



Two different pairs of Sandhill Cranes were present at the Park this month. The first pair (1 brown & 1 gray) showed up on the 4th at the Pool A wetlands. Stephen Dinsmore let me know of their presence and I rode back to the Park to observe them. On the following day, I spotted them when they circled above Pond E (above left). They ended up along the west edge of the north wetlands, between the NW corner of Pond E and SW corner of Pond D. We don't know when they departed. The second pair (both brown) showed up at the Pool A wetlands on the 18th. They stayed for 4 days. They did move around quite a bit and even flew off to the west to feed in fields with corn stubble. On the 20th, I noticed that they were collecting sticks and stems (above right) and dropping them in one spot. This became the first attempted nesting at the Park. We don't know what caused them to abandon the nest and depart. They were probably a young couple and may have been going through the process. It usually takes 2 to 3 years for a couple to become successful. It's also possible that someone hiked down the slope, got too close, which then caused them to flee. Sandhill Cranes are making a comeback in Iowa, with several areas where they are nesting. The closest to us include at or near Anderson Lake in Hamilton County, at Chichaqua Bottoms Greenbelt in Polk County, and at Brenton Slough in Dallas County.

A total of 129 avian species (plus 3 sp.) was recorded this month, ranking this month as the 2nd highest April among 27 years of records. April 2022 with 138 species remains as the highest April, while April 1998 with only 61 species is the lowest. This total is 45 species more than last month and 16 more than April 2023.

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 Bank Swallow on the 9th may represent a new early extreme Spring record for Story County (old record set on 12 April 2022, also at Ada Hayden HP). Another possible new extreme early Spring record would be the House Wren on the 14th (former record set on 15 April 1985 at Ames). The Lesser Black-backed Gull on the 2nd may be a new county record.

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, t=transition, gos=goslings), color phase (b=blue, w=white), and location (BY=back yard, FY=front yard). The order follows the 64th Supplement (2023) to the American Ornithological Society's *Check-list of North American Birds* and the 23rd Supplement to the 7th Edition (1998).

AVIAN

GREATER WHITE-FRONTED GOOSE: 5 (62)

CANADA GOOSE: 1 (125), 2 (45), 3 (107), 4 (105 + BY 2), 5 (74), 6 (69), 7 (109), 8 (77), 9 (63),

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10 (68), 11 (107), 12 (67), 13 (56), 14 (58), 15 (51), 16-17 (35), 18 (55), 19 (69), 20 (51), 21 (34), 22 (46 + BY 2), 23 (61), 24 (54), 25 (38), 26 (43 + BY 2), 27 (43), 28 (61), 29 (57 + 4 gos), 30 (42)

WOOD DUCK: 1 (12♂ + 3♀ + 6), 2 (1♂ + 1♀), 3 (3♂ + 2♀), 4 (2♂ + 1♀), 5 (7♂ + 3♀), 7 (2♂ + 2♀), 8 (7♂ + 1♀), 9 (3♂ + 3♀), 10 (1♀), 11 (6♂ + 4♀), 14 (2♂ + 1♀), 15 (1♂ + 1♀), 17 (5♂ + 4♀), 18 (3♂), 19-20 (1♂), 21 (4♂ + 1♀), 22 (4♂), 23 (8♂ + 1♀), 24 (2♂ + 2♀), 25 (2♂ + 1♀), 26 (1♂), 27 (2♂ + 1♀), 28 (4♂ + 1♀), 29 (4♂ + 2♀), 30 (3♂ + 2♀)

BLUE-WINGED TEAL: 1 (16♂ + 10♀), 2 (4♂ + 3♀), 3 (11♂ + 6♀), 4 (26♂ + 11♀), 5 (18♂ + 11♀), 6 (14♂ + 4♀), 7 (15♂ + 10♀), 8 (38♂ + 19♀), 9 (35♂ + 22♀), 10 (31♂ + 22♀), 11 (19♂ + 18♀), 12 (29♂ + 27♀), 13 (48♂ + 35♀), 14 (63♂ + 53♀), 15 (51♂ + 47♀), 16 (13♂ + 7♀), 17 (18♂ + 15♀), 18 (62♂ + 37♀), 19 (17♂ + 15♀), 20 (8♂ + 4♀), 21 (17♂ + 12♀), 22 (18♂ + 15♀), 23 (58♂ + 44♀), 24 (20♂ + 17♀), 25 (24♂ + 15♀), 26 (1♂), 27 (9♂ + 8♀), 28 (3♂ + 2♀), 29 (9♂ + 4♀), 30 (4♂ + 1♀)

