## Christmas Bird Counts 2009-2010

By Ned Keller

8098 Turcotte Lane
North Bend, OH 45052
keller@one.net

We managed to conduct only 65
Christmas Counts this year-fewer than were held the last few years, because extreme weather forced the cancellation of several counts. We still managed to find 157 species, about average for recent years. Somewhat unusually, no additional count week species were reported. In the race for the most species, Toledo led the pack once again, with 95 species. The only other count in the 90s was Wooster, with exactly 90; Millersburg had 87, Western Hamilton County had 86, and Ragersville had 85.

Fully 21 species were found in only one count circle: a Ross's Goose in Tiffin; a Blue-winged Teal in Elyria-Lorain (plus another countweek bird in Hamilton-Fairfield); two Northern Bobwhites in Western Hamilton County; a highly unusual record of American White Pelican in Hamilton-Fairfield; a Golden Eagle in Grand Rapids-Waterville; a Spotted Sandpiper in Brown Family Environmental Center; a Purple Sandpiper and a Dunlin in Lake Erie Islands; a Thayer's Gull, two Iceland Gulls, and three Glaucous Gulls at Grand Rapids-Waterville (another count week Glaucous was
at Toledo); a Loggerhead Shrike at Adams County; a White-eyed Vireo at Clark County; a Cape May Warbler at Ragersville; a Vesper Sparrow at Toledo; a Lark Sparrow and a Harris's Sparrow at Western Hamilton County; a Yellowheaded Blackbird at Ottawa National Wildlife Refuge; two Brewer's Blackbirds at Adams County; two White-winged Crossbills at Hocking Hills; and two Evening Grosbeaks at Preble County. At the other end of the spectrum, 15 species were found in all 65 circles: Mallard, Cooper's Hawk, Red-tailed Hawk, Red-bellied Woodpecker, Downy Woodpecker, Blue Jay, American Crow, White-breasted Nuthatch, European Starling, American Tree Sparrow, Dark-eyed Junco, Northern Cardinal, House Finch, American Goldfinch and House Sparrow.

As always, the results printed here are as reported-no attempt has been made to check them for accuracy.


White-breasted Nuthatch, photographed by Dave Lewis at Rocky River Reservation, Cuyahoga, on 21 Feb.

The Ohio Cardinal, Fall 2009 \& Winter 2009-2010

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greater White-fronted Goose | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Snow Goose | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8 | --- |
| Ross's Goose | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cackling Goose | --- | --- | --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | --- |
| Canada Goose | 936 | 617 | 676 | 1106 | 42 | 244 | 2861 | 739 | 29 | 1314 | 313 | 664 | 244 |
| Mute Swan | --- | 3 | --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | --- |
| Trumpeter Swan | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14 |
| Tundra Swan | --- | cw | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| swan sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Wood Duck | 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gadwall | --- | --- | --- | 3 | 8 | --- | 3 | --- | --- | --- | 5 | 12 | 2 |
| American Wigeon | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3 | --- | --- |
| American Black Duck | 61 | 25 | 74 | 31 | --- | --- | 1 | 3 | --- | --- | --- | 16 | 3 |
| Mallard | 65 | 354 | 69 | 331 | 2 | 402 | 311 | 201 | 4 | 404 | 91 | 194 | 37 |
| Blue-winged Teal | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Northern Shoveler | --- | --- | --- | --- | --- | --- | --- | 11 | --- | --- | --- | --- | --- |
| Northern Pintail | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | 1 | 36 |
| Green-winged Teal | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15 | --- |
| Canvasback | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | 2 | --- |
| Redhead | --- | --- | 25 | --- | --- | --- | 2 | --- | --- | 3 | --- | 46 | 4 |
| Ring-necked Duck | 9 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | 3 | 212 | 85 |
| Greater Scaup | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Lesser Scaup | 18 | --- | 12 | --- | --- | --- | --- | --- | --- | --- | 2 | 21 | --- |
| scaup sp. | --- | --- | 40 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Surf Scoter | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| White-winged Scoter | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Black Scoter | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Long-tailed Duck | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bufflehead | 11 | 1 | 13 | --- | --- | --- | 8 | --- | --- | --- | --- | 7 | --- |
| Common Goldeneye | --- | --- | 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Hooded Merganser | 13 | 3 | 2 | 5 | --- | --- | 5 | --- | --- | --- | --- | 7 | --- |
| Common Merganser | --- | --- | 695 | --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- |
| Red-breasted Merganser | --- | --- | 399 | --- | --- | cw | 4 | --- | --- | --- | --- | --- | --- |
| merganser sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ruddy Duck | 1 | --- | 1 | 2 | --- | --- | 6 | --- | --- | --- | --- | 184 | --- |
| duck sp. | --- | --- | 85 | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- |
| Ring-necked Pheasant | --- | --- | --- | 1 | --- | 1 | 1 | --- | 7 | --- | --- | 2 | --- |
| Ruffed Grouse | 1 | --- | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Wild Turkey | 164 | 38 | 43 | 75 | 34 | cw | 53 | --- | 22 | 59 | 70 | 24 | 2 |
| Northern Bobwhite | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Common Loon | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9 | --- |
| Pied-billed Grebe | 1 | --- | --- | --- | --- | --- | 4 | --- | --- | --- | --- | 6 | --- |
| Horned Grebe | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | 2 | --- |
| American White Pelican | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Double-crested Cormorant | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Great Blue Heron | 8 | 14 | --- | 4 | 1 | --- | 11 | 12 | 2 | 3 | 1 | 7 | 1 |
| Black-crowned Night-Heron | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Black Vulture | 60 | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | 18 | --- |
| Turkey Vulture | 61 | --- | --- | --- | 4 | --- | 3 | --- | --- | --- | --- | 10 | --- |
| Bald Eagle | 2 | 5 | 4 | 5 | --- | 2 | 9 | --- | 5 | 1 | --- | 2 | --- |
| Northern Harrier | 7 | 1 | --- | 3 | 4 | 1 | 3 | --- | 2 | --- | 3 | 2 | 10 |
| Sharp-shinned Hawk | 4 | --- | 1 | --- | --- | --- | 2 | --- | 1 | --- | 1 | --- | 4 |
| Cooper's Hawk | 5 | 4 | 7 | 13 | 1 | 3 | 6 | 4 | 4 | 3 | 3 | 3 | 2 |
| Northern Goshawk | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Accipiter sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Red-shouldered Hawk | 10 | 4 | 3 | 10 | 9 | --- | 4 | 1 | 2 | 19 | --- | 25 | 3 |
| Red-tailed Hawk | 43 | 25 | 14 | 14 | 26 | 8 | 30 | 17 | 13 | 12 | 34 | 42 | 25 |
| Rough-legged Hawk | --- | 1 | --- | --- | --- | --- | 3 | --- | 1 | 2 | 2 | --- | 11 |
| Buteo sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Golden Eagle | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| American Kestrel | 30 | 12 | 1 | 14 | 25 | 13 | 10 | 8 | 5 | 3 | 7 | 5 | 7 |
| Merlin | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Peregrine Falcon | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| hawk sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| American Coot | --- | --- | 2 | 12 | --- | --- | 25 | 1 | --- | --- | 6 | 158 | --- |
| Sandhill Crane | --- | --- | --- | --- | --- | 10 | --- | --- | --- | --- | --- | 758 | --- |
| Killdeer | 25 | 3 | --- | --- | 32 | --- | 6 | --- | --- | --- | --- | 15 | --- |
| Spotted Sandpiper | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- |
| Least Sandpiper | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | -- | --- | --- |

The Ohio Cardinal, Fall 2009 \& Winter 2009-2010

|  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Fremont } \\ & \text { 12/20/2009 (8) } \end{aligned}$ | $\begin{aligned} & \text { E } \\ & \frac{0}{0} 8 \\ & 0 \\ & 0 \\ & 3 \\ & \hline \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| --- | --- | --- | --- | --- | --- | --- | 2 | --- | -- | -- | -- | -- | --- | --- | --- | --- |
| 3 | 1 | --- | --- | 2 | --- | --- | --- | 7 | 4 | 1 | --- | --- | --- | 2 | --- | cw |
| --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 950 | 2000 | 2050 | 3270 | 5775 | 2614 | 2731 | 1678 | 1775 | 2009 | 4953 | 27 | 2726 | 3622 | 763 | 2131 | 1978 |
| 8 | 4 | --- | 7 | 12 | --- | --- | --- | --- | 4 | --- | --- | --- | cw | --- | 10 | cw |
| --- | --- | --- | --- | --- | --- | 2 | --- | --- | --- | 48 | --- | --- | --- | --- | 36 | --- |
| --- | --- | --- | --- | 17 | --- | --- | --- | 2 | 105 | --- | --- | --- | cw | --- | --- | cw |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2 | --- | --- |
| --- | --- | --- | 4 | 1 | --- | 5 | --- | 1 | --- | --- | --- | --- | 1 | 2 | --- | 3 |
| cW | 18 | 9 | 9 | 9 | 4 | --- | --- | 2 | 4 | 1 | --- | --- | 2 | --- | 141 | 2 |
| --- | 2 | -- | 5 | 1 | --- | --- | --- | --- | 5 | --- | --- | --- | --- | --- | 26 | cw |
| 4 | 120 | 38 | 450 | 44 | 25 | 9 | 47 | 5 | 35 | 182 | --- | --- | 29 | --- | 70 | 9 |
| 303 | 1200 | 660 | 1941 | 1722 | 541 | 776 | 603 | 360 | 1412 | 1520 | 14 | 432 | 887 | 92 | 1401 | 933 |
| --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | cw |
| 2 | --- | 1 | 1 | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | 45 | cw |
| --- | 1 | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | cw |
| --- | --- | --- | --- | --- | --- | --- | 5 | --- | --- | --- | --- | --- | cw | -- | --- | cw |
| 5 | --- | --- | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | --- | cw | --- | --- | cw |
| 12 | --- | 4 | 1 | 6 | --- | --- | 9 | --- | 34 | --- | --- | --- | --- | --- | --- | cw |
| 2 | --- | 2 | 93 | 67 | --- | --- | --- | 3 | -- | --- | --- | --- | --- | --- | --- | 17 |
| --- | --- | --- | --- | --- | --- | --- | 25 | --- | --- | --- | --- | --- | cw | --- | 4 | --- |
| 6 | 1 | 1 | --- | 5 | 1 | --- | 12 | 12 | 6 | --- | --- | --- | --- | --- | 12 | cw |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | 1 | --- | --- | --- | --- | --- | 50 | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | -- |
| 26 | --- | 10 | 1 | 3 | 7 | --- | 7 | 1 | 4 | --- | --- | --- | 2 | --- | 50 | cw |
| cw | 1 | 70 | 1 | --- | 7 | --- | --- | 3 | --- | --- | --- | --- | 1 | --- | 2232 | cw |
| 16 | 70 | 2 | 127 | 29 | 60 | 3 | 6 | 12 | 1 | --- | --- | 1 | cW | --- | 1 | 9 |
| --- | --- | 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7 | --- | 2031 | --- |
| -- | --- | 6500 | 1 | --- | --- | --- | --- | 5715 | 32 | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 83 | 5 | --- | 1 | 14 | --- | --- | --- | 16 | 15 | --- | --- | 2 | 1 | --- | 8 | cw |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 27 | -- | --- | 4500 | --- |
| --- | -- | --- | --- | --- | --- | 4 | --- | --- | --- | --- | -- | --- | 3 | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- |
| 48 | --- | 20 | 33 | 25 | --- | 54 | --- | 8 | --- | --- | 14 | --- | 4 | 10 | --- | 2 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | 1 | 1 | --- | --- | 1 | -- | --- | --- | --- | -- | --- | 1 | -- |
| 16 | 7 | 1 | 13 | 3 | 1 | --- | 3 | 2 | 1 | --- | --- | --- | 2 | --- | --- | 8 |
| 2 | --- | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | -- | --- | --- | -- | 1 |
| --- | --- | --- | 1 | --- | --- | --- | --- | 2 | 1 | --- | -- | 1 | --- | --- | 7 | --- |
| 46 | 21 | 6 | 51 | 25 | 46 | 27 | 1 | --- | 17 | 32 | 1 | 13 | 5 | 2 | 92 | 20 |
| --- | --- | --- | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 64 | --- |
| 24 | --- | --- | --- | --- | --- | --- | 61 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 41 | --- | --- | --- | --- | --- | --- | 23 | --- | --- | --- | --- | --- | -- | --- | --- | --- |
| 3 | 1 | 3 | 4 | 5 | --- | 1 | 4 | 3 | 6 | 45 | --- | 3 | 14 | --- | 80 | 1 |
| 1 | --- | --- | 1 | 2 | 3 | 3 | 4 | 1 | 2 | 3 | --- | --- | 3 | 1 | 3 | 1 |
| 13 | 1 | 1 | 3 | 6 | 4 | 1 | 1 | 2 | --- | --- | --- | 1 | 6 | --- | 1 | 2 |
| 17 | 2 | 8 | 15 | 29 | 11 | 14 | 7 | 6 | 3 | 14 | 2 | 1 | 17 | 8 | 4 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| 2 | --- | --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- |
| 19 | --- | 2 | 2 | 27 | 2 | --- | 23 | 2 | cW | --- | --- | --- | 13 | 1 | --- | 2 |
| 96 | 10 | 16 | 37 | 124 | 34 | 55 | 24 | 11 | 15 | 66 | 9 | 16 | 72 | 21 | 44 | 19 |
| --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | 1 | --- | --- | --- |
| 15 | --- | --- | 2 | 3 | 8 | 20 | 30 | 10 | 2 | 18 | 7 | 19 | 5 | 9 | 4 | 9 |
| --- | --- | 2 | 2 | 3 | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- |
| --- | --- | --- | --- | --- | --- | --- | -- | --- | -- | --- | --- | 1 | --- | --- | --- | --- |
| 450 | 19 | 13 | 1 | 48 | 9 | --- | 21 | 5 | 1 | --- | --- | --- | 7 | 1 | 3 | cw |
| --- | --- | --- | --- | --- | --- | --- | 27 | --- | --- | --- | 52 | --- | 11 | --- | --- | cw |
| 1 | 5 | --- | --- | 8 | 2 | 12 | 1 | --- | --- | 2 | -- | --- | 4 | --- | --- | 9 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 |


|  |  |  |  |  |  |  |  | $\qquad$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greater White-fronted Goose | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Snow Goose | 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3 | --- | --- |
| Ross's Goose | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cackling Goose | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2 | --- | --- |
| Canada Goose | 253 | 2147 | 1390 | 2547 | 1119 | 421 | 1264 | 449 | 1312 | 1035 | 4325 | 1449 | 221 |
| Mute Swan | 8 | --- | 1 | --- | --- | --- | --- | 4 | 1 | 2 | --- | --- | --- |
| Trumpeter Swan | --- | --- | --- | 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tundra Swan | --- | --- | --- | 53 | --- | 302 | 1 | --- | --- | --- | 15 | --- | --- |
| swan sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Wood Duck | --- | --- | --- | 2 | --- | --- | 3 | --- | 1 | --- | --- | --- | --- |
| Gadwall | 28 | 3 | --- | --- | --- | 93 | --- | --- | 3 | --- | 1 | --- | --- |
| American Wigeon | 1 | 2 | --- | 6 | --- | 2 | --- | --- | --- | --- | cw | --- | --- |
| American Black Duck | 4 | 90 | 4 | 58 | 2 | 316 | 23 | 1 | 6 | 32 | 79 | 4 | --- |
| Mallard | 252 | 728 | 411 | 1099 | 50 | 1895 | 801 | 121 | 201 | 397 | 638 | 212 | 1 |
| Blue-winged Teal | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Northern Shoveler | --- | 3 | --- | --- | --- | 1 | 4 | --- | --- | --- | --- | --- | --- |
| Northern Pintail | --- | 5 | --- | 8 | --- | 5 | 2 | --- | --- | --- | 1 | --- | --- |
| Green-winged Teal | --- | 2 | --- | --- | --- | --- | --- | --- | --- | 4 | --- | --- | --- |
| Canvasback | --- | cw | --- | --- | --- | 77 | --- | --- | 2 | 10 | --- | --- | --- |
| Redhead | --- | cw | --- | --- | --- | 12 | 1 | --- | 18 | 18 | --- | --- | --- |
| Ring-necked Duck | --- | cW | --- | --- | --- | 1 | 1 | 12 | 19 | 3 | cw | --- | --- |
| Greater Scaup | --- | --- | --- | --- | --- | 180 | --- | --- | --- | 50 | --- | --- | --- |
| Lesser Scaup | --- | 5 | --- | --- | --- | 839 | --- | --- | cw | 72 | --- | --- | --- |
| scaup sp. | --- | --- | --- | --- | --- | 1571 | 90 | --- | --- | --- | --- | --- | --- |
| Surf Scoter | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- |
| White-winged Scoter | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- | --- | --- |
| Black Scoter | --- | --- | --- | --- | --- | 5 | 1 | --- | --- | --- | --- | --- | --- |
| Long-tailed Duck | --- | --- | --- | --- | --- | 5 | --- | --- | --- | --- | --- | --- | --- |
| Bufflehead | --- | 3 | --- | --- | --- | 3217 | 62 | --- | cw | 10 | --- | 1 | --- |
| Common Goldeneye | --- | 6 | --- | --- | --- | 3255 | 352 | --- | cw | 25 | --- | --- | --- |
| Hooded Merganser | 11 | 153 | --- | --- | --- | 9 | 9 | --- | 9 | 17 | --- | --- | --- |
| Common Merganser | --- | --- | 2 | --- | --- | 859 | --- | --- | --- | 2 | --- | --- | --- |
| Red-breasted Merganser | --- | --- | --- | --- | --- | 7092 | 35677 | --- | --- | 465 | --- | --- | --- |
| merganser sp. | --- | --- | --- | --- | --- | 982 | --- | --- | --- | --- | --- | --- | --- |
| Ruddy Duck | 3 | 303 | --- | --- | --- | 1 | 2 | 11 | 2 | 31 | --- | --- | --- |
| duck sp. | --- | --- | 40 | --- | --- | 726 | --- | 3 | 57 | --- | --- | --- | --- |
| Ring-necked Pheasant | 1 | --- | --- | --- | 1 | 6 | --- | 1 | 3 | --- | 3 | --- | --- |
| Ruffed Grouse | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Wild Turkey | 102 | 9 | --- | --- | 4 | 150 | 7 | --- | 379 | 16 | 219 | 72 | 35 |
| Northern Bobwhite | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Common Loon | --- | 4 | --- | --- | --- | 1 | 1 | --- | --- | 1 | --- | --- | --- |
| Pied-billed Grebe | --- | 2 | --- | --- | 2 | --- | --- | --- | cw | --- | --- | --- | --- |
| Horned Grebe | --- | 2 | --- | --- | --- | 3 | --- | --- | --- | --- | cw | --- | --- |
| American White Pelican | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Double-crested Cormorant | --- | cw | --- | --- | --- | 5 | 3 | --- | --- | 1 | 1 | --- | --- |
| Great Blue Heron | 2 | 13 | 1 | 2 | --- | 2 | 5 | 5 | 8 | 4 | 20 | 10 | --- |
| Black-crowned Night-Heron | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Black Vulture | 37 | --- | --- | --- | --- | --- | --- | 55 | --- | --- | 99 | --- | --- |
| Turkey Vulture | 16 | --- | --- | --- | 16 | --- | --- | 24 | --- | --- | 313 | --- | --- |
| Bald Eagle | 5 | 5 | 1 | 15 | 1 | 7 | 2 | --- | cw | 2 | cw | 10 | --- |
| Northern Harrier | --- | 1 | 4 | 22 | 25 | --- | --- | 2 | --- | --- | 11 | 1 | --- |
| Sharp-shinned Hawk | --- | 1 | --- | --- | 1 | 3 | 1 | 4 | 2 | --- | 6 | --- | --- |
| Cooper's Hawk | 4 | 15 | 5 | 5 | 3 | 3 | 11 | 3 | 16 | 8 | 30 | 6 | 3 |
| Northern Goshawk | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Accipiter sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- |
| Red-shouldered Hawk | 6 | 1 | --- | 1 | 1 | --- | 3 | 2 | 6 | 8 | 3 | 7 | --- |
| Red-tailed Hawk | 20 | 25 | 33 | 30 | 47 | 4 | 37 | 45 | 41 | 26 | 166 | 74 | 3 |
| Rough-legged Hawk | --- | --- | --- | 1 | 1 | --- | --- | --- | 2 | --- | 21 | 13 | --- |
| Buteo sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Golden Eagle | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| American Kestrel | 2 | 7 | 39 | 20 | 16 | --- | 2 | 11 | 7 | 2 | 32 | 10 | 3 |
| Merlin | --- | --- | --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | --- |
| Peregrine Falcon | --- | --- | --- | --- | 1 | --- | 3 | --- | --- | --- | --- | --- | --- |
| hawk sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| American Coot | 19 | --- | 2 | --- | --- | 1 | --- | 4 | 88 | 3 | 2 | --- | --- |
| Sandhill Crane | --- | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Killdeer | --- | 2 | --- | --- | --- | 7 | --- | --- | cw | --- | 10 | 5 | --- |
| Spotted Sandpiper | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Least Sandpiper | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- |

The Ohio Cardinal, Fall 2009 \& Winter 2009-2010

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| --- | --- | --- | 2 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | 2 | 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | 1 | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | 1 | --- |
| 50 | 1567 | 1969 | 4788 | 827 | 284 | 2449 | 490 | 63 | 196 | 4660 | 1778 | 1994 | 778 | 1428 | 3057 | 5620 |
| 2 | --- | --- | 5 | --- | --- | --- | --- | --- | --- | 23 | --- | --- | --- | -- | --- | --- |
| --- | --- | --- | 47 | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | 3 | --- |
| --- | --- | 8 | 636 | --- | 2 | --- | --- | --- | --- | 11 | 5 | --- | 6 | 4 | 20 | 31 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | -- | --- | --- |
| --- | --- | 2 | --- | --- | --- | --- | --- | --- | --- | 1 | --- | -- | --- | 1 | 3 | --- |
| --- | 68 | --- | 2 | -- | 13 | --- | --- | --- | --- | 12 | --- | --- | --- | -- | --- | --- |
| --- | 2 | --- | 3 | 4 | --- | --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | --- |
| --- | 123 | 29 | 20 | 25 | 14 | 4 | 2 | 15 | --- | 280 | 5 | 6 | --- | --- | 341 | 2 |
| 8 | 2059 | 307 | 144 | 1181 | 69 | 400 | 126 | 279 | 90 | 1040 | 239 | 536 | 41 | 115 | 1786 | 475 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | 3 | --- | --- | 6 | --- | --- | --- | --- | --- | 38 | --- | --- | --- | --- | --- | --- |
| --- | 2 | 1 | --- | 1 | --- | --- | --- | --- | --- | 7 | --- | 1 | --- | --- | 1 | --- |
| --- | --- | --- | --- | --- | --- | cw | --- | --- | --- | 2 | --- | --- | --- | --- | --- | --- |
| --- | 1 | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31 | --- |
| --- | 2 | 18 | --- | --- | 1 | --- | --- | --- | -- | --- | --- | --- | --- | --- | 6 | 4 |
| --- | --- | 80 | 1 | 1 | 2 | 15 | --- | --- | --- | 2 | --- | --- | --- | --- | 3 | -- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1151 | --- |
| --- | --- | 1 | 2 | 1 | --- | --- | --- | --- | --- | 9 | --- | --- | --- | --- | 3356 | --- |
| --- | --- | --- | --- | --- | --- | 5 | --- | --- | --- | --- | --- | --- | --- | --- | 2000 | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | -- | --- | --- | -- | -- | --- