



The first Tree Swallow to show up at the Park was a male (above left) on the 16th, found at Jensen Pond. Beginning with the 29th, numbers increased considerably. The 14 in the photo above right, were part of 27 observed that day. The nesting boxes found below the Upland Trail were installed for this species, as part of an international study. Other species, including Eastern Bluebirds, will also utilize these boxes.

A total of 84 avian species (plus 2 sp.) was recorded this month, ranking this month as the 3rd highest March among 27 years of records. This total is 28 species more than last month and 6 more than March 2023. March 1998, with only 44 species, is the lowest March, while March 2022 is the highest with 86 species.

Based on citations in the 3rd Edition of "*The Birds of Story County, Iowa*," by Stephen J. Dinsmore and Hank Zaletel (2001), plus my personal updates to the records, the single Tree Swallow found on the 16th may represent a new extreme early Spring record (former record set on 17 March 2016 at AHHP) for Story County. Other potential new extreme early Spring records include the single Purple Martin on the 8th (former record set on 17 March 2012 at AHHP) and the single Hermit Thrush on the 22nd (former record set on 30 March 1986 at Brookside Park). The single Savannah Sparrow on the 5th ties the extreme early record set in 2006 at AHHP.

Listed below, following the species' names, are the date(s) of sighting(s), plus the occasional miscellaneous information regarding numbers, gender (♂=male, ♀=female), age (im=immature, ju=juvenile, bp=breeding plumage, ad=adult, sa=sub-adult, nb=non-breeding), color phase (b=blue, w=white), and location (BY=back yard, FY=front yard). The order follows the 64th Supplement (2023) to the American Ornithologists' Union *Check-list of North American Birds* and the 23rd Supplement to the 7th Edition (1998).

AVIAN

SNOW GOOSE: 3 (2 w), 4 (173 w & b), 11 (323 w & b), 12 (250+ w & b), 29 (1 im w), 30 (2 ad + 1 im w)

ROSS'S GOOSE: 4 (1 w), 10 (1 w), 17 (1 w), 30 (1 w)

GREATER WHITE-FRONTED GOOSE: 1 (1), 2 (188), 6 (8), 7 (36), 10 (434), 12 (6), 15 (81), 16 (43), 22 (45), 25 (~75), 28 (2), 29 (7)

CANADA GOOSE: 1 (83 + BY 1), 2 (72), 3 (130), 4 (68), 5 (91), 6 (95), 7 (113), 8 (52), 9 (36), 10 (58), 11 (57), 12 (112), 13 (84 + BY 11), 14 (58), 15 (46), 16 (65), 17 (76), 18 (43), 19 (63), 20 (84), 21 (88), 22-23 (20), 24 (17), 25 (55), 26 (113), 27 (86), 28 (95), 29 (115), 30 (111), 31 (93)

TRUMPETER SWAN: 4 (3 ad), 28 (1 ad)

WOOD DUCK: 6 (1 $\frac{3}{2}$), 10 (1 $\frac{3}{2}$), 13 (4 $\frac{3}{2}$ + 4 $\frac{9}{2}$), 14 (2 $\frac{3}{2}$ + 2 $\frac{9}{2}$), 18 (7 $\frac{3}{2}$ + 4 $\frac{9}{2}$), 20 (1 $\frac{3}{2}$ + 1 $\frac{9}{2}$), 21 (5 $\frac{3}{2}$ +

- 29), 23 (17 \Diamond + 4 \Diamond), 25 (8 \Diamond + 4 \Diamond), 26 (34), 27 (11 \Diamond + 6 \Diamond), 28 (13 \Diamond + 8 \Diamond), 29 (2 \Diamond + 1 \Diamond), 30 (3 \Diamond + 1 \Diamond), 31 (1 \Diamond)
- BLUE-WINGED TEAL: 14 (1 \circlearrowleft), 22 (1 \circlearrowleft), 25 (18 \circlearrowleft + 11 \updownarrow), 26 (39), 27 (1 \circlearrowleft), 28 (9 \circlearrowleft + 3 \updownarrow), 29 (24 \circlearrowleft + 16 \updownarrow), 30 (19 \circlearrowleft + 16 \updownarrow), 31 (16 \circlearrowleft + 14 \updownarrow)
- NORTHERN SHOVELER: $7 (1 \stackrel{?}{\circ} + 2 \stackrel{?}{\circ})$, $11 (2 \stackrel{?}{\circ} + 1 \stackrel{?}{\circ})$, $12 (8 \stackrel{?}{\circ} + 5 \stackrel{?}{\circ})$, $13 (14 \stackrel{?}{\circ} + 10 \stackrel{?}{\circ})$, $14 (2 \stackrel{?}{\circ} + 2 \stackrel{?}{\circ})$, $21 (3 \stackrel{?}{\circ} + 1 \stackrel{?}{\circ})$, $22 (10 \stackrel{?}{\circ} + 7 \stackrel{?}{\circ})$, $23 (7 \stackrel{?}{\circ} + 1 \stackrel{?}{\circ})$, $24 (3 \stackrel{?}{\circ} + 1 \stackrel{?}{\circ})$, $25 (123 \stackrel{?}{\circ} + 94 \stackrel{?}{\circ})$, 26 (25), $27 (1 \stackrel{?}{\circ} + 1 \stackrel{?}{\circ})$, $28 (28 \stackrel{?}{\circ} + 19 \stackrel{?}{\circ})$, $29 (75 \stackrel{?}{\circ} + 55 \stackrel{?}{\circ})$, $30 (14 \stackrel{?}{\circ} + 8 \stackrel{?}{\circ})$, $31 (30 \stackrel{?}{\circ} + 11 \stackrel{?}{\circ})$
- GADWALL: $1 (1 \stackrel{?}{ } + 1 \stackrel{?}{ })$, $2 (7 \stackrel{?}{ } + 3 \stackrel{?}{ })$, $3 (1 \stackrel{?}{ } + 1 \stackrel{?}{ })$, $6 (1 \stackrel{?}{ } + 1 \stackrel{?}{ })$, $7 (3 \stackrel{?}{ } + 2 \stackrel{?}{ })$, $11 (4 \stackrel{?}{ } + 4 \stackrel{?}{ })$, $12 (20 \stackrel{?}{ } + 17 \stackrel{?}{ })$, $13 (8 \stackrel{?}{ } + 4 \stackrel{?}{ } + 12)$, 16 (4), $21 (3 \stackrel{?}{ } + 3 \stackrel{?}{ })$, $22 (14 \stackrel{?}{ } + 14 \stackrel{?}{ })$, $23 (2 \stackrel{?}{ } + 2 \stackrel{?}{ })$, $25 (32 \stackrel{?}{ } + 26 \stackrel{?}{ })$, 26 (38), 27 (19), $28 (25 \stackrel{?}{ } + 23 \stackrel{?}{ } + 7)$, $29 (86 \stackrel{?}{ } + 55 \stackrel{?}{ })$, $30 (3 \stackrel{?}{ } + 3 \stackrel{?}{ })$, $31 (3 \stackrel{?}{ } + 2 \stackrel{?}{ })$
- AMERICAN WIGEON: 13 (1 \updownarrow), 22 (4 \circlearrowleft + 5 \updownarrow), 23 (1 \circlearrowleft + 1 \updownarrow), 24 (4 \circlearrowleft + 2 \updownarrow), 25 (5 \circlearrowleft + 5 \updownarrow), 26 (1 \circlearrowleft + 1 \updownarrow), 28 (1 \circlearrowleft + 1 \updownarrow), 29 (6 \circlearrowleft + 5 \updownarrow), 31 (1 \circlearrowleft + 1 \updownarrow)
- MALLARD: 1 (5), 2 (1), 4 (5), 5 (7), 6 (5), 7 (2), 10 (7), 11 ($4\martin{O}$ + $5\martin{Q}$), 12 (28), 13 (13), 14 (5), 15 (9), 16-17 ($1\martin{O}$ + $1\martin{Q}$), 19 (6 \martin{O} + $4\martin{Q}$), 20 (9), 21 (61), 22 (50), 23 (18), 25 ($10\martin{O}$ + $9\martin{Q}$), 26 (39), 27 (18), 28 ($19\martin{O}$ + $23\martin{Q}$), 29 ($14\martin{O}$ + $10\martin{Q}$), 30 ($17\martin{O}$ + $14\martin{Q}$), 31 ($31\martin{O}$ + $18\martin{Q}$)
- NORTHERN PINTAIL: 5 (6), 12 (4 $^{\circ}$ + 3 $^{\circ}$), 16 (14), 25 (3 $^{\circ}$ + 4 $^{\circ}$), 27 (2 $^{\circ}$ + 1 $^{\circ}$), 28-29 (1 $^{\circ}$)
- GREEN-WINGED TEAL: 6 (2 $\stackrel{?}{\circ}$), 7 (1 $\stackrel{?}{\circ}$ + 1 $\stackrel{?}{\circ}$), 12 (16 $\stackrel{?}{\circ}$ + 5 $\stackrel{?}{\circ}$), 13 (3 $\stackrel{?}{\circ}$ + 1 $\stackrel{?}{\circ}$), 14 (37), 15 (7), 18 (3 $\stackrel{?}{\circ}$ + 1 $\stackrel{?}{\circ}$), 20 (2 $\stackrel{?}{\circ}$ + 1 $\stackrel{?}{\circ}$), 21 (3 $\stackrel{?}{\circ}$ + 2 $\stackrel{?}{\circ}$), 22 (6 $\stackrel{?}{\circ}$ + 3 $\stackrel{?}{\circ}$), 23 (2 $\stackrel{?}{\circ}$), 24 (5 $\stackrel{?}{\circ}$ + 3 $\stackrel{?}{\circ}$), 25 (117 $\stackrel{?}{\circ}$ + 112 $\stackrel{?}{\circ}$), 26 (135), 27 (46), 28 (46 $\stackrel{?}{\circ}$ + 38 $\stackrel{?}{\circ}$), 29 (47 $\stackrel{?}{\circ}$ + 27 $\stackrel{?}{\circ}$), 30 (21 $\stackrel{?}{\circ}$ + 21 $\stackrel{?}{\circ}$), 31 (24 $\stackrel{?}{\circ}$ + 17 $\stackrel{?}{\circ}$)
- CANVASBACK: 13 (1♂), 25 (1♂ + 3♀)
- REDHEAD: 13 (2 $\sqrt[3]{} + 1$ \bigcirc), 22 (8 $\sqrt[3]{} + 6$ \bigcirc), 25 (3 $\sqrt[3]{} + 4$ \bigcirc), 31 (1 $\sqrt[3]{} + 1$ \bigcirc), 31 (1 $\sqrt[3]{} + 1$ \bigcirc)
- RING-NECKED DUCK: 7 (2 1 + 1), 11 (6 3 + 3), 12 (20 13), 13 (4 13), 19 (1 14), 21 (1 14), 19 (1 14), 21 (1 14
- LESSER SCAUP: 1 (1 \circlearrowleft), 4 (9), 7 (15 \circlearrowleft + 11 \circlearrowleft), 8 (1 \circlearrowleft), 12 (15 \circlearrowleft + 7 \backsim), 13 (10 \circlearrowleft + 7 \backsim), 14 (6), 18 (20), 19 (9 \circlearrowleft + 11 \backsim), 21 (7 \circlearrowleft + 4 \backsim), 22 (125 \circlearrowleft + 31 \backsim), 23 (2 \circlearrowleft), 25 (112 \circlearrowleft + 29 \backsim), 27 (28), 28 (26 \circlearrowleft + 15 \backsim), 29 (43 \circlearrowleft + 22 \backsim), 30 (1 \circlearrowleft + 3 \backsim), 31 (3 \circlearrowleft + 2 \backsim)
- BUFFLEHEAD: 13 (6 \circlearrowleft + 9 \circlearrowleft), 16 (2 \circlearrowleft + 2 \hookrightarrow), 21 (1 \circlearrowleft + 1 \hookrightarrow), 22 (3 \circlearrowleft + 2 \hookrightarrow), 24 (1 \circlearrowleft + 3 \hookrightarrow), 26 (9), 27 (2 \circlearrowleft + 1 \hookrightarrow), 28 (9 \circlearrowleft + 5 \hookrightarrow), 29 (1 \circlearrowleft), 30 (2 \circlearrowleft + 2 \hookrightarrow), 31 (7 \circlearrowleft + 5 \hookrightarrow)
- COMMON GOLDENEYE: 1 (1 $\stackrel{?}{\circ}$), 11 (1 $\stackrel{?}{\circ}$), 12 (1 $\stackrel{?}{\circ}$), 14 (1 $\stackrel{?}{\circ}$ + 1 $\stackrel{?}{\circ}$), 18-19 (1 $\stackrel{?}{\circ}$)
- HOODED MERGANSER: 1 (1 \circlearrowleft), 5 (2 \circlearrowleft + 1 \circlearrowleft), 12 (4 \circlearrowleft + 2 \hookrightarrow), 17 (1 \hookrightarrow), 22 (5 \circlearrowleft + 2 \hookrightarrow), 23 (1 \circlearrowleft), 27 (2 \circlearrowleft + 1 \hookrightarrow), 28 (1 \circlearrowleft + 1 \hookrightarrow), 29 (4 \circlearrowleft +5 \hookrightarrow)
- COMMON MERGANSER: 1 (13), 3 (13), 9 (13), 10 (13 + 1 \updownarrow), 22 (13 + 2 \updownarrow), 25 (13)
- RED-BREASTED MERGANSER: 7 (2 $\stackrel{\circ}{\downarrow}$), 11 (2 $\stackrel{\circ}{\circlearrowleft}$), 20-21 (1 $\stackrel{\circ}{\circlearrowleft}$), 25 (1 $\stackrel{\circ}{\circlearrowleft}$)
- RUDDY DUCK: 16 (1 \bigcirc), 22 (1 \bigcirc), 26 (6 \bigcirc + 4 \bigcirc), 27 (3 \bigcirc + 3 \bigcirc), 28 (6 \bigcirc + 3 \bigcirc), 30 (1 \bigcirc), 31 (1 \bigcirc + 1 \bigcirc)
- Duck sp.: 3-4 (27), 8 (3), 14 (19), 16 (2), 21 (2), 23 (43), 28 (33)

RING-NECKED PHEASANT:8 (1), 11-12 (1), 14 (13), 16 (2), 18 (2), 19-20 (1), 26 (2), 31 (2)

PIED-BILLED GREBE: 13 (1), 22-23 (1), 25 (4), 26 (2), 28 (3), 29 (5), 30 (1), 31 (15)

HORNED GREBE: 30 (1 nb)

EURASIAN COLLARED-DOVE: 3 (1 + FY 1), 6 (FY 1), 8 (FY 1), 12 (FY 1), 14 (FY 1), 15 (1), 18 (FY 1), 22 (1 + FY 1), 23 (1), 30-31 (1)

MOURNING DOVE: 1 (4), 2 (6 + BY 1), 3 (2), 4 (1 + BY 1), 5 (2 + BY 1), 6 (12 + BY 1), 7 (3 + BY 2), 8 (2 + BY 2), 9 (5), 10 (7), 11 (7 + BY 4), 12 (6 + BY 1), 13 (5 + BY 1), 14 (10 + BY 1), 15 (10 + BY 1), 16 (8 + BY 1), 17 (1 + BY 2), 18 (4 + BY 1), 19 (3 + BY 1), 20 (6 + BY 2), 21 (5 + BY 3), 22 (BY 2), 23 (5 + BY 2), 24 (1 + BY 1), 25 (4 + BY 2), 26 (1 + BY 2), 27 (5 + BY 2), 28 (3 + BY 2), 29 (3 + BY 1), 30 (8 + BY 2), 31 (8)

AMERICAN COOT: 21 (1), 22 (62), 23 (23), 24 (18), 25 (54), 26 (42), 27 (24), 30 (78), 31 (42)

KILLDEER: 7 (1), 9 (2), 10-11 (1), 12 (4), 13 (1), 14 (4), 15 (2), 17 (5), 18 (1), 19 (4), 20 (2), 21 (3), 22 (7 + BY 1), 23 (1), 26-28 (1), 29 (2), 31 (4)

AMERICAN WOODCOCK: 24 (1), 26 (1), 31 (2)

WILSON'S SNIPE: 20 (1), 22 (2)

GREATER YELLOWLEGS: 31 (1)

RING-BILLED GULL: 1 (22), 2 (6), 4-5 (1), 10 (9), 11 (5), 12 (1), 21 (5), 22 (13), 24 (33), 25 (9), 26 (1), 28 (7), 29 (1), 31 (8)

COMMON LOON: 21 (2 bp), 22 (3 bp), 23-24 (2 bp), 25 (4 bp), 26 (3 bp), 28-29 (3 bp), 30 (2 bp), 31 (5 bp)

DOUBLE-CRESTED CORMORANT: 25 (3), 29 (2), 30 (7)

GREAT BLUE HERON: 22 (2), 24 (1), 26 (3), 27 (4), 28 (3 + BY 3), 29 (1)

TURKEY VULTURE: 16 (2), 20 (BY 1), 21 (2), 22 (15), 23 (1), 25 (3), 26 (1), 27 (2 + BY 1), 28-29 (2), 30 (22), 31 (3)

SHARP-SHINNED HAWK: 4 (1 ad), 14 (1 ad), 26 (1), 30 (1)

COOPER'S HAWK: 9 (BY 1 im), 12 (1 ad), 15 (1), 18 (1 ad), 29 (1)

BALD EAGLE: 1-2 (1 ad), 4-5 (1 ad), 6 (1 ad + 3 im), 7-8 (2 ad), 10 (1 ad), 11 (1 ad + 1 im), 13 (1 ad), 14 (2 ad + 2 im), 16-17 (1 ad), 18 (1 ad + BY 1 im), 19-20 (1 ad + 1 im), 21 (1 ad + BY 1 ad), 22 (2 ad + 1 im + BY 1 im), 23 (1 ad + BY 1 ad), 24 (2 ad + 1 im), 25-27 (2 ad), 28 (1 ad + 1 im), 29-30 (2 ad + 1 im)

RED-TAILED HAWK: 1 (3), 2-3 (2), 4-5 (1), 9 (1), 13 (3), 15-16 (1), 18-19 (1), 22 (1), 24 (1), 25 (2), 27-30 (1)

BARRED OWL: 1 (BY 2), 12 (BY 1), 14 (BY 1), 16 (BY 1), 18 (BY 2), 28 (1), 29 (BY 1)

BELTED KINGFISHER: 2 (13), 27 (1), 29 (1)

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RED-BELLIED WOODPECKER: 1 (2 + BY 1), 2 (4), 3 (1), 4 (2), 5 (3), 6 (4 + BY 1\(\triangle\), 7 (4), 8 (1), 9 (5), 10-11 (4), 12-16 (3), 18 (1 + BY 1\(\triangle\), 19 (2), 21 (2 + BY 1\(\triangle\), 22 (2 + BY 1\(\triangle\), 23 (BY 1\(\triangle\), 24 (2), 25-26 (1), 27 (2), 28-29 (3), 30 (5), 31 (4)
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DOWNY WOODPECKER: 1 (7), 2 (9), 3 (2), 4 (3 + BY 1\circlearrowleft), 5 (5), 6 (3), 7 (5), 8 (1 + BY 1\hookrightarrow), 9 (5), 10 (6 + BY 1\circlearrowleft + 1\hookrightarrow), 11 (4), 12 (6), 13 (1), 14 (6), 15 (5), 16 (14), 17 (3 + BY 1\circlearrowleft + 1\hookrightarrow), 18 (2), 19 (2 + BY 1\circlearrowleft + 1\hookrightarrow), 20 (8), 21 (4), 22 (1 + BY 1\circlearrowleft + 1\hookrightarrow), 25 (2 + BY 1\circlearrowleft), 26 (1), 27 (8), 28-29 (5), 30 (2), 31 (7)
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HAIRY WOODPECKER: 2 (1), 5 (1♀), 9 (1), 10 (1♂), 11 (1), 13-14 (1), 18 (BY 1♂), 20 (BY 1♂), 21 (1♀), 27 (1♂)

NORTHERN FLICKER (Yellow-shafted): 1 (2), 2 (1), 6 (2), 11-13 (2), 14 (1), 15 (2), 17 (2), 19-20 (1), 21 (2), 23 (1), 25 (1), 26 (9), 27-28 (6), 29 (5), 30 (9), 31 (3)

AMERICAN KESTREL: 27 (1 $^{\circ}$ + 1 $^{\circ}$), 28 (1 $^{\circ}$), 30 (1 $^{\circ}$)

NORTHERN SHRIKE: 6-8 (1), 10 (1), 18 (1), 20 (1), 22 (1), 28 (1)

BLUE JAY: 1 (7), 2 (4), 3 (2), 4 (1), 5 (5 + BY 2), 6 (4 + BY 1), 7 (6), 9 (2), 10 (5 + BY 1), 11 (3), 12 (2 + BY 1), 13 (5), 14 (4 + BY 1), 15 (6), 16 (5 + BY 2), 18 (1 + BY 1), 19 (5 + BY 1), 20 (3 + BY 1), 21 (6 + BY 1), 22 (2 + BY 1), 24 (2 + BY 1), 25 (2), 26 (3), 27 (4 + BY 1), 28 (5), 29 (4), 30 (3), 31 (7 + BY 1)

AMERICAN CROW: 1 (11 + BY 12), 2 (11 + BY 11), 3 (3), 4 (6), 5 (11), 6 (24), 7 (3), 8 (1), 9 (3 + BY 1), 10 (11 + BY 1), 11 (3 + BY 1), 12 (9 + BY 1), 13 4 + BY 1), 14 (3), 15 (6), 16 (6 + FY 1), 17 (1), 18 (3 + BY 1), 19 (7 + BY 2), 20 (6), 21 (7), 22 (6 + BY 1), 23 (2 + BY 1), 24 (4), 25 (6 + BY 2), 26 (6), 27-30 (4), 31 (9)

BLACK-CAPPED CHICKADEE: 1 (2 + BY 2), 2 (5 + BY 2), 3 (2 + BY 2), 4 (3 + BY 3), 5 (8 + BY 1), 6 (14 + BY 3), 7 (4 + BY 2), 8 (2 + BY 1), 9 (6 + BY 1), 10 (7 + BY 1), 11 (3 + BY 1), 12 (7 + BY 1), 13 (4), 14 (2 + BY 2), 15 (9 + BY 2), 16 (2 + BY 2), 17 (1 + BY 1), 18 (6 + BY 1), 19 (5 + BY 1), 20 (4 + BY 1), 21 (9 + BY 2), 22 (4 + BY 2), 23 (3 + BY 2), 24 (BY 2), 25 (3 + BY 3), 26 (3 + BY 2), 27 (5 + BY 3), 28 (4 + BY 3), 29 (2 + BY 1), 30 (1 + BY 1), 31 (4 + BY 4)

TREE SWALLOW: 16 (13), 19 (13), 25 (6), 28 (2), 29 (17), 30 (15), 31 (27)

PURPLE MARTIN: 8 (1), 29 (2), 31 (5)

GOLDEN-CROWNED KINGLET: 31 (1)

CEDAR WAXWING: 8 (23), 15 (15)

WHITE-BREASTED NUTHATCH: 1 (5), 2-3 (4), 4 (3), 5 (4 + BY 1), 6 (6), 7 (3), 8 (1 + BY 1), 9 (3), 10 (6), 11 (4), 12 (3), 13 (4), 14 (3), 15 (4), 16 (2), 19 (3), 20-21 (2), 25 (1), 27 (2), 28 (3), 29-31 (2)

EUROPEAN STARLING: 1 (5 + BY 4), 2 (14), 3 (4), 4 (76), 5 (8), 6 (12), 7 (23 + FY 2), 8 (55 + BY 3), 9 (14), 10 (15), 11 (7), 12 (15), 13 (17), 14 (15), 15 (22 + BY 1), 16 (11), 17 (21), 18 (43 + BY 1), 19 (24), 20 (17), 21 (13 + BY 1), 22 (13 + BY 1), 23 (17), 24 (24 + BY 3), 25 (10 + BY 1), 26 (19), 27 (9), 28 (6), 29 (13), 30 (9), 31 (16)

EASTERN BLUEBIRD: 1 (3 \circlearrowleft + 4 \circlearrowleft), 2 (1 \circlearrowleft + 2 \backsim), 3 (2 \circlearrowleft + 1 \backsim), 4 (1 \circlearrowleft + 1 \backsim), 5 (2 \circlearrowleft + 2 \backsim), 6 (2 \circlearrowleft + 1 \backsim), 7 (4 \circlearrowleft + 3 \backsim), 9 (2 \circlearrowleft + 3 \backsim), 10-11 (3 \circlearrowleft + 2 \backsim), 12 (3 \circlearrowleft + 1 \backsim), 13 (1 \circlearrowleft + 3 \backsim), 14 (4 \circlearrowleft + 3 \backsim), 15 (3 \circlearrowleft + 1 \backsim), 16 (1 \circlearrowleft + 1 \backsim), 19 (2 \circlearrowleft), 20 (1 \circlearrowleft + 2 \circlearrowleft), 21 (2 \circlearrowleft + 1 \backsim), 23 (1 \circlearrowleft + 1 \backsim), 24 (2 \circlearrowleft), 25 (1 \circlearrowleft), 27 (1 \circlearrowleft + 2 \backsim), 28 (3 \circlearrowleft + 1 \backsim), 29 (3 \circlearrowleft + 2 \backsim), 30 (2 \circlearrowleft + 1 \backsim), 31 (1 \circlearrowleft)

HERMIT THRUSH: 22 (1)

AMERICAN ROBIN: 1 (16), 2 (18), 3 (21 + BY 1), 4 (50 + FY 3), 5 (35 + BY 1), 6 (43 + BY 1), 7 (56 + BY 1), 8 (98), 9 (60 + BY 4), 10 (49 + BY 2), 11 (49 + BY 2), 12 (50 + BY 2), 13 (51 + BY 1), 14 (75 + BY 1), 15 (77 + BY 2), 16 (53 + BY 1), 17 (49 + BY 1), 18 (21 + BY 1), 19 (64 + BY 1), 20 (49 + BY 1), 21 (45 + BY 1), 22 (124 + BY 2), 23 (33 + BY 1), 24 (105 + BY 1), 25 (60 + BY 2), 26 (90 + BY 1), 27 (130 + BY 1), 28 (60 + BY 1), 29 (81 + BY 1), 30 (54 + BY 2), 31 (57 + BY 1)

HOUSE SPARROW: 1 (10), 2 (7 + BY 1), 3 (6), 4 (7 + BY 2), 5 (11 + BY 1), 6 (16), 7 (23 + BY 2), 8 (7 + BY 3), 9 (10), 10 (17 + BY 2), 11 (12), 12 (8 + BY 1), 13 (10), 14 (4), 15 (21 + BY 2), 16 (10), 17 (8), 18 (5 + BY 3), 19 (10), 20 (6 + BY 2), 21 (5 + BY 3), 22 (6 + BY 4), 23 (4 + BY 2), 24 (2 + BY 1), 25 (10 + BY 1), 26 (10), 27 (24 + BY 1), 28 (12), 29 (14 + BY 3), 30 (10 + BY 1), 31 (8 + BY 1)

EURASIAN TREE SPARROW: 5 (2), 13 (2)

HOUSE FINCH: 1 (9 + BY 2), 2 (11 + BY 3), 3 (10 + BY 6), 4 (12 + BY 9), 5 (8 + BY 2), 6 (12 + BY 9), 7 (18 + BY 10), 8 (20 + BY 12), 9 (12 + BY 4), 10 (24 + BY 7), 11 (21 + BY 6), 12 (21 + BY 6), 13 (6 + BY 2), 14 (6 + BY 4), 15 (20 + BY 4), 16 (13 + BY 2), 17 (13 + BY 4), 18 (16 + BY 7), 19 (12 + BY 4), 20 (8 + BY 7), 21 (10 + BY 10), 22 (7 + BY 20), 23 (2 + BY 7), 24 (2 + BY 14), 25 (13 + BY 5), 26 (3 + BY 6), 27 (12 + BY 7), 28 (13 + BY 3), 29 (5 + BY 4), 30 (8 + BY 5), 31 (3 + BY 6)

PURPLE FINCH: 31 (13)

PINE SISKIN: 1 (2), 19 (1), 22 (2)

AMERICAN GOLDFINCH: 1 (7), 5 (1), 6 (3), 7 (5), 9 (5), 10 (4), 11 (3), 12 (3 + BY 1), 13 (1 + FY 1), 14-15 (2), 16 (3), 18 (3), 19 (10), 21 (9), 22 (8), 27 (1), 29 (2), 30 (3)

FOX SPARROW: 15 (1), 22 (1 + BY 1), 23 (BY 1), 24 (2 + BY 4), 25 (BY 4), 26 (BY 3), 27 (BY 4), 28 (3 + BY 3), 29 (10 + BY 4), 30 (BY 1), 31 (3 + BY 2)

AMERICAN TREE SPARROW: 1 (34), 2 (30), 3 (13), 4 (47), 5 (30), 6 (25), 7 (13), 8 (93), 9 (28), 10 (26), 11 (27), 12 (19), 13 (16), 14 (39), 15 (30), 16 (33), 17 (39), 18 (48), 19 (32), 20 (40), 21 (23), 22 (89 + BY 1), 23 (31), 24 (28), 25 (14), 26 (113), 27 (75), 28 (29), 29 (43), 30 (1), 31 (51)

DARK-EYED JUNCO (Slate-colored): 1 (4), 2 (5 + BY 4), 3 (3), 4 (12 + BY 8), 5 (8 + BY 4), 6 (31 + BY 4), 7 (16 + BY 3), 8 (16 + BY 7), 9 (19 + BY 2), 10 (32 + BY 4), 11 (29 + BY 3), 12 (12 + BY 4), 13 (15 + BY 4), 14 (30 + BY 2), 15 (30 + BY 3), 16 (13 + BY 1), 17 (17 + BY 14), 18 (4 + BY 6), 19 (8 + BY 6), 20 (3 + BY 4), 21 (12 + BY 5), 22 (79 + BY 21), 23 (20 + BY 19), 24 (21 + BY 23), 25 (19 + BY 18), 26 (78 + BY 13), 27 (21 + BY 12), 28 (18 + BY 12), 29 (76 + BY 8), 30 (23 + BY 4), 31 (15 + BY 5)

HARRIS'S SPARROW: 4 (BY 1), 8 (BY 1), 15 (BY 1), 18 (BY 1), 22 (BY 2), 23-25 (BY 1)

WHITE-THROATED SPARROW: 11 (3)

VESPER SPARROW: 26 (1)

SAVANNAH SPARROW: 5 (1)

SONG SPARROW: 1 (3), 2 (1), 3 (3), 4 (4), 5 (3), 6 (2), 7 (4), 8 (5), 9 (6), 10 (12), 11 (17), 12 (20), 13 (10), 14-15 (23), 16 (16), 17 (13), 18-19 (20), 20 (14), 21 (23), 22 (72 + BY 1), 23 (31), 24 (24), 25 (29 + BY 1), 26 (50), 27 (28), 28 (25), 29 (31), 30 (25), 31 (35)

SWAMP SPARROW: 14 (1), 17 (1), 22-23 (1), 25 (2), 26-27 (1)

EASTERN MEADOWLARK: 6 (4), 10 (1), 11 (2), 13-14 (1), 15 (2), 16 (1), 19 (1), 31 (2)

RED-WINGED BLACKBIRD: 1 (80), 2 (73), 3 (76), 4 (37 + BY 4♂), 5 (64), 6 (78 + BY 3), 7 (82 + BY 1♂), 8 (50 + BY 2♂), 9 (108 + BY 10), 10 (96 + BY 2♂), 11 (121 + BY 2♂), 12 (98 + BY 1♂), 13 (117 + BY 2♂), 14 (117 + BY 1♂), 15 (93 + BY 1♂), 16 (73 + BY 1♂), 17 (124), 18 (95 + BY 2♂), 19 (95 + BY 2♂), 20 (44 + BY 1), 21 (110 + BY 1), 22 (15 + BY 2), 23 (64 + BY 3), 24 (29 + BY 5), 25 (64 + BY 2), 26 (60), 27 (99 + BY 1), 28 (124 + BY 2), 29 (60 + BY 1), 30 (84 + BY 1), 31 (92 + BY 3)

BROWN-HEADED COWBIRD: 1-2 (1 \checkmark), 5 (2 \checkmark + 1 \circlearrowleft), 6 (3 \checkmark + 1 \circlearrowleft), 7 (2 \checkmark + 1 \circlearrowleft), 8 (9 \checkmark), 9 (8), 10 (5 \checkmark), 11 (16 \checkmark + 2 \hookrightarrow), 12 (13 \checkmark + 2 \hookrightarrow), 13 (4 \checkmark + 2 \hookrightarrow), 14 (1 \checkmark), 15 (10 \checkmark + 1 \hookrightarrow), 16 (11 \checkmark), 17 (14 \checkmark + 1 \hookrightarrow), 18 (27), 19 (30), 20 (9), 21 (6 \checkmark), 22 (4 \checkmark + BY 7 \checkmark), 23 (1 \checkmark + BY 1 \checkmark), 24 (38 + BY 1 \checkmark), 25 (2 \checkmark), 27 (9 \checkmark + 1 \hookrightarrow), 28 (12 \checkmark + 1 \hookrightarrow), 28 (12 \checkmark + 1 \hookrightarrow), 29 (15 \checkmark), 30 (17 \checkmark + 4 \hookrightarrow), 31 (9 \checkmark + 2 \hookrightarrow)

RUSTY BLACKBIRD: 27 (33), 28 (12)

BREWER'S BLACKBIRD: 26 (2 $^{\wedge}$ + 1 $^{\circ}$)

COMMON GRACKLE: 5 (1), 6 (8 + BY 1), 7 (16 + BY 2), 8 (46 + FY 21), 9 (18), 10 (12 + BY 1), 11 (21), 12 (36 + BY 2), 13 (60 + BY 2), 14 (96 + FY 36), 15 (107 + FY 65), 16 (69 + BY 2), 17 (212 + BY 1), 18 (189 + BY 13), 19 (155 + BY 5), 20 (66 + BY 5), 21 (96 + BY 13), 22 (56 + BY 6), 23 (105 + BY 14), 24 (52 + BY 16), 25 (99 + BY 14), 26 (95 + BY 1), 27 (98 + BY 6), 28 (61 + BY 4), 29 (137 + BY 20), 30 (146 + BY 17), 31 (159 + BY 19)

Blackbird sp.: 1 (~150 + BY ~250), 2 (45+), 13 (45+), 16 (42+), 18 (23+), 20 (75+)

NORTHERN CARDINAL: 1 (9 + BY 1 \circlearrowleft), 2 (15), 3 (8 + BY 1 \circlearrowleft), 4 (4 + BY 1 \circlearrowleft), 5 (14), 6 (13 + BY 1 \circlearrowleft), 7 (17 + BY 1 \circlearrowleft), 8 (3 + BY 1 \circlearrowleft), 9 (17 + BY 1 \circlearrowleft), 10 (13 + BY 1 \circlearrowleft), 11 (20 + BY 1 \circlearrowleft), 12 (15 + BY 1 \circlearrowleft), 13 (13 + BY 1 \circlearrowleft), 14 (18 + 1 \circlearrowleft + 1 \circlearrowleft), 15 (22), 16 (18), 17 (7 + BY 1 \circlearrowleft), 18 (12 + BY 1 \circlearrowleft), 19 (13 + BY 1 \circlearrowleft), 20 (8), 21 (16), 22 (5 + BY 1 \circlearrowleft + 1 \circlearrowleft), 23 (5 + BY 1 \circlearrowleft + 1 \circlearrowleft), 24 (11), 25 (19 + BY 1 \circlearrowleft), 26 (8), 27 (12 + BY 1 \circlearrowleft + 1 \hookrightarrow), 28 (13 + BY 1 \circlearrowleft), 29 (13 + BY 1 \circlearrowleft + 1 \hookrightarrow), 30 (7 + BY 1 \circlearrowleft + 1 \hookrightarrow), 31 (16 + BY 1 \circlearrowleft + 1 \hookrightarrow)

MAMMALIAN

EASTERN COTTONTAIL: 1-10, 12-15, 17-31

EASTERN CHIPMUNK: 5 (BY 1), 10 (BY 1), 18 (BY 1), 20 (BY 2), 21 (BY 1), 27-31 (BY 1)

WOODCHUCK: 25 (1)

THIRTEEN-LINED GROUND SQUIRREL: 17 (1)

EASTERN FOX SQUIRREL: 1-31

AMERICAN BEAVER: 15 (2), 25 (1), 29 (1), 31 (1)

COYOTE: 1 (1)

RED FOX: 26 (by 1), 29 (by 1)

NORTHERN RACCOON: 1 (BY 1), 20-21 (BY 1), 25-30 (BY 1), 31 (BY 2)

NORTHERN RIVER OTTER: 13 (2), 26 (1)

STRIPED SKUNK: 30 (BY 1)

WHITE-TAILED DEER: 1 (9 + BY 2), 2 (2 + BY 1), 3 (8 + BY 2), 4 (6), 5 (16), 6 (5 + BY 2), 7 (4 + BY 2), 8 (BY 1), 9 (7 + BY 4), 10 (13), 11 (2 + BY 2), 12 (13 + 21 + BY 1), 13 (9 + BY 1), 14 (8), 15 (4 + BY 3), 16 (8), 18 (7 + BY 2), 20 (12 + BY 2), 21 (9), 22 (7 + BY 1), 23 (14 + BY 2), 24 (7 + BY 2), 25 (7 + BY 3), 26 (5 + BY 4), 27 (1 + BY 5), 28 (7 + BY 1), 29 (5 + BY 2), 30 (10 + BY 2), 31 (4)

REPTILIAN

WESTERN PAINTED TURTLE: 12-13 (3)

RED-EARED SLIDER: 13 (1), 15 (1)

AMPHIBIAN

BOREAL CHORUS FROG: 29-31

LEPIDOPTERA

PAINTED LADY: 30 (FY 1)

Wolf. Oesterreich