NORTHERN SHOVELER: 1 (9♂ + 6♀), 3 (9♂ + 5♀), 4 (7♂ + 4♀), 6 (6♂ + 3♀), 7 (8♂ + 4♀), 9 (12♂ + 3♀), 10 (22♂ + 8♀), 11 (3♂ + 1♀), 12 (7♂ + 3♀), 13 (6♂ + 2♀), 14 (14♂ + 4♀), 15 (21♂ + 17♀), 21 (2♂), 23 (6♂ + 4♀), 25 (2♂ + 1♀), 30 (1♂ + 1♀)

GADWALL: 1 (21♂ + 15♀), 3 (5), 4 (3♂ + 1♀), 9 (4♂ + 3♀), 11 (1♂), 14 (1♂ + 1♀), 20 (1♂ + 1♀), 23 (21♂ + 20♀)

AMERICAN WIGEON: 1 (5♂ + 3♀), 2 (2♂ + 2♀), 3-4 (1♂ + 1♀), 5 (2♂ + 2♀), 6 (1♂ + 1♀), 8 (2♂ + 2♀), 14 (1♂ + 1♀)

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

NORTHERN PINTAIL: 3 (2♂), 9 (1♂)

GREEN-WINGED TEAL: 1 (10♂ + 7♀), 2 (6♂ + 2♀), 3 (12♂ + 7♀), 4 (10♂ + 7♀), 5 (5♂ + 6♀), 6 (3♂ + 2♀), 7 (1♂), 9 (4♂ + 3♀), 10 (4♂ + 2♀), 12 (2♂ + 2♀), 13 (1♂), 14 (1♂ + 1♀), 15 (2♂ + 2♀), 18 (1♂), 23 (3♂ + 1♀)

REDHEAD: 24 (1♂ + 1♀)

RING-NECKED DUCK: 1 (1♂ + 1♀), 4 (5♂ + 3♀), 5 (5♂ + 2♀), 10 (4♂ + 1♀)

LESSER SCAUP: 6 (1♂ + 1♀), 7 (13♂ + 8♀), 11 (2♂), 12-13 (1♂), 14 (2♂ + 2♀), 15 (2♂ + 1♀), 18 (1♂ + 1♀), 23 (3♀)

BUFFLEHEAD: 1 (1♀), 3 (1♂), 4 (5♂ + 3♀), 5 (7♂ + 2♀ + 10), 7 (2♀), 11 (1♂ + 1♀), 14 (1♀)

COMMON GOLDENEYE: 18-21 (1♂)

HOODED MERGANSER: 16 (1♀), 23 (2♂ + 3♀), 24 (3♀)

RED-BREASTED MERGANSER: 17 (4♀)

RUDDY DUCK: 6 (2♂ + 1♀), 7 (9♂ + 8♀), 9 (10♂ + 7♀), 10 (1♀), 14 (9♂ + 3♀), 15 (2♂ + 2♀), 16 (1♂ + 3♀), 24 (8♂ + 3♀)

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Duck sp.: 2 (7), 3 (4), 6 (2), 7 (3), 10-11 (2), 14 (20), 16 (7), 23 (2), 25 (2)

RING-NECKED PHEASANT: 1 (2), 2 (1), 4 (3), 5 (1), 7 (1), 8-9 (4), 10 (2), 11 (1), 12-15 (3), 16 (2), 17-18 (4), 19 (3), 20 (4), 21 (3), 22 (2), 23 (4), 24 (2), 25 (3♂ + 1♀), 27 (4), 28 (2), 29 (4), 30 (2)

PIED-BILLED GREBE: 1-2 (7), 3 (1), 4 (9), 5 (8), 6 (2), 7 (27), 8 (11), 9 (3), 10 (1), 11 (4), 12 (6), 13 (5), 14 (11), 15 (18), 16 (2), 17 (1), 18 (3), 19-21 (2), 22 (4), 23 (3), 24 (8), 26 (2), 27 (3), 29 (5), 30 (2)

HORNED GREBE: 7 (2 bp + 1 t), 16 (1 bp), 19-21 (1 bp)

EURASIAN COLLARED-DOVE: 1 (1), 10 (2), 13-14 (1), 16-22 (1), 27-28 (1)

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

SORA: 20 (1), 23-24 (1), 27-29 (1), 30 (2)

AMERICAN COOT: 1 (29), 7 (24), 9 (5), 10 (7), 11 (30), 12 (7), 13 (31), 14 (20), 15 (9), 16 (2), 17 (1), 18 (8), 19-21 (1), 23 (6), 24 (2), 25-26 (1), 28 (1), 29-30 (2)

SANDHILL CRANE: 4-5 (2), 18 (2), 19 (5), 20-21 (2)

KILLDEER: 5-6 (2), 7-8 (1), 9 (3), 10 (5), 11 (2), 12 (5), 13 (4), 14 (5), 15 (8), 18 (1), 19 (2), 20-21 (1), 22 (2), 24-25 (2)

BAIRD'S SANDPIPER: 15 (1)

PECTORAL SANDPIPER: 10 (6), 12 (2), 13 (7), 15 (9), 20 (2)

LONG-BILLED DOWITCHER: 15 (1), 23 (21)

AMERICAN WOODCOCK: 1 (1), 7 (1)

WILSON'S SNIPER: 7 (4), 13 (1), 14 (2), 21 (1), 25 (1)

SPOTTED SANDPIPER: 14 (1), 23 (2), 28 (1), 30 (1)

SOLITARY SANDPIPER: 15 (1), 19 (1), 26 (1), 29 (1)

Sandpiper sp.: 23 (69+)

LESSER YELLOWLEGS: 6 (2), 8 (1), 9 (11), 10 (16), 11 (11), 12-13 (16), 14 (47), 15 (42), 19 (1), 22 (1), 23 (30), 24 (4), 25 (2), 29 (7)

WILLET: 25 (10)

GREATER YELLOWLEGS: 4 (3), 9 (2), 12 (2), 14 (6), 15 (4), 19 (3), 20 (8), 23 (11)

BONAPARTE'S GULL: 22 (1), 24 (1)

FRANKLIN'S GULL: 14 (65+), 20 (20)

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RING-BILLED GULL: 1 (1), 3 (4), 5 (15), 6 (2), 7 (16), 11 (1), 13 (4), 14 (5), 21-22 (1), 23 (11), 29 (3)

LESSER BLACK-BACKED GULL: 2 (1)

FORSTER'S TERN: 27 (3), 29 (1)

COMMON LOON: 1 (11), 2 (3), 3 (5), 4 (7), 5 (4), 6-7 (2), 12 (1 nb), 14 (2 bp + 1), 16 (1 bp)

DOUBLE-CRESTED CORMORANT: 3 (1), 5 (4), 6 (47), 7 (18), 8 (167), 9 (95), 10 (29), 12 (1), 13 (4), 14 (7), 20 (1), 21 (120), 23 (2), 25 (26), 27 (15)

AMERICAN WHITE PELICAN: 30 (115)

AMERICAN BITTERN: 15 (1)

GREAT BLUE HERON: 1 (3), 3 (3), 4 (4), 5 (2), 6 (1), 7 (2), 8 (1), 9 (2), 11 (1), 13 (1), 16 (1), 18 (1), 20 (2), 21 (4), 22 (2), 24 (1), 27 (4), 28 (3), 30 (3)

GREAT EGRET: 15 (4), 18 (3), 19 (4), 20 (3), 21 (2), 24 (3), 27 (3)

GREEN HERON: 28 (1)

TURKEY VULTURE: 3 (36), 4 (19 + BY 2), 5 (15), 6 (5), 7 (7 + BY 2), 8 (5), 9 (7), 10 (9 + BY 4), 11 (11 + BY 4), 12 (12), 13 (8), 14 (BY 1), 15 (13), 16 (2), 17 (19), 18 (6), 19 (1), 20-21 (2), 22 (5), 23 (10), 24 (1), 25 (6), 26 (1), 27 (5), 28-29 (6), 30 (7)

OSPREY: 5 (3), 7 (1), 8-9 (2), 10 (4 + BY 4), 11-13 (2), 14 (1), 15 (3), 16 (1), 17 (2), 19-20 (1), 21-22 (2), 25-27 (2), 28-29 (1)

SHARP-SHINNED HAWK: 16 (1), 20 (1), 25 (1), 30 (1)

COOPER'S HAWK: 2 (1 + BY 1), 4 (1 + BY 2), 7 (2), 8 (2 + BY 2), 10 (1), 11 (2), 13 (1), 15 (BY 1), 22-23 (1 ad), 24 (1 ad + BY 1 ad), 25-29 (1 ad), 30 (2 ad)

BALD EAGLE: 1 (2 ad + 1 im + BY 1 ad), 2-3 (2 ad), 4 (6 ad), 5 (3 ad), 6-7 (2 ad), 8 (1 ad), 9 (2 ad + 1 im), 10 (2 ad), 11-12 (1 ad), 13 (2 ad), 15 (3 ad + 1 im), 19 (2 ad), 20 (1 ad), 21 (1 im), 22 (1 ad + 1 im), 23-25 (1 ad), 26-27 (2 ad), 28 (1 ad + 1 im), 29-30 (1 ad)

RED-SHOULDERED HAWK: 19 (1)

BROAD-WINGED HAWK: 15 (34+), 16 (3), 29 (1)

RED-TAILED HAWK: 5 (1), 9-10 (1), 16-17 (2), 19 (1), 22 (1), 23-24 (2), 26 (1), 29 (2), 30 (1)

BARRED OWL: 9 (BY 1), 11 (BY 1), 15 (BY 1), 17 (1), 18 (BY 1), 25 (BY 2)

BELTED KINGFISHER: 8 (1), 10 (2), 14 (2), 26-27 (1), 29 (1)

RED-BELLIED WOODPECKER: 1 (4), 3-4 (2), 5 (3), 6 (1), 7-8 (2), 9 (4), 10 (1), 11-12 (2), 13 (3), 14 (1), 15 (2), 16 (1), 18-19 (1), 20-21 (2), 22-23 (1), 24 (2), 25 (1), 27-28 (1), 29 (2), 30 (2 + BY 1)

YELLOW-BELLIED SAPSUCKER: 8 (2), 9 (1♂)

DOWNY WOODPECKER: 1 (4), 2 (1), 3 (3), 4 (7), 5-6 (2), 7 (5 + BY 1♂), 8 (6), 9 (5), 10 (4 + BY 1♀),

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11 (2), 12 (5), 13 (3), 15 (1), 16-17 (2), 18 (1 + BY 1♀), 19-21 (2), 22 (3), 24 (1), 25 (2), 26-27 (1), 28-29 (2), 30 (3)

HAIRY WOODPECKER: 22 (BY 1♂)

NORTHERN FLICKER (Yellow-shafted): 1 (10), 2 (3), 3 (7), 4 (11), 5 (7), 6 (3), 7 (8), 8 (13), 9 (10), 10-11 (9), 12-13 (4), 14 (7), 15 (3), 17 (2), 18 (4), 19 (3), 20 (1), 21 (3), 22 (2), 23-24 (1), 26 (1), 27 (3), 29 (2), 30 (4)

AMERICAN KESTREL: 1 (1♂), 4 (1♂ + 1♀), 5 (1♀), 9 (1♂), 12-13 (1♂), 24 (1♀)

EASTERN KINGBIRD: 27 (1)

EASTERN PHOEBE: 1 (3), 2 (1), 3 (3), 4 (1), 6-10 (1), 13 (1), 20 (1)

BLUE-HEADED VIREO: 30 (1)

WARBLING VIREO: 25 (2), 29 (1), 30 (5)

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

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

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

BANK SWALLOW: 9 (1), 20 (1), 22-23 (1)

TREE SWALLOW: 4 (15), 5 (8), 6 (19), 7 (6 + BY 2), 8 (96), 9 (106), 10 (52), 11 (51), 12 (43), 13 (66), 14 (74), 15 (32 + BY 1), 16 (21), 17 (25), 18 (18), 19 (78), 20 (17), 21 (34), 22 (67), 23 (78), 24 (69), 25 (63), 26 (19), 27 (51), 28 (86), 29 (29), 30 (70)

NORTHERN ROUGH-WINGED SWALLOW: 8 (1), 10 (1), 13 (1), 15 (1), 17 (1), 19 (2), 22 (4), 24 (1), 26-27 (1), 30 (1)

PURPLE MARTIN: 3 (4), 4 (3), 5 (6), 6 (5), 7 (3), 8 (10), 9 (7), 10 (10), 11 (1), 12 (6), 13 (9), 14 (10), 15 (16), 16 (10), 17-18 (3), 19 (8), 20 (5), 21 (11), 22 (6), 23 (12), 24 (14), 25-26 (7), 27 (14), 28 (21), 29 (12), 30 (20)

BARN SWALLOW: 9 (1), 15 (1), 17 (2), 18 (6), 19 (3), 20-21 (1), 22 (2), 23 (3), 24 (5), 25 (4), 26 (18), 27-28 (3), 29 (6), 30 (4)

CLIFF SWALLOW: 29 (1)

Swallow sp.: 16 (3)

RUBY-CROWNED KINGLET: 7 (2), 8-10 (1), 13 (4), 18 (BY 1), 19 (2), 20 (1), 21 (3), 22 (2), 23 (5), 24 (3), 25 (1), 26 (2), 28 (1), 30 (2)

GOLDEN-CROWNED KINGLET: 4 (3), 6 (2)

CEDAR WAXWING: 30 (3)

WHITE-BREASTED NUTHATCH: 1 (2), 4 (3 + BY 1), 5 (1), 6 (3), 8 (2), 9-10 (1), 13-14 (2), 15-16 (1), 18-19 (1), 20 (2), 21 (1), 22 (2), 23 (1), 24 (2), 27 (1), 29 (1), 30 (2)

BROWN CREEPER: 6-7 (1)

CAROLINA WREN: 20 (1)

HOUSE WREN: 14 (1), 19 (1), 21-22 (1), 24-25 (1), 27 (4), 28 (6 + BY 1), 29 (5), 30 (6 + BY 1)

SEDGE WREN: 24 (3), 27 (1)

MARSH WREN: 27-30 (1)

GRAY CATBIRD: 30 (1)

BROWN THRASHER: 7 (1), 14 (2), 15 (3), 16 (2), 17 (1), 18 (BY 1), 19 (3), 21 (2), 22 (1), 23 (2), 24 (3), 25 (2), 26 (3 + BY 1), 27 (4), 28 (3), 29 (2 + BY 1), 30 (4 + BY 1)

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

EASTERN BLUEBIRD: 1 (3♂ + 2♀), 3 (1♀), 4-5 (2♂ + 1♀), 6 (1), 7 (1♂), 8 (3♂ + 2♀), 9 (1♀ + 2), 10 (2♂ + 1♀), 11 (1♀), 12 (2♂ + 1♀), 13 (1♂ + 1♀), 14 (3♂ + 1♀), 15 (5♂ + 3♀), 16 (1♂ + 2♀), 19-20 (2♂ + 1♀), 21 (1♂ + 1♀), 22 (2♂ + 1♀), 23 (2♂), 24 (2♂ + 1♀), 25 (2♂), 26 (1♂ + 1♀), 27 (2♂), 28 (2♂ + 1♀), 29-30 (1♂ + 1♀)

HERMIT THRUSH: 6-7 (1), 9 (1), 11 (1), 18 (BY 1), 21 (1), 30 (1)

AMERICAN ROBIN: 1 (72 + BY 1), 2 (52 + BY 1), 3 (83 + BY 1), 4 (46), 5 (64 + BY 2), 6 (56 + BY 2), 7 (44 + BY 2), 8 (74 + BY 2), 9 (61 + BY 1), 10 (70 + BY 2), 11 (64 + BY 4), 12 (64 + BY 2), 13 (54 + BY 3), 14 (62 + BY 3), 15 (52 + BY 2), 16 (38 + BY 3), 17 (40 + BY 3), 18 (63 + BY 1), 19 (51 + BY 2), 20 (62 + BY 2), 21 (70 + BY 3), 22 (50 + BY 1), 23 (56 + BY 2), 24 (50 + BY 2), 25 (47 + BY 3), 26 (46 + BY 2), 27 (33 + BY 2), 28 (50 + BY 1), 29 (59 + BY 1), 30 (47 + BY 1)

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

EURASIAN TREE SPARROW: 11 (1)

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

PURPLE FINCH: 1 (1♂), 14 (BY 1♀)

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PINE SISKIN: 4 (1)

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

CHIPPING SPARROW: 10 (1), 17 (5), 22 (1), 23 (3), 25 (1)

CLAY-COLORED SPARROW: 29 (6), 30 (2)

FIELD SPARROW: 7 (1), 8 (2), 16 (1), 17 (2), 18 (3), 19-20 (2), 21 (1)

FOX SPARROW: 1 (2 + BY 2), 2 (1 + BY 2), 3-4 (BY 2), 5 (BY 3), 6 (BY 2), 7 (4 + BY 3), 8 (2), 9 (BY 1), 10 (BY 2), 12 (BY 1), 13 (BY 2)

AMERICAN TREE SPARROW: 1 (31), 2 (17), 3 (21), 4 (3), 5 (14), 6 (1), 7-8 (4), 9-10 (2), 11 (4), 12 (6), 13 (2), 16-18 (1)

DARK-EYED JUNCO (Slate-colored): 1 (31 + BY 10), 2 (31 + BY 11), 3 (3 + BY 12), 4 (18 + BY 9), 5 (20 + BY 8), 6 (1 + BY 2), 7 (25 + BY 3), 8 (9 + BY 3), 9 (BY 5), 10 (1 + BY 1), 11 (BY 1), 12 (1 + BY 2), 13 (BY 1), 22 (1), 27-28 (BY 1)

WHITE-CROWNED SPARROW: 15-16 (1), 27-28 (1), 30 (3 + BY 6)

HARRIS'S SPARROW: 2-3 (BY 1), 6 (BY 1), 7 (BY 2), 14 (BY 1), 16 (BY 2), 18-19 (BY 2), 20-21 (BY 1), 24 (BY 1), 25 (BY 2), 26 (1 + BY 3), 27 (BY 2), 28 (1 + BY 3), 29 (2 + BY 1), 30 (BY 4)

WHITE-THROATED SPARROW: 14-15 (2), 16 (3 + BY 1), 17 (4), 18 (2 + BY 3), 19 (3 + BY 2), 20 (1 + BY 2), 21 (BY 2), 22 (3 + BY 3), 24 (2 + BY 8), 25 (BY 5), 26 (BY 3), 27 (11 + BY 2), 28 (3 + BY 1), 29 (11 + BY 3), 30 (9 + BY 5)

VESPER SPARROW: 7-8 (1)

SAVANNAH SPARROW: 23 (6), 24 (5)

SONG SPARROW: 1 (43), 2 (14 + BY 1), 3 (12 + BY 1), 4 (27), 5 (34 + BY 1), 6 (19), 7 (48), 8 (39), 9 (58), 10 (33), 11 (29), 12 (42 + BY 1), 13 (29 + BY 1), 14 (31), 15 (20), 16 (11), 17 (19), 18 (12), 19 (21), 20 (19), 21 (19 + BY 1), 22 (17), 23 (21), 24 (30), 25 (18 + BY 1), 26 (15), 27 (13), 28 (16), 29 (28), 30 (22)

LINCOLN'S SPARROW: 14 (3), 18 (1 + BY 2), 19 (4 + BY 2), 20 (5 + BY 1), 21 (2 + BY 1), 22 (3 + BY 1), 23 (4 + BY 1), 24 (3 + BY 1), 27 (5 + BY 1), 30 (2)

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

EASTERN TOWHEE: 7 (1♂), 17 (1♂), 18 (1♂ + BY 1♂)

YELLOW-HEADED BLACKBIRD: 19 (2♂)

EASTERN MEADOWLARK: 1 (1), 5 (1), 7-10 (1), 12-13 (1), 14 (2), 17 (1), 19 (1), 21-22 (1), 27 (2), 28-30 (1)

BALTIMORE ORIOLE: 30 (7)

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RED-WINGED BLACKBIRD: 1 (94 + BY 3♂), 2 (23 + BY 2♂), 3 (41), 4 (106), 5 (114 + BY 1), 6 (69 + BY 3), 7 (113 + BY 3), 8 (100 + BY 2), 9 (107 + BY 2), 10 (117 + BY 2), 11 (107 + BY 3), 12 (79 + BY 3), 13 (72 + BY 3), 14 (82 + BY 3), 15 (113), 16 (40 + BY 1), 17 (70), 18 (46 + BY 2), 19 (63 + BY 5), 20 (84 + BY 1), 21 (67 + BY 2), 22 (84 + BY 2), 23 (99 + BY 4), 24 (60 + BY 5), 25 (73 + BY 2), 26 (36 + BY 1), 27 (88 + BY 4), 28 (88 + BY 2), 29 (59 + BY 1), 30 (47 + BY 1)

BROWN-HEADED COWBIRD: 1 (15♂ + 1♀), 2 (4♂), 3 (2♂), 4 (15♂), 5 (20♂ + 1♀), 6 (11♂ + 4♀ + BY 1♀), 7 (14♂ + 2♀), 8 (26♂ + 5♀), 9 (17♂ + 8♀), 10 (27♂ + 14♀), 11 (23♂ + 5♀), 12 (32♂ + 7♀), 13 (15♂ + 5♀), 14 (17♂ + 9♀ + BY 1♂), 15 (15♂ + 7♀), 16 (7♂ + 2♀ + BY 2♂ + 1♀), 17 (26♂ + 3♀), 18 (10♂ + 3♀), 19 (35♂ + 14♀), 20 (47♂ + 9♀), 21 (22♂ + 18♀), 22 (14♂ + 7♀), 23 (26♂ + 15♀), 24 (31♂ + 17♀), 25 (25♂ + 14♀), 26 (7♂ + 2♀ + BY 1♂), 27 (30♂ + 13♀), 28 (22♂ + 10♀), 29 (14♂ + 7♀), 30 (23♂ + 9♀)

RUSTY BLACKBIRD: 8 (1), 14 (3)

COMMON GRACKLE: 1 (170 + BY 23), 2 (30 + BY 6), 3 (113 + BY 12), 4 (193 + BY 22), 5 (100 + BY 12), 6 (97 + BY 20), 7 (185 + BY 52), 8 (169 + BY 4), 9 (83 + BY 10), 10 (107 + BY 8), 11 (124 + BY 5), 12 (104 + BY 19), 13 (157 + BY 6), 14 (66 + BY 5), 15 (106 + BY 4), 16 (43 + BY 11), 17 (50 + BY 3), 18 (42 + BY 6), 19 (59 + BY 2), 20 (31 + BY 4), 21 (46 + BY 7), 22 (47 + BY 18), 23 (42 + BY 6), 24 (45 + BY 5), 25 (48 + BY 3), 26 (61 + BY 2), 27 (67 + BY 4), 28 (65 + BY 4), 29 (54 + BY 3), 30 (64 + BY 2)

OVENBIRD: 27 (1)

ORANGE-CROWNED WARBLER: 20 (1), 27 (1), 29-30 (1)

NASHVILLE WARBLER: 30 (1)

COMMON YELLOWTHROAT: 30 (2)

PALM WARBLER: 21 (1), 23 (1), 26 (2), 28 (1), 29 (3)

YELLOW-RUMPED WARBLER (Myrtle): 8 (1), 14 (2), 15-16 (3), 18 (6), 19 (4), 20 (1), 23-24 (1), 25 (4), 26 (2), 27 (1), 30 (3)

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

ROSE-BREASTED GROSBEAK: 28 (BY 1♂), 30 (2♂ + BY 1♂)

MAMMALIAN

EASTERN COTTONTAIL: 1-30

EASTERN CHIPMUNK: 1 (BY 1), 3 (BY 1), 5 (BY 1), 8 (1 + BY 1), 9 (BY 2), 10 (BY 1), 14-16 (BY 1), 21 (BY 1), 26 (BY 1), 30 (BY 1)

WOODCHUCK: 13 (BY 1)

THIRTEEN-LINED GROUND SQUIRREL: 4 (1), 7 (1), 9 (3), 12 (2), 13 (1), 15 (2), 18 (1), 24 (2)

EASTERN FOX SQUIRREL: 1-30

AMERICAN BEAVER: 1 (1), 5 (1), 10 (1), 13 (2), 16 (1)

COMMON MUSKRAT: 21 (1), 23 (1)

COYOTE: 1 (BY 1)

NORTHERN RACCOON: 1-5 (BY 1), 23 (1), 24 (BY 1)

NORTHERN RIVER OTTER: 23-25 (1), 27 (1)

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

REPTILIAN

DEKAY'S BROWN SNAKE: 11 (1), 16 (1), 25 (1)

PLAINS GARTER SNAKE: 15 (6), 22-23 (1), 25 (1)

Garter Snake sp.: 11-12 (1), 14 (1)

SNAPPING TURTLE: 16 (2)

WESTERN PAINTED TURTLE: 5 (1), 9 (3), 10 (14), 11 (13), 12 (2), 13 (9), 14 (37), 15 (18), 16 (46), 19 (2), 23 (51+), 25 (7), 27 (25), 28 (5), 30 (18)

RED-EARED SLIDER: 12 (1), 13-15 (2), 19 (1), 24 (1), 25 (2), 28 (1), 30 (2)

SPINY SOFTSHELL TURTLE: 24 (1)

AMPHIBIAN

AMERICAN TOAD: 16 (1), 24, 27-30

BOREAL CHORUS FROG: 1, 3-19, 21-25, 27-30

NORTHERN LEOPARD FROG: 8-9 (1), 10, 12, 14-15, 16 (1), 27-30

AMERICAN BULLFROG: 11 (1), 16 (1), 27-28 (1), 30 (2)

LEPIDOPTERA

BLACK SWALLOWTAIL: 10 (1), 15 (2), 27 (1)

EASTERN TIGER SWALLOWTAIL: 30 (1)

CABBAGE WHITE: 10 (1 + BY 1), 11-15 (1), 16 (2), 23 (3), 24 (1 + FY 1), 27 (BY 1), 30 (1)

ORANGE SULPHUR: 14-15 (1), 21 (BY 2), 23 (3), 25 (1), 27 (2)

Sulphur sp.: 9 (BY 1), 10 (3), 12 (3), 14 (3+), 15 (4), 16 (1), 19 (2), 23-24 (3), 25 (2), 27 (2)

GRAY HAIRSTREAK: 24 (1)

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PAINTED LADY: 9-10 (1), 14 (3), 24 (1), 30 (2)

RED ADMIRAL: 8 (by 1), 9 (4), 10 (2 + BY 1), 11 (1), 12 (1 + BY 1), 13 (1), 14 (9+), 15 (6+), 16 (4), 18 (2), 22 (2 + BY 1), 23 (2), 24 (3 + BY 1), 25 (1), 30 (2)

COMMON BUCKEYE: 10 (1)

ODONATA

COMMON GREEN DARNER: 9 (2), 10 (7+), 11 (2), 12 (1), 13 (2), 14 (12 + BY 1), 15 (2), 23 (1), 30 (1)

VARIEGATED MEADOWHAWK: 10 (1), 14 (1)

Wolf. Oesterreich