Scaup Duck		L. Mar. 23 (2)		F. Mar. 4 (2)	F. Apr. 11 (1) L. May 30 (1)				F. Apr. 7 (4)		
Lesser Scaup Duck				F. Mar. 4 (2)	F. Apr. 2 (1) L. May 30 (1)	F. Apr. 14 (4)	F. Apr. 5 (3)	F. May 9 (4)	F. Apr. 3 (1)	F. Apr. 25 (1)	F. Apr. 25 (5)
		1/ Waurika, Okla.									

CENTRAL FLYWAY - Continued

Species	Texas	Oklahoma	Kansas	Nebraska	South Dakota	North Dakota	Saskatchewan	Colorado	Wyoming	Montana	Alberta
American Golden-eye				F. Mar. 4 (2)			F. Apr. 3 (3)			F. Apr. 18 (1)	F. Apr. 1 (1)
Buffle-head					F. Apr. 18 (1)		F. Apr. 20 (3) L. May 10 (3)		L. May 23 (4)		F. Apr. 11 (2)
Ruddy Duck	L. Mar. 14 (3)	L. Apr. 18 (2)		F. Mar. 4 (2)	F. Apr. 11 (1)	F. May 6 (4)				F. May 2 (1)	F. May 2 (1)
Hooded Merganser					F. Apr. 14 (1)					F. May 2 (1)	
American Merganser		L. Feb. 22 (2)		F. Apr. 2 (6)							
Red-breasted Merganser									F. Apr. 13 (1)		F. Apr. 16 (1)
Turkey Vulture								F. Apr. 14 (3)	F. Apr. 13 (4)		
Sharp-shinned Hawk	L. May 2 (4)	L. Apr. 3 (2)		F. Apr. 14 (6)	F. Apr. 30 (1)		F. Apr. 12 (3)	F. May 16 (2)	F. Apr. 15 (1)	F. Apr. 28 (1)	F. Apr. 18 (5)
Cooper's Hawk					F. Mar. 10 (5)					F. Apr. 19 (1)	F. May 7 (2)
Red-tailed Hawk	L. May 9 (4)			F. Mar. 23 (1)	F. Apr. 5 (5)		F. Apr. 10 (3)	F. May 2 (4)	F. Mar. 17 (1)	F. Apr. 6 (1)	F. Apr. 1 (5)
Swainson's Hawk				F. Mar. 31 (1)	F. Apr. 30 (1)	F. May 25 (4)	F. Mar. 29 (3)	F. Apr. 25 (4)			F. Mar. 27 (2)
American Rough-legged Hawk		L. Mar. 26 (2)		L. May 9 (1)	L. Apr. 30 (5)			L. Apr. 18 (4)	L. Apr. 18 (4)		F. Mar. 6 (5)
Ferruginous Rough-legged Hawk	L. Feb. 26 (1)					F. Apr. 7 (4)	F. Mar. 12 (3)				F. Apr. 11 (2)
Marsh Hawk	L. Apr. 20 (1)	L. Apr. 10 (2)		F. Apr. 1 (1)	F. Mar. 14 (4)	F. Mar. 11 (4)	F. Mar. 19 (3)	F. May 19 (4)		F. Apr. 11 (3)	F. Mar. 21 (5)
Prairie Falcon				F. Mar. 4 (1)		F. May 9 (4)	F. Mar. 14 (3)	F. Apr. 11 (4)			
Richardson's Pigeon Hawk		F. Mar. 21 (1)									F. Apr. 16 (4)
Sparrow Hawk (subsp.)	L. May 9 (4)		F. Feb. 26 (1)	F. Feb. 14 (1)	F. Feb. 21 (1)	F. Apr. 16 (2)	F. Apr. 11 (4)	F. Mar. 2 (3)	F. Feb. 26 (4)	F. Apr. 11 (3)	F. Mar. 31 (5)
Sandhill Crane	L. Mar. 21 (1)			F. Apr. 4 (1) L. Apr. 5 (1)	F. Mar. 31 (3,5)	F. Apr. 1 (3) L. Apr. 22 (3)	F. Apr. 8 (1) L. May 8 (3)	F. June 7 (1)			
Virginia Rail			L. May 17 (4)	F. Apr. 17 (1)			F. May 10 (3)				
Sora				F. May 6 (5)	F. Apr. 25	F. May 8 (1)	F. May 6 (3)				F. May 24 (1)
American Coot	L. Apr. 25 (4)		F. Apr. 19 (4)	F. Apr. 10 (6)	F. Apr. 11 (1)	F. Apr. 20 (3)	F. Apr. 30 (3)			F. Apr. 25 (1)	F. Apr. 18 (1)
Semipalmated Plover					F. May 9 (1)	F. May 12 (4)					F. May 9 (1) L. May 16 (4)
Killdeer				F. Mar. 8 (6)	F. Mar. 19 (2)	F. Apr. 1 (3)	F. Apr. 11 (1)	F. Mar. 6 (3)	F. Mar. 25 (3)	F. Mar. 12 (1)	F. Apr. 10 (2,5)
Black-bellied Plover						F. May 18 (4)	F. May 6 (3) L. May 14 (3)				
Wilson's Snipe	L. May 2 (4)			F. Apr. 1 (6)	F. Apr. 16 (1) L. May 9 (1)			F. Apr. 13 (4)			F. Apr. 20 (4)
Long-billed Curlew (subsp.)				F. Apr. 12 (4)				F. May 13 (1)	F. Apr. 17 (4)	F. Apr. 15 (4)	F. Apr. 20 (2)
Upland Plover		F. Apr. 18 (1)		F. May 1 (7)	F. May 6 (1)	F. May 28 (4)					F. May 11 (4)
Spotted Sandpiper				F. May 7 (2)	F. May 2 (1)		F. Apr. 22 (1)	F. May 19 (4)	F. Apr. 30 (1)	F. May 16 (1)	F. May 9 (5)
Solitary Sandpiper (subsp.)	L. May 16 (4)			F. Apr. 17 (5)	F. Apr. 30 (1) L. May 16 (1)				F. Apr. 22 (4)	F. May 2 (1)	F. Apr. 20 (1,4)

Species	Texas	Oklahoma	Kansas	Nebraska	South Dakota	North Dakota	Saskatchewan	Colorado	Wyoming	Montana	Alberta
Western Willet					F. Apr. 25 (1)	F. May 3 (4)	F. May 3 (3)				F. Apr. 25 (2)
Greater Yellow-legs	L. May 20 (4)			F. May 6 (5)	F. Apr. 29 (1)		F. Apr. 23 (1)		F. Apr. 4 (1)		F. Apr. 20 (1)
Lesser Yellow-legs		F. Apr. 20 (1) L. May 7 (1)	F. Apr. 24 (4)	F. Apr. 9 (5,6)	F. Apr. 20 (5) L. May 23 (1)	F. May 10 (4)	F. May 8 (1,3)	F. May 2 (4)	F. Apr. 30 (1)		F. Apr. 19 (1)
Baird's Sandpiper		F. Apr. 28 (1) L. May 20 (1)	F. Apr. 11 (4)		F. Apr. 18 (1) L. May 9 (1)						
Least Sandpiper				F. May 16 (6)	F. May 9 (1)	F. May 10 (4)					
Long-billed Dowitcher					F. May 9 (1)	F. May 15 (4)			F. May 8 (1)		F. May 12 (1)
Marbled Godwit						F. Apr. 28 (4)	F. May 6 (3)		F. May 5 (1)		F. Apr. 28 (2)
Avocet						F. May 1 (4)	F. May 2 (3)	F. Apr. 26 (4)			
Wilson's Phalarope					F. May 9 (1)	F. May 10 (4)	F. May 12 (1)	F. May 14 (4)			F. May 12 (2)
Herring Gull					F. Apr. 4 (1)	F. Apr. 6 (4) L. May 1 (4)					F. Apr. 20 (1)
California Gull							F. May 1 (3)				
Ring-billed Gull					F. Apr. 11 (1)		F. Apr. 23 (3)	F. May 7 (4)	1/ F. Mar. 17 (1)		F. Apr. 9 (1,3)
Franklin's Gull	L. May 4 (1)	F. Apr. 6 (1) L. May 1 (1)	F. Apr. 18 (4)	F. Apr. 12 (1)	F. Apr. 15 (2)	F. Apr. 19 (2,4)	F. Apr. 20 (3)	F. Apr. 2 (1)			F. Apr. 14 (4)
Bonaparte's Gull				F. Apr. 17 (5) L. May 1 (5)	F. May 12 (2)				F. May 8 (1)		F. Apr. 25 (3)
Forster's Tern					F. May 9 (1)						F. May 12 (1)
Common Tern							F. May 8 (1)				F. May 16 (5)
Black Tern			F. May 17 (4)	F. May 4 (1)	F. May 16 (1)	F. May 7 (4)	F. Apr. 21 (4)				F. May 24 (4)
Mourning Dove (subsp.)				F. Mar. 14 (1)	F. Mar. 31 (1)	F. Apr. 12 (3)	F. May 5 (3)	F. Apr. 4 (2)	F. Apr. 12 (3)	F. Apr. 26 (1)	F. Apr. 26 (5)
Yellow-billed Cuckoo	F. Apr. 27 (2)	F. May 7 (1)	F. May 9 (4)	F. May 11 (1)	F. May 30 (1)						
Black-billed Cuckoo					F. May 11 (5)	F. June 5 (1)	F. May 29 (3)				
Nighthawk (subsp.)	F. Apr. 17 (2)	F. May 6 (1)	F. May 6 (1)	F. May 4 (2)	F. May 16 (1)	F. May 22 (1)		F. May 14 (4)	F. May 8 (3)	F. May 31 (1)	F. May 23 (4)
Chimney Swift	F. Apr. 3 (8)	F. Apr. 25 (1)	F. May 8 (1)	F. Apr. 26 (7)	F. May 1 (5)	F. May 9 (1)			F. May 21 (4)	F. Apr. 23 (2)	
Ruby-throated Hummingbird	F. Apr. 9 (8)	F. Apr. 20 (1)	F. May 20 (1)		F. May 16 (1)	F. May 23 (1)	F. May 26 (3)				
Belted Kingfisher			F. Mar. 17 (4)	F. Apr. 5 (1)	F. Apr. 17 (1)		F. May 8 (1)	F. Apr. 18 (4)	F. Apr. 30 (3)	F. Apr. 25 (4)	F. May 9 (5)
Northern Flicker	L. Apr. 18 (4)		F. Mar. 12 (1)	F. Mar. 27 (2)	F. Apr. 6 (3)	F. Apr. 17 (1)	F. May 1 (3)			F. Apr. 15 (2)	F. Apr. 24 (5)
Red-shafted Flicker	L. Mar. 13 (1)						F. May 2 (1)	F. Mar. 4 (2)	F. Apr. 10 (3)	F. Mar. 26 (1)	F. Apr. 24 (5)
Red-headed Woodpecker			F. Apr. 3 (1)	F. Apr. 30 (6)	F. May 11 (1)	F. Apr. 26 (3)		F. May 12 (1)	F. May 19 (4)	F. May 19 (4)	
Lewis's Woodpecker								F. May 5 (2)	F. Apr. 15 (1)	F. May 4 (1)	F. June 25 (2)

1/ Albany Co.

Species	Texas	Oklahoma	Kansas	Nebraska	South Dakota	North Dakota	Saskatchewan	Colorado	Wyoming	Montana	Alberta
Yellow-bellied Sapsucker (subsp.)				F. Apr. 9 (3)		F. Apr. 16 (1)	F. May 1 (3)	F. May 9 (4)		F. Apr. 20 (1)	F. May 2 (1)
Eastern Kingbird	F. Apr. 25 (4)	F. Apr. 16 (1)	F. Apr. 28 (4)	F. May 5 (1,6)	F. May 1 (6)	F. May 16 (4)	F. May 10 (4)	F. May 13 (6)	F. May 7 (3,4)	F. May 9 (3)	F. May 18 (1,2,3)
Arkansas Kingbird	F. Apr. 25 (1)	F. Apr. 28 (1)	F. Apr. 23 (4)	F. Apr. 24 (1)	F. May 4 (5)	F. May 11 (1)	F. May 20 (1)	F. May 3 (1)	F. Apr. 26 (3)	F. May 7 (3)	F. May 30 (2)
Scissor-tailed Flycatcher	F. Mar. 25 (2)	F. Apr. 11 (1)	F. Apr. 14 (4)								
Crested Flycatcher	F. Apr. 18 (2)	F. Apr. 19 (1)	F. Apr. 30 (4)		F. May 18 (5)			F. May 8 (6)			F. June 2 (3)
Phoebe				F. Apr. 10 (3,6, 7)	F. Apr. 11 (1)					F. Apr. 20 (4)	F. Apr. 25 (5)
Say's Phoebe				F. Apr. 10 (4)		F. Apr. 26 (2)	F. May 15 (1)	F. Mar. 18 (3)	F. Apr. 11 (4)		F. Apr. 25 (3)
Yellow-bellied Flycatcher	L. May 20 (1)			F. Apr. 18 (1) L. May 14 (6)	F. May 23 (1)						
Alder Flycatcher					F. May 6 (4)					F. May 25 (1)	F. June 1 (4)
Least Flycatcher	F. May 8 (1) L. June 1 (4)			F. Apr. 14 (6)	F. May 2 (1)	F. May 10 (1)	F. May 20 (1)	F. May 22 (3) L. May 26 (3)		F. May 23 (2)	F. May 16 (4)
Wright's Flycatcher								F. May 9 (4)		F. May 4 (1)	
Western Wood Pewee	F. Apr. 7 (2)	F. Apr. 1 (1)		F. Apr. 17 (5)	F. May 18 (6)			F. May 22 (1)	F. May 18 (4)	F. May 20 (1)	F. May 16 (5)
Olive-sided Flycatcher							F. May 20 (1)			F. May 23 (1)	F. May 21 (1)
Horned Lark (subsp.)				L. Mar. 10 (2)	F. Feb. 21 (1)	F. Mar. 4 (1)	F. Mar. 2 (3)			F. Apr. 15 (1)	F. Feb. 10 (2)
Violet-green Swallow								F. May 5 (2)		F. Apr. 25 (1)	
Tree Swallow							F. May 16 (3)	F. Apr. 15 (4)	F. May 1 (1)	F. Mar. 8 (1)	F. Apr. 20 (5)
Bank Swallow	F. Apr. 18 (4)		F. May 11 (4)	F. May 1 (1)	F. May 6 (1)	F. May 2 (4)		F. Apr. 22 (3)			F. May 16 (2)
Rough-winged Swallow		F. Apr. 15 (1)		F. Apr. 28 (1)	F. Apr. 18 (5)					F. Apr. 20 (1)	F. May 9 (5)
Barn Swallow	F. Mar. 27 (4)	F. Apr. 12 (1)	F. Apr. 19 (2)	F. Apr. 10 (6)	F. Apr. 30 (5)	F. May 6 (4)	F. Apr. 22 (1)	F. May 3 (1)	F. Apr. 24 (4)	F. May 2 (4)	F. June 6 (3)
Cliff Swallow	F. May 6 (4)		F. May 5 (1)					F. May 17 (4)	F. May 7 (4)	F. May 1 (1)	F. May 22 (2)
Purple Martin	F. Mar. 6 (4)	F. Apr. 25 (1)		F. Mar. 22 (6)	F. Apr. 6 (1)	F. Apr. 16 (1)					F. Apr. 14 (5)
Brown Creeper	L. Mar. 28 (4)		L. Apr. 20 (4)		F. Apr. 16 (2) L. May 1 (2,5)	F. Apr. 13 (1) L. Apr. 27 (1)				F. May 21 (2)	
Western House Wren	L. May 4 (4)		F. Apr. 11 (2)	F. Apr. 10 (3)	F. Apr. 24 (6)	F. May 16 (1)	F. May 2 (3)	F. Apr. 30 (6)		F. May 2 (1)	F. May 18 (4,5)
Winter Wren (subsp.)		L. Mar. 2 (2)									
Common Rock Wren				F. Apr. 18 (4) L. Apr. 30 (4)				F. Apr. 13 (1)	F. Mar. 25 (2)		1/ F. May 9 (5)
Prairie Marsh Wren			F. Apr. 4 (4)						F. Apr. 3 (1)		
Catbird		F. Apr. 25 (1)	F. May 8 (4)	F. May 5 (7)	F. May 9 (5)	F. May 19 (1)	F. May 14 (1)	F. May 18 (1)	F. May 19 (3)	F. May 18 (4)	F. May 19 (3)
Brown Thrasher	L. Apr. 19 (5)	F. Apr. 6 (1)	F. Apr. 19 (1)	F. Apr. 16 (7)	F. Apr. 30 (1)	F. May 6 (1)	F. May 19 (1)	F. May 16 (1)	F. May 22 (3)	F. May 9 (4)	

1/ 150 mi. S. Belvedere

Species	Texas	Oklahoma	Kansas	Nebraska	South Dakota	North Dakota	Saskatchewan	Colorado	Wyoming	Montana	Alberta
Sage Thrasher				F. Apr. 21 (4) L. Apr. 23 (4)				F. Mar. 2 (4)	F. Apr. 16 (1)		
Robin (subsp.)	L. Apr. 6 (1,3,8)		F. Feb. 3 (2)	F. Mar. 3 (7)	F. Mar. 5 (5)	F. Apr. 6 (1)	F. Apr. 3 (3)	F. Feb. 21 (6)	F. Feb. 13 (4)	F. Mar. 6 (1)	F. Apr. 9 (5)
Wood Thrush	L. May 1 (4)	F. Apr. 26 (1)		F. May 15 (6)	F. May 15 (6)		F. May 21 (3)				
Hermit Thrush	L. May 1 (4)			L. May 16 (2)	F. Apr. 12 (1) L. Apr. 30 (1)	F. Apr. 21 (1)		F. May 16 (1)	F. Apr. 24 (1)	F. May 15 (2)	F. Apr. 29 (4) L. May 14 (5)
Olive-backed Thrush	L. May 2 (4)			F. May 9 (1,5) L. May 12 (1)	F. May 2 (2) L. June 12 (4)	F. May 10 (1) L. June 4 (1)	F. May 21 (3)	F. Apr. 13 (1) L. May 30 (1)		F. May 25 (1)	F. May 9 (4) L. May 30 (3)
Gray-cheeked Thrush	L. May 16 (4)			F. May 12 (1) L. May 23 (1)	F. May 17 (1)						
Veery				F. May 7 (6)	F. May 23 (1)	F. May 25 (1)			F. May 15 (1)		F. June 15 (4)
Bluebird				F. Mar. 5 (1,6,7)	F. Mar. 14 (5)	F. May 24 (1)		F. Mar. 16 (6)	F. May 14 (2)		
Mountain Bluebird							F. Mar. 16 (3)	F. Mar. 4 (2)	F. Mar. 21 (2)	F. Mar. 3 (1)	F. Mar. 22 (1)
Blue-gray Gnatcatcher	F. Mar. 21 (4)	F. Apr. 9 (1)		F. May 9 (6,7)							
Golden-crowned Kinglet (subsp.)	L. Apr. 25 (4)				F. Mar. 7 (5)						
Ruby-crowned Kinglet (subsp.)	L. Apr. 20 (1)			F. Mar. 26 (2)	F. Mar. 19 (7) L. May 20 (2)	F. Apr. 16 (1) L. May 21 (1)		F. Apr. 29 (6)	F. Apr. 20 (4)	F. Apr. 18 (1)	F. May 5 (1)
American Pipit	L. May 1 (1)		F. Mar. 11 (4)	L. May 17 (6,7)		F. Apr. 20 (2)		F. Apr. 23 (1) L. Apr. 24 (1)	F. Apr. 13 (1)	F. Apr. 21 (1) L. May 8 (1)	F. Apr. 28 (4)
Bohemian Waxwing					L. Feb. 14 (1)	L. Mar. 28 (1)	L. Apr. 3 (1)		L. Mar. 22 (1)	L. Mar. 6 (1)	
Cedar Waxwing	L. May 28 (4)	1/ L. May 22 (4)	L. May 21 (4)		F. May 20 (2)	F. May 26 (2)	F. May 30 (1)			F. June 1 (1)	F. June 13 (4)
White-rumped Shrike (subsp.)			F. Apr. 14 (1)	F. Mar. 10 (7)	F. Apr. 6 (5)	F. May 6 (1)	F. May 20 (1)	F. Mar. 7 (4)	F. Apr. 26 (3)		F. May 9 (5)
White-eyed Vireo	1/ F. Feb. 17 (1)			F. May 6 (5)				F. May 22 (3)			
Bell's Vireo	F. Apr. 18 (1,4)	F. Apr. 26 (1)		F. May 17 (1)	F. May 23 (1)						
Blue-headed Vireo (subsp.)					F. May 4 (5)			F. May 14 (2)		F. May 2 (1)	F. May 23 (4)
Red-eyed Vireo	F. Apr. 18 (6)	F. May 1 (1)		F. May 4 (2)	F. May 16 (1)	F. May 29 (1)	F. May 19 (1)		F. May 27 (1)	F. May 25 (1)	F. May 23 (4)
Warbling Vireo		F. Apr. 25 (1)	F. May 5 (4)	F. Apr. 17 (2)	F. May 11 (1)	F. May 19 (1)	F. May 20 (1)	F. May 26 (4)		F. May 15 (1)	F. May 21 (5)
Black-and White Warbler	F. Mar. 2 (2) L. Apr. 26 (2)	F. May 6 (3)		F. May 5 (1)	F. May 2 (2,4)	F. May 11 (1)	F. May 7 (1)		L. May 16 (4)	F. May 17 (2) L. May 18 (2)	F. May 18 (4)
Tennessee Warbler		F. May 6 (3)			F. May 14 (4) L. May 31 (4)	F. May 18 (1) L. May 26 (1)	F. May 23 (1)		L. June 13 (1)		F. May 16 (4)
Orange-crowned Warbler					F. Apr. 22 (2,4) L. May 24 (4)	F. May 6 (1) L. May 16 (1)		F. May 20 (4)	F. May 9 (1)	F. May 3 (1)	F. May 10 (4)
Yellow Warbler (subsp.)	F. Apr. 26 (4)	F. Apr. 20 (1)	F. May 7 (4)	F. Apr. 30 (7)	F. May 7 (2,5)	F. May 18 (4)	F. May 17 (3)	F. Apr. 28 (1)	F. May 6 (4)	F. May 3 (1)	F. May 14 (4)
Magnolia Warbler	F. May 2 (4) L. May 5 (4)			F. May 4 (2)	F. May 18 (2,5)	F. May 20 (1) L. May 24 (1)	F. May 18 (1)				F. May 30 (4)
Cape May Warbler						F. May 19 (1)	F. May 23 (1)				
Myrtle Warbler	L. May 12 (4)	L. Apr. 29 (1)		F. Apr. 23 (1) L. May 9 (2)	F. Apr. 18 (1) L. May 17 (4)	F. Apr. 18 (1) L. May 13 (4)	F. May 5 (1)	F. Apr. 29 (1) L. May 13 (6)			F. May 8 (3)

1/ 14 mi. S.

1/ Kenton, Okla.

Species	Texas	Oklahoma	Kansas	Nebraska	South Dakota	North Dakota	Saskatchewan	Colorado	Wyoming	Montana	Alberta
Audubon's Warbler								F. Apr. 29 (1) L. May 16 (4)	F. Apr. 22 (4)	F. Apr. 26 (1)	
Black-poll Warbler					F. May 9 (2,4) L. June 2 (4)	F. May 16 (1) L. May 28 (1)	F. May 8 (1)				
Northern Pine Warbler		F. May 8 (3)	F. May 10 (1)								
Western Palm Warbler					F. May 2 (1) L. May 16 (1)	F. May 2 (1) L. May 23 (1)					F. May 9 (4)
Ovenbird					F. May 14 (2)		F. May 23 (1)		F. May 19 (4)		F. May 19 (1)
Grinnell's Water Thrush					F. May 1 (6)	F. May 16 (1) L. May 26 (1)				F. May 12 (1)	
Connecticut Warbler	F. May 18 (4)					F. June 4 (1)					F. June 3 (1)
Mourning Warbler	F. May 9 (4)				F. May 18 (2)	F. May 26 (1) L. June 4 (1)					F. May 26 (4)
Macgillivray's Warbler		1/L. May 24 (4)						F. May 26 (4)	1/F. May 9 (4)	F. May 20 (1)	F. June 3 (2)
Yellow-throat (subsp.)	F. Apr. 15 (9)	F. Apr. 28 (1)		F. Apr. 21 (1)	F. May 6 (1,2)	F. May 12 (1)	F. May 15 (1)		F. May 16 (2)	F. May 17 (1)	F. May 15 (5)
Long-tailed Chat	F. Apr. 16 (2)	2/F. May 6 (1)			F. May 11 (2)						
Wilson's Warbler (subsp.)				F. May 10 (2)	F. May 18 (2) L. May 23 (1)	F. May 17 (1) L. May 26 (1)	F. May 20 (1)			F. May 14 (1)	F. May 20 (3)
American Redstart					F. May 11 (2,5)	F. May 19 (1)	F. May 22 (3)		F. May 16 (4)	F. May 18 (4)	
Bobolink				F. May 16 (2)	F. May 9 (5)	F. May 16 (1)			F. May 16 (1)	F. May 20 (1)	
Yellow-headed Blackbird	F. Feb. 8 (4) L. May 9 (3)	F. Apr. 10 (1)	F. Apr. 5 (1)	F. Apr. 22 (2)	F. Apr. 25 (1)	F. May 4 (4)	F. May 2 (3)	F. Apr. 10 (3)		F. May 10 (2)	F. Apr. 27 (1)
Red-wing			F. Mar. 7 (1)	F. Feb. 5 (1)	F. Mar. 16 (4)	F. Apr. 13 (1)	F. Apr. 17 (4)	F. Feb. 15 (3)	F. Mar. 10 (3)	F. Mar. 11 (1)	F. Apr. 19 (2)
Orchard Oriole	F. Apr. 16 (4)	F. Apr. 29 (1)	F. Apr. 28 (2)	F. May 1 (7)	F. May 11 (5)		F. June 10 (4)	F. May 15 (2)		F. June 1 (2)	
Baltimore Oriole	F. Mar. 30 (8)	F. Apr. 25 (1)	F. Apr. 30 (4)	F. May 3 (7)	F. May 7 (5)	F. May 15 (1)	F. May 10 (4)				F. May 20 (5)
Bullock's Oriole	F. Apr. 5 (1)						F. May 26 (2)	F. May 4 (3)	F. May 8 (2)	F. May 17 (3)	F. May 25 (3)
Rusty Blackbird		L. Mar. 5 (2)		F. Apr. 22 (2)	F. Feb. 20 (4) L. Apr. 14 (1)						F. Apr. 20 (4)
Brewer's Blackbird	L. May 7 (4)	F. Mar. 10 (1) L. Apr. 25 (1)	F. Apr. 5 (1)		F. Apr. 18 (1)	F. May 18 (4)	F. Apr. 12 (3)	F. Mar. 16 (6)	F. Apr. 10 (3)	F. Apr. 1 (1)	F. Apr. 23 (5)
Bronzed Grackle	L. Apr. 13 (1)	F. Mar. 18 (1)		F. Mar. 6 (1)	F. Mar. 22 (7)	F. Apr. 12 (1)	F. Apr. 14 (4)	F. Apr. 12 (1)	F. Apr. 13 (4)	F. Mar. 30 (2)	F. Apr. 12 (5)
Cowbird (subsp.)				F. Mar. 21 (6,7)	F. Apr. 18 (1)	F. May 2 (1)	F. May 1 (3)	F. Apr. 26 (4)	F. May 5 (1)	F. May 18 (4)	F. May 9 (4)
Western Tanager								F. May 18 (2)	F. May 16 (4)	F. May 15 (1)	F. May 19 (1)
Summer Tanager	F. Apr. 18 (6)			F. May 1 (1)							
Rose-breasted Grosbeak				F. May 5 (6)	F. Apr. 26 (5)	F. May 19 (1)	F. May 18 (1)				F. May 18 (4)
Rocky Mountain Grosbeak				F. May 8 (1)				F. May 16 (1)	F. May 16 (2)		
Western Blue Grosbeak	F. Apr. 19 (1)	F. Apr. 22 (1)		F. May 9 (1)				F. May 10 (3)			
Indigo Bunting	F. Apr. 25 (4)		F. May 26 (1)	F. May 7 (7)							

1/ Kenton, Okla.
2/ Bennington, Okla.

1/ Orin, Wyoming

Species	Texas	Oklahoma	Kansas	Nebraska	South Dakota	North Dakota	Saskatchewan	Colorado	Wyoming	Montana	Alberta
Lazuli Bunting					F. May 15 (2)				F. May 6 (1)	F. May 22 (2)	
Dickcissel	F. Apr. 18 (4)	F. May 5 (1)	F. May 12 (4)	F. May 10 (2)	F. Apr. 30 (5)						
Purple Finch		L. Apr. 10 (2)				F. Apr. 22 (1)					F. May 9 (4)
Common Redpoll					L. Mar. 29 (4)		L. Apr. 3 (1)			L. Mar. 5 (1)	L. Apr. 18 (4)
Pine Siskin		L. Apr. 10 (2)		F. Mar. 9 (1)	L. May 18 (6)	L. May 11 (1)		F. Apr. 11 (3)		F. Apr. 28 (1)	F. May 12 (4)
Goldfinch (subsp.)	L. Apr. 7 (1)		F. Mar. 20 (1)	F. Apr. 18 (2)	F. Apr. 6 (5)	F. May 19 (1)	F. May 30 (3)	F. Apr. 30 (6)	F. May 20 (3)	F. Apr. 25 (2)	F. May 21 (5)
White-winged Crossbill							L. Mar. 10 (3)				L. May 29 (1)
Red-eyed Towhee				F. Mar. 21 (7)		F. May 8 (2)		F. Mar. 23 (3)		F. May 9 (4)	
Arctic Towhee	L. Apr. 11 (1)	L. Apr. 30 (2)	L. Apr. 27 (4)	L. May 8 (1)	F. Apr. 16 (2)	F. May 16 (1)	F. Apr. 25 (1)	F. May 2 (1)	F. May 8 (3)		F. May 16 (2)
Lark Bunting	L. Apr. 11 (1)				F. May 10 (3)	F. May 17 (2)		F. May 7 (1)	F. May 7 (3)	F. May 10 (4)	F. May 18 (2)
Western Savannah Sparrow	L. May 11 (1)	1/ L. May 17 (4)		F. Apr. 12 (1) L. May 7 (2)	F. Apr. 18 (1)				F. Apr. 25 (1)	F. Apr. 23 (1)	F. Apr. 26 (2)
Western Grasshopper Sparrow	L. May 2 (4)	F. Apr. 10 (1)		F. Mar. 9 (1)	F. May 11 (1)						F. May 16 (c.)
Leconte's Sparrow		L. Mar. 2 (2)		F. May 6 (2)							
Western Vesper Sparrow	L. May 1 (1)	L. Apr. 13 (1)		F. Mar. 31 (1)	F. Apr. 3 (2)	F. Apr. 22 (1)	F. Apr. 27 (3)	F. Apr. 25 (4)	F. Apr. 25 (1)	F. Apr. 27 (1)	F. Apr. 13 (2)
Western Lark Sparrow				F. Apr. 15 (2)	F. May 4 (5)	F. May 13 (1)	F. May 20 (1)	F. Apr. 18 (1)	F. May 1 (3)	F. May 21 (2)	
Junco *	L. Mar. 28 (4)	L. May 24 (2)	L. Apr. 25 (4)	L. May 7 (2)	L. May 16 (5)	L. May 18 (1)	F. Mar. 30 (3) L. May 12 (3)	L. May 3 (4)	L. May 9 (2)	F. Mar. 12 (1)	F. Apr. 11 (3)
Western Tree Sparrow		L. Mar. 18 (1)	L. Mar. 16 (1)	L. Apr. 30 (1)		L. Apr. 27 (1)	F. Mar. 17 (1)	L. Apr. 12 (4)	L. Apr. 19 (2)		F. Mar. 9 (2) L. Apr. 30 (4)
Chipping Sparrow (subsp.)	L. Apr. 18 (4)	F. Apr. 15 (1)		F. Mar. 11 (1)	F. Apr. 14 (1)	F. May 1 (1)	F. May 2 (3)	F. Apr. 20 (6)	F. Apr. 27 (1)	F. May 11 (1)	F. May 6 (2)
Clay-colored Sparrow	F. Apr. 1 (1) L. May 11 (1)			F. Apr. 30 (1) L. May 8 (5)	F. May 6 (1,4)	F. May 7 (1)	F. May 9 (3)			F. May 9 (4)	F. May 8 (5)
Field Sparrow (subsp.)	L. May 2 (4)			F. Mar. 22 (2)	F. Apr. 18 (1)			F. Apr. 19 (1)			
Harris's Sparrow	L. Apr. 18 (4)	L. May 15 (2)	L. May 9 (4)	L. May 10 (7)	F. Apr. 9 (5) L. May 29 (4)	F. May 9 (1) L. May 28 (1)	F. May 4 (1)		F. May 7 (1)		
White-crowned Sparrow (subsp.)	L. May 19 (5)	L. May 7 (1)		F. Apr. 10 (4)	F. Apr. 4 (3) L. May 23 (2)	F. May 4 (2)	F. May 3 (3) L. May 18 (3)	F. Apr. 7 (6)	F. Apr. 17 (4)	F. Apr. 26 (1)	F. Apr. 27 (5)
White-throated Sparrow	L. May 16 (4)			F. Apr. 26 (1) L. May 6 (1)	F. Apr. 28 (2,4) L. May 20 (2)	F. Apr. 30 (1) L. May 28 (1)	F. May 5 (3) L. May 23 (3)				F. May 6 (4,5)
Fox Sparrow (subsp.)	L. Apr. 25 (4)	L. Apr. 6 (2)			F. Apr. 28 (2) L. May 2 (2)	F. Apr. 16 (1)		L. May 28 (4)		F. Apr. 26 (1)	
Lincoln's Sparrow	L. May 11 (1)	L. Apr. 14 (1)		F. Apr. 11 (1)	F. Apr. 25 (1) L. May 25 (2)	F. May 1 (1) L. May 27 (1)			F. Apr. 24 (4)	F. May 4 (1)	F. May 14 (5)
Song Sparrow (subsp.)		L. Apr. 30 (2)		F. Mar. 15 (7)	F. Mar. 28 (1)	F. Apr. 13 (1)	F. Apr. 12 (3)	F. Apr. 11 (3,4)	F. Mar. 13 (2)	F. May 24 (2)	F. Apr. 16 (4)
Lapland Longspur				F. Jan. 3 (1) L. Jan. 10 (1)	L. Apr. 25 (1)	L. Mar. 20 (4)	F. Mar. 27 (3)	L. Mar. 10 (1)			F. Mar. 30 (4) L. May 23 (4)
Chestnut-collared Longspur					F. Apr. 8 (2)	F. Apr. 14 (2)	F. Mar. 30 (3)	L. Mar. 14 (2)			F. Apr. 13 (2)

*Includes ep. hyemalis and oreganus

1/ Aylesworth, Okla.

List of other species reported and additional notes on species contained in the preceding table.

Double-crested Cormorant.--Sioux Falls, S. Dak., April 25 (3) (Larson) Arrowwood Refuge, N. Dak., May 10 (Craven); Indian Head, Sask., May 1 (5) (Lang).

Great Blue Heron.--Fowler, Mont., April 30 (1) (Kittredge); Lingle, Wyo., January 26 (1) (McCreary).

Brewster's Egret.--Laramie, Wyo., April 25 (1) (McCreary).

Yellow-crowned Night Heron.--Wichita Falls, Texas, May 19 (1) (King); Fort Morgan, Colo., April 22 (1) (Hellstern).

Trumpeter Swan.--Warner, Alta., March 31 (26) (Cassell).

Common Mallard.--Sedgwick, Colo., January 1 (1000) (Bogenhagen).

Red-legged Black Duck.--Tulsa, Okla., January 27 (4) (Force); Platte Center, Nebr., March 4 (many) (Bald).

Gadwall.--Littleman Lake, Goshen County, Wyo., January 27 (8) (McCreary).

Baldpate.--Lingle, Wyo., January 26 (10) (McCreary).

Wood Duck.--Tulsa, Okla., last seen February 15 (Force).

Harlequin Duck.--Belton, Mont., April 30 (4) (Kittredge).

White-winged Scoter.--Indian Head, Sask., May 10 (1) (Lang); Belvedere, Alta., May 5 (1) (Henderson); Camrose, Alta,. May 9 (8) Farley; North Edmonton, Alta., June 29 (4) (Pegg).

Red-breasted Merganser.--Fowler, Mont., April 30 (1) (Kittredge).

Eastern Goshawk.--Lingle, Wyo., January 26 (1) (McCreary).

Harlan's Hawk.--Red Cloud, Nebr., January 3 (1) and last seen March 21 (Ludlow).

Broad-winged Hawk.--Belvedere, Alta, May 18 (1) (Henderson).

Harris's Hawk.--Spencer, Okla., April 22 (1 spec.)(Harmon); Harper, Kans., April 1 (1) (Laird).

Golden Eagle.--Arrowwood Refuge, N. Dak., May 21 (Craven); Indian Head, Sask., April 8 (Lang); Fort Morgan, Colo., April 14 (Hellstern); Morrin, Alta., March 28 (Fearnehough).

Northern Bald Eagle.--Belvedere, Alta., March 10 (1) (Henderson); Indian Head, Sask., April 21 (1) (Lang).

Osprey.--Whitefish, Mont., May 1 (1) (Kittredge).

Duck Hawk.--Chacon Lake, Medina County, Tex., January 24 (1) (Kirn) (first record); Camrose, Alta., (150 mi. S.), May 9 (12) (Farley).

Richardson's Pigeon Hawk.--Douglas, Wyo., January 13 (1) (Cook and Hay).

Whooping Crane.--Northville, S. Dak., June 2 (1) (Brenckle).

Little Brown Crane.--Camrose, Alta., April 26 (flock) (Farley).

Sandhill Crane.--N. W. Atascosa County, Tex., January 24 (17) (Kirn).

Killdeer.--Fort Laramie, Wyo., January 26 (3) (McCreary).

American Golden Plover.--North Edmonton, Alta., May 5 (16) and last seen May 23 (Pegg).

American Woodcock.--Commerce, Tex., May 2 (1) (Adams).

Long-billed Curlew.--N. W. Atascosa County, Tex., January 15 (1) (Kirn).

Hudsonian Curlew.--Belvedere, Alta. (35 mi. N.), May 18 (75) (Henderson).

American Knot.--Regina, Sask., May 8 (1) (Knowles).

Pectoral Sandpiper.--Yankton, S. Dak., May 16 (50) (Larrabee); North Edmonton, Alta., May 11 (1) and last seen May 21 (Pegg).

White-rumped Sandpiper.--Sioux Falls, S. Dak., May 23 (1) (Larson).

Stilt Sandpiper.--Indian Head, Sask., May 18 (5) (Lang).

Semipalmated Sandpiper.--Sioux Falls, S. Dak., May 23 (16) and last seen May 30 (Larson).

Hudsonian Godwit.--Swan Lake near Yankton, S. Dak., May 16 (8) (Larrabee); Regina, Sask., April 14 (3) (Knowles).

Northern Phalarope.--Regina, Sask., May 8 (1) (Knowles).

Least Tern.--Oklahoma City, Okla., June 10 (4) (Harmon); Sioux Falls, S. Dak., June 16 (1) (Larson).

Whip-poor-will.--Troup, Tex., March 30 (2) (Burns); N. W. Atascosa County, Tex., April 6 (1) (Kirn.)

Rufous Hummingbird.--Fortine, Mont., May 17 (1) (Weydemeyer).

Yellow-bellied Sapsucker.--Commerce, Tex., last seen January 3 (Adams).

Arkansas Kingbird.--Eastend, Sask., June 13 (pair nested for first time in many years) (Potter).

Cassin's Kingbird.--Douglas, Wyo., May 6 (1) (Hay).

Ash-throated Flycatcher.--N. W. Atascosa County, Tex., April 11 (1) (Kirn); Fairview, Mont., May 20 (2) (Mathews).

Vermilion Flycatcher.--N. W. Atascosa County, Tex., April 4 (1 male) (Kirn).

American Magpie.--Platte Center, Nebr., November and December (6-10) (Bald); Red Cloud, Nebr., March 3 (1) and last seen March 11 (Ludlow) (first ever seen); Sioux Falls, S. Dak., March 19 (Larson).

Pinon Jay.--Red Cloud, Nebr., March 10 (12) (Ludlow).

Bewick's Wren.--Harper, Kans., April 15 (1) (Laird).

Short-billed Marsh Wren.--Sioux Falls, S. Dak., April 25 (1) (Larson).

Mountain Bluebird.--Northville, S. Dak., May 1, last seen May 2 (Brenckle).

Townsend's Solitaire.--Walden, Colo., April 24 (1) (Bailey); Fort Morgan, Colo., April 29 (Hellstern); Parco, Wyo., April 17 (3) (Jones).

Sprague's Pipit.--Edmonton, Alta., and Camrose, Alta., May 9 (Pegg and Farley).

Northern Shrike.--Vermillion, S. Dak., February 2 (Over).

Yellow-throated Vireo.--Sioux Falls, S. Dak., May 23 (2) (Larson).

Philadelphia Vireo.--Blue Springs, Nebr., April 24 (2) (Patton); Regina, Sask., May 19 (2) (Knowles).

Golden-winged Warbler.--Commerce, Tex., April 25 (15) (Adams).

Lutescent Warbler.--Fortine, Mont., April 27 (1), last seen May 13 (Weydemeyer).

Nashville Warbler.--Regina, Sask., May 23 (1) (Knowles).

Parula Warbler.--Victoria, Tex., April 18 (Braman).

Black-throated Green Warbler.--N. W. Atascosa County, Tex., March 31 (1), last seen May 4 (Kirn); Victoria, Tex., April 24 (4) last seen May 1 (Braman); Commerce, Tex., May 13 (10) (Adams).

Golden-cheeked Warbler.--Commerce, Tex., May 13 (4) (Adams).

Blackburnian Warbler.--Commerce, Tex., May 16 (2) and last seen May 18 (Adams); Sioux Falls, S. Dak., May 23 (1) (Larson).

Sycamore Warbler.--Rhome, Tex., March 21 (1) (Russell); Wilburton, Okla. May 8 (2) (Adams).

Chestnut-sided Warbler.--Northville, S. Dak., May 14 (1) (Brenckle); Regina, Sask., May 15 (7) (Knowles).

Bay-breasted Warbler.--Yankton, S. Dak., May 18 (2) (Larrabee).

Prairie Warbler.--Wilburton, Okla., May 8 (6) (Adams).

Louisiana Water-Thrush.--N. W. Atascosa County, Tex., April 1 (1 collected) (Kirn); Victoria, Tex., April 15 (1) (Braman).

Kentucky Warbler.--Rhome, Tex., April 29 (1) (Russell); Commerce, Tex., May 16 (1) last seen May 22 (Adams).

Hooded Warbler.--Victoria, Tex., April 21 (1) (Braman); Commerce, Tex., May 13 (2) (Adams).

Canada Warbler.--Regina, Sask., May 23 (1) (Knowles).

Meadowlark.--Floydada, Tex., January 11 (3) (Klebold).

Sennett's Oriole.--Wichita Falls, Tex., May 10 (1) (King).

Bullock's Oriole.--Eastend, Sask., May 26 (1) (first seen here; pair found breeding July 1) (Potter).

Brewer's Blackbird.--Fortine, Mont., November 24, 1936, (2 females) and 1 male); December 20, 1936 (1); last 5 days of February 1937, two seen daily first winter records for locality) (Weydemeyer).

Bronzed Grackle.--Bendena, Kans., January 1 (flock) (Zimmerman).

Scarlet Tanager.--Wilburton, Okla., May 8 (4) (Adams).

Cardinal.--Northville, S. Dak., April 22 (1 female) (Brenckle) (only one seen in 7 years of banding).

Cassin's Purple Finch.--Fortine, Mont., April 8 (Weydemeyer).

Green-tailed Towhee.--Walden, Colo., May 16 (1) (Bailey); Laramie, Wyo., May 9 (2) (McCreary).

Leconte's Sparrow.--N. W. Atascosa County, Tex., January 31 (1) (Kirn) (first record for this part of Texas).

Sharp-tailed Sparrow.--Bendena, Kans., April 13 (2) (Zimmerman); Blue Springs, Nebr., April 27 (several) (Patton).

Cassin's Sparrow.--N. W. Atascosa County, Tex., April 15 (1) (Kirn).

Black-tnroated Sparrow.--Bendena, Kans., April 21 (1) (Zimmerman).

Desert Sparrow.--Laramie, Wyo., April 27 (1) (McCreary).

White-winged Junco.--Laramie, Wyo., March 10 (1) and last seen April 16 (McCreary).

Gray-headed Junco.--Fort Morgan, Colo., and Walden, Colo., April 16 (Hellstern) and Bailey).

Brewer's Sparrow.--Douglas, Wyo., April 25 (1) (Hay).

Swamp Sparrow.--Sioux Falls, S. Dak., April 25 (2) (Larson); Northville, S. Dak., April 26 (1) (Brenckle); Yankton, S. Dak., April 27 (1) (Larrabee); Fargo, N. Dak., May 1 (1) (Stevens).

Song Sparrow.--Wheatland, Wyo., January 25; Lingle, Wyo., January 26 (McCreary).

McCown's Longspur.--McLean, Sask., March 15 (Cates).

Smith's Longspur.--Tulsa, Okla., last seen February 19 (Force).

Snow Bunting.--Fortine, Mont., last seen March 10 (Weydemeyer); North Edmonton, Alta., last seen April 28 (Pegg).

Key to the Pacific Flyway

California

(1) J. Kittredge, Jr., Berkeley
(2) R. S. Woods, Azusa
(3) Lloyd Peabody, Fresno
(4) Harrison D. Burchell, Monrovia
(5) Lena Moll, Eureka
(6) John M. Davis, Eureka
(7) Will C. Colt, Gilroy
(8) James B. McGrury, Carmel

Utah

(1) Dr. John W. Sugden, Salt Lake City
(2) W. H. Marshall, Bear River Refuge

Oregon

(1) Otto V. Purcell, Weston
(2) Ed. S. Currier, Portland
(3) J. Kittredge, Klamath Lake

Washington

(1) Rufus Comstock, Vancouver
(2) Mrs. L. H. Kline, Blaine
(3) Carl Gilmore, Pullman
(4) J. M. Edson, Bellingham

British Columbia

(1) Herbert M. Simpson, West Summerland
(2) Allan M. Lyon, Port Hardy
(3) Theed Pearse, Courtenay

Species	California	Utah	Oregon	Washington	British Columbia
Common Loon (subsp.)	L. May 14 (6)	F. Apr. 6 (2)			
Red-throated Loon	L. Apr. 4 (1)				
Horned Grebe	L. Apr. 28 (6)				L. May 15 (3)
Eared Grebe	2/L. Apr. 3 (1)	F. Apr. 21 (2)	F. May 1 (3)		
Western Grebe	L. Apr. 4 (1)	F. Apr. 6 (2)	F. May 1 (3)		
Great Blue Heron (subsp.)		F. Mar. 4 (2)	F. May 18 (1)		
Green Heron (subsp.)	F. May 7 (7)				
Black-crowned Night Heron		F. Mar. 14 (2)	F. May 1 (3)		
Whistling Swan		F. Feb. 23 (2) L. Apr. 15 (2)			
Common Canada Goose	1/L. Mar. 3 (1)	F. Feb. 24 (2) L. May 10 (2)		L. May 1 (4)	F. Mar. 22 (1)
Black Brant	L. May 16 (6)				L. May 20 (2)
Gadwall		F. Mar. 13 (2)			L. May 4 (2)
European Widgeon	2/L. Feb. 12 (1)				
Baldpate	2/L. May 21 (1)	F. Mar. 13 (2)			L. May 9 (2)
American Pintail	2/L. May 21 (1)	F. Mar. 4 (2)			L. May 6 (2)
Green-winged Teal		F. Mar. 8 (2)			L. May 5 (?)
Cinnamon Teal		F. Mar. 14 (2)	F. May 1 (3)		
Shoveller	3/L. Mar. 6 (1)	F. Mar. 18 (2)	F. May 1 (3)		F. Apr. 25 (3) L. June 3 (2)
Redhead		F. Mar. 21 (2)			
Canvasback	2/L. Apr. 4 (1)	F. Mar. 8 (2)			
Greater Scaup Duck	L. May 16 (1)				L. May 1 (2)
Lesser Scaup Duck	2/L. May 21 (1)	F. Mar. 7 (2) L. May 15 (2)			
American Golden-eye	2/L. Apr. 3 (1)	F. Mar. 2 (2) L. May 5 (2)			L. May 1 (2)
Buffle-head	2/L. Apr. 3 (1)	F. May 6 (2) L. May 10 (2)			L. May 4 (2)
Ruddy Duck	L. May 23 (1)	F. Apr. 6 (2)			
White-winged Scoter			1/ F. Apr. 5 (2)	F. Apr. 13 (2) L. Apr. 20 (2)	L. May 3 (2)
Surf Scoter	2/L. Apr. 4 (1)				L. May 1 (2)
Hooded Merganser		F. Mar. 5 (2)			
Red-breasted Merganser		F. Mar. 6 (2)			L. May 18 (2)
Western Red-tailed Hawk		F. Mar. 21 (2)	F. Mar. 26 (1)	F. May 27 (2)	
Osprey		F. Apr. 30 (2)			F. Apr. 25 (2)
Duck Hawk		F. Mar. 20 (2)			F. Mar. 14 (1)
American Coot		F. Mar. 10 (2)			L. May 1 (2)
Semipalmated Plover	2/F. Feb. 28 (1) L. May 3 (5)				
Black-bellied Plover	4/F. Mar. 28 (1) L. May 30 (1)	F. Apr. 15 (2)			F. Apr. 25 (3) L. May 22 (3)
Black Turnstone	F. Apr. 25 (6) L. May 2 (6)				L. May 6 (2)
Wilson's Snipe	L. May 6 (5)	F. Apr. 1 (2)		F. May 2 (2)	
Hudsonian Curlew	F. Mar. 14 (6) L. May 26 (6)		2/F. May 10 (2)		F. May 5 (3)

Species	California	Utah	Oregon	Washington	British Columbia
Spotted Sandpiper		F. Mar. 22 (2)			
Wandering Tatler	F. Apr. 25 (6) L. May 12 (6)				
Western Willet	F. Feb. 5 (5) L. June 1 (5)	F. Mar. 28 (2)			
Greater Yellow-legs	F. Feb. 17 (6) L. Apr. 25 (6)	F. Mar. 14 (2)			F. Apr. 22 (3) L. May 19 (3)
Lesser Yellow-legs		F. Mar. 16 (2)			
Least Sandpiper	L. May 25 (6)				F. May 9 (3)
Red-backed Sandpiper	L. May 26 (6)		1/L. May 10 (2)	L. Apr. 13 (4)	L. May 7 (3)
Long-billed Dowitcher	F. Mar. 18 (6) L. May 5 (6)	F. Apr. 25 (2)	1/F. May 10 (2)		
Western Sandpiper	L. May 16 (1)	F. Mar. 30 (?)	1/F. May 10 (2)		F. Apr. 26 (3)
Marbled Godwit	F. Feb. 14 (6) L. May 11 (6)	F. Apr. 15 (2)			
Sanderling	1/ L. May 23 (1)	F. Apr. 16 (2)			
Avocet		F. Mar. 12 (2)			
Black-necked Stilt		F. Apr. 29 (2)			
Northern Phalarope	F. Apr. 30 (5,6) L. May 31 (5)				
Glaucous-winged Gull	2/L. May 23 (1)				
Herring Gull	1/L. Apr. 4 (1)				
California Gull		F. Feb. 28 (2)			F. Apr. 11 (3)
Ring-billed Gull	1/L. Apr. 4 (1)				F. Apr. 26 (3)
Short-billed Gull	1/L. Mar. 3 (1)				
Bonaparte's Gull	L. June 6 (1)			F. Apr. 20 (2)	F. Apr. 16 (3)
Forster's Tern	1/L. May 16 (1)	F. Apr. 16 (2)			
Caspian Tern	1/F. Apr. 4 (1) L. May 16 (1)	F. Apr. 15 (2)			
Black Tern	2/F. May 14 (1)	F. May 7 (2)			
Band-tailed Pigeon	F. Apr. 16 (6)			F. Apr. 30 (2)	F. Apr. 25 (3)
Western Mourning Dove	F. Feb. 21 (7)		F. Apr. 25 (1)		F. May 16 (1)
Poor-will (subsp.)	3/F. May 9 (1)				F. May 7 (1)
Pacific Nighthawk	F. May 8 (6)			F. May 30 (1)	F. June 6 (3)
Black Swift	3/F. May 11 (1)				F. May 27 (3)
Black-chinned Hummingbird	F. Apr. 10 (2)				
Rufous Hummingbird	F. Mar. 6 (2) L. Apr. 17 (2)			F. Apr. 7 (4)	F. Apr. 13 (2)
Belted Kingfisher			F. Feb. 12 (1)	F. Apr. 20 (2)	
Red-shafted Flicker		F. Feb. 26 (2)			
Lewis's Woodpecker			F. Apr. 25 (1,2)		F. May 5 (3)
Kingbird			F. May 1 (1)		
Arkansas Kingbird	F. Mar. 30 (6)		F. Apr. 25 (1)		F. May 3 (1)
Ash-throated Flycatcher	3/F. May 9 (1)				
Say's Phoebe			F. Feb. 21 (1)		F. Mar. 22 (1)
Hammond's Flycatcher	5/F. May 7 (1)				
Western Flycatcher	F. Apr. 1 (1)		F. May 4 (1)		F. May 2 (3)

1/ San Pablo Res.
2/ Oakland
3/ Vallejo
4/ Mt. Eden

1/ Depoe Bay, Lincoln County
2/ Lincoln County

1/ Oakland
2/ Oakdale
3/ Glendora
4/ Pinecrest

1/ Lincoln County

Species	California	Utah	Oregon	Washington	British Columbia
Western Wood Pewee	1/ F. May 7 (1,6)				F. May 19 (3)
Olive-sided Flycatcher	F. May 2 (5,6)				F. May 23 (3)
Horned Lark (subsp.)			F. Feb. 3 (1)	F. Apr. 7 (2)	
Violet-green Swallow			F. Apr. 6 (2)	F. Mar. 16 (2)	F. Mar. 12 (3)
Tree Swallow	F. Feb. 14 (5,6)	F. Apr. 6 (2)	F. Apr. 16 (1)		F. Mar. 20 (3)
Rough-winged Swallow	F. Apr. 23 (5)				F. Apr. 26 (3)
Barn Swallow	F. Apr. 4 (5)		F. Apr. 13 (1)	F. Apr. 25 (2)	F. May 1 (3)
Cliff Swallow	F. Mar. 12 (7)	F. Apr. 6 (2)		F. Apr. 27 (2)	F. Apr. 26 (3)
Western House Wren				F. Apr. 26 (4)	F. May 2 (3)
Catbird			F. May 22 (1)		F. May 29 (1)
Western Robin			F. Feb. 2 (1)	F. Feb. 10 (2)	F. Feb. 23 (3)
Varied Thrush (subsp.)			L. May 10 (1)	F. Mar. 26 (2)	
Hermit Thrush (subsp.)	L. Apr. 9 (1)				F. Apr. 25 (3)
Russet-backed Thrush	L. May 4 (1)		L. June 6 (1)	F. Apr. 21 (3)	F. May 19 (3)
Willow Thrush					F. June 3 (1)
Western Bluebird			F. Mar. 6 (1)	F. Mar. 6 (2)	F. Feb. 26 (3)
Mountain Bluebird		F. Mar. 6 (2)	F. Feb. 10 (1)		F. Mar. 6 (1)
Western Ruby-crowned Kinglet	F. Apr. 9 (1)				
American Pipit	2/ L. Apr. 4 (1)				F. Apr. 26 (2)
Cedar Waxwing	L. May 23 (1)		L. Mar. 3 (1)	F. May 24 (2)	
Phainopepla	F. Apr. 29 (2)				
Cassin's Vireo	3/ F. May 7 (1)				F. Apr. 25 (3)
Western Warbling Vireo	2/ F. Apr. 4 (1)				F. May 20 (3)
Orange-crowned Warbler (subsp.)	F. Feb. 16 (5)			F. Apr. 20 (4)	F. Apr. 14 (3)
Vaux's Swift	F. Apr. 25 (5,6)				F. May 19 (3)
Calaveras Warbler	F. Apr. 20 (3)		F. May 10 (1)		
Yellow Warbler (subsp.)	F. Apr. 3 (6)		1/ F. May 16 (2)	F. May 1 (4)	F. May 7 (3)
	1/ Somers 2/ Oakland 3/ Pinecrest, Tuolumne County		1/ Sauvies Island		

Species	California	Utah	Oregon	Washington	British Columbia
Myrtle Warbler	L. Apr. 15 (7)		F. Mar. 11 (2) L. Apr. 26 (2)		
Audubon's Warbler	L. Apr. 2 (1)			F. Mar. 28 (2)	F. Mar. 22 (3)
Black-throated Gray Warbler	1/ F. May 10 (1)				
Hermit Warbler	2/ F. May 6 (1)				
MacGillivray's Warbler	F. May 4 (1)				
Yellowthroat (subsp.)			F. May 16 (2)	F. Apr. 26 (4)	
Long-tailed Chat	F. May 6 (5)				
Golden Pileolated Warbler	F. Apr. 6 (1)				F. May 1 (3)
Western Meadowlark		F. Feb. 24 (2)	F. Mar. 3 (1)		F. Mar. 10 (1)
Red-wing (subsp.)		F. Feb. 10 (2)		F. Apr. 6 (2)	
Bullock's Oriole	F. Apr. 1 (2)		F. May 10 (1)		F. May 16 (1)
Western Tanager	2/ F. May 6 (1)				F. May 16 (3)
Black-headed Grosbeak	F. Apr. 12 (7)		F. May 11 (1)		F. May 30 (3)
Lazuli Bunting	F. May 4 (1)		F. May 9 (1)		
Western Evening Grosbeak	2/ L. Apr. 1 (1)		F. Feb. 2 (1)	L. Feb. 5 (3)	
Purple Finch (subsp.)			F. Mar. 5 (1)	F. Mar. 9 (2)	
Goldfinch (subsp.)			F. Mar. 12 (1)	F. Apr. 24 (2)	
Spurred Towhee			F. Mar. 16 (1)		
Western Savannah Sparrow		F. Mar. 10 (2)	F. Apr. 16 (1)	F. Mar. 27 (1)	F. Apr. 19 (2) L. May 20 (2)
Western Vesper Sparrow			F. Apr. 20 (1)		
Western Lark Sparrow	L. Apr. 15 (7)				
Junco (subsp.)	L. Apr. 10 (7)				
Western Chipping Sparrow	3/ F. May 7 (1)		F. Mar. 22 (1)	F. Apr. 30 (2)	F. Apr. 27 (3)
White-crowned Sparrow (subsp.)	L. Apr. 16 (4)		F. Mar. 9 (1) L. May 15 (1)	F. Mar. 27 (1)	F. Apr. 29 (3)
Golden-crowned Sparrow	L. May 4 (1)			F. Apr. 30 (2) L. May 12 (2)	F. Apr. 26 (2) L. May 14 (2)
Fox Sparrow (subsp.)			F. Feb. 26 (1)		
	1/ Los Angeles County, Camp Baldy 2/ Pinecrest, Tuolumne County 3/ Longbarn, Tuolumne County				

List of other species reported and additional notes on species contained in the preceding table.

Pacific Loon.--Eureka, Calif., May 2 (1) (Davis).

Pied-billed Grebe.--Bear River Refuge, Utah., March 11 (Marshall).

White Pelican.--Bear River Refuge, Utah, March 17 (Marshall).

Double-crested Cormorant.--Bear River Refuge, Utah, March 22 (Marshall).

Brewster's Egret.--Bear River Refuge, Utah, March 29 (Marshall).

American Bittern.--Bear River Refuge, Utah, April 28 (Marshall).

White-faced Glossy Ibis.--Bear River Refuge, Utah, April 11 (Marshall).

Lesser Snow Goose.--Black Slough, Davis County, Utah, February 28 (5000) (Sugden); Bear River Refuge, Utah, March 1 and last seen April 10 (Marshall).

Ross's Goose.--Bear River Refuge, Utah, March 4 (Marshall).

Blue-winged Teal.--Bear River Refuge, Utah, March 6 (Marshall); Bellingham, Wash., May 24 (1 female) (Edson); Courtenay, B. C., May 9 (pair) (Pearse).

Old Squaw.--Courtenay, B. C., last seen May 15 (Pearse).

American Scoter.--Port Hardy, B. C., last seen May 6 (Lyon); Courtenay, B. C., last seen May 15 (Pearse).

American Merganser.--Bear River Refuge, Utah, March 10 (Marshall).

Western Goshawk.--Weston, Oreg., May 1 (1) (Purcell).

Sharp-shinned Hawk.--West Summerland, B. C., March 27 (Simpson).

Golden Eagle.--Vancouver, Wash., April 3 (1) (Comstock).

Marsh Hawk.--Bear River Refuge, Utah, March 21 (Marshall).

Sparrow Hawk.--Weston. Oreg., March 3 (1) (Purcell).

Sandhill Crane.--Moss Landing, Calif., May 10 (6) (McGrury).

Virginia Rail.--Bellingham, Wash., January 7 (1 taken); January 13 (1) (Edson).

Killdeer.--Carmel, Calif., January 10 (McGrury).

Surf-bird.--Port Hardy, B. C., last seen May 6 (Lyon).

Ruddy Turnstone.--Eureka, Calif., April 25 (8) and last seen May 2 (Davis).

Long-billed Curlew.--Bear River Refuge, Utah, March 28 (Marshall).

Spotted Sandpiper.--Bellingham, Wash., June 26 (nest and 4 eggs on the point of hatching) (Edson).

Baird's Sandpiper.--Bear River Refuge, Utah, March 28 (Marshall).

Wilson's Phalarope.--Bear River Refuge, Utah, May 3 (Marshall).

Franklin's Gull.--Bear River Refuge, Utah, April 10 (Marshall).

Pacific Nighthawk.--Bellingham, Wash., June 28 and July 1 (nest and eggs slightly incubated) (Edson).

Texas Nighthawk.--Azusa, Calif., April 13 (1) (Woods); Wellton, Ariz., April 11 (5) (Kittredge).

Ruby-throated Hummingbird.--Weston, Oreg., May 11 (1) (Purcell).

Costa's Hummingbird.--Azusa, Calif., May 9 (1) (Woods).

Allen's Hummingbird.--Azusa, Calif., February 4 (1) (Woods); Eureka, Calif., February 6 (1) (Moll); Petaluma, Calif., March 6 (1) (Kittredge).

Calliope Hummingbird.--Azusa, Calif., March 6 (1 male) (Woods) (an early record).

Little Flycatcher.--Weston, Oreg., May 8 (1) (Purcell).

Bank Swallow.--West Summerland, B. C., April 25 (plentiful) (Simpson).

Western Martin.--Eureka, Calif., May 2 (2) (Davis); Sonora, Calif., May 6 (2) (Kittredge).

Rock Wren.--Near Weston, Oreg., June 2 (8) (Purcell).

Sage Thrasher.--Monrovia, Calif., February 7 (1) (Burchell).

Wood Thrush.--Weston, Oreg., May 27 (1) (Purcell).

Russet-backed Thrush.--Fresno, Calif., February 8 (1) (Peabody).

Townsend's Solitaire.--Port Hardy, B. C., April 12 (1) (Lyon) (first record taken here).

Western Golden-crowned Kinglet.--Bellingham, Wash., January 2 (6) (Edson).

Bohemian Waxwing.--Salt Lake City, Utah, January 16-20 (300), 2000, January 18 (Sugden).

Northwestern Shrike.--Gilroy, Calif., January 10 (3) (Colt); Weston, Oreg., April 16 (1) (Purcell).

Hutton's Vireo.--Eureka, Calif., March 29 (1) (Moll).

Audubon's Warbler.--West Summerland, B. C., May 20 (a nest and 5 eggs) (Simpson) (first nesting record).

Townsend's Warbler.--Courtenay, B. C., April 16 (1) (Pearse).

Yellow-headed Blackbird.--Bear River Refuge, Utah, April 8 (Marshall).

Bicolored Red-wing.--Petaluma, Calif., March 6 (10) (Kittredge).

Arizona Hooded Oriole.--Azusa, Calif., March 14 (1) (Woods).

Brewer's Blackbird.--Weston, Oreg., April 20 (15) (Purcell).

Pine Siskin.--Salt Lake City, Utah, March 6 (many) (Sugden).

Lawrence's Goldfinch.--Azusa, Calif., March 13 (16) and last seen May 10 (Woods).

Green-tailed Towhee.--Azusa, Calif., April 19 (1) (Woods); Strawberry, Tuolumne County, Calif., June 3 (1) (Kittredge).

Western Vesper Sparrow.--West Summerland, B. C., April 23 (1) (Simpson).

Black-chinned Sparrow.--Glendora, Calif., May 8 (1) (Kittredge).

Harris's Sparrow.--Berkeley, Calif., last seen February 25 (Kittredge).

Rusty Song Sparrow.--Pullman, Wash., February 6 (1) (Gilmore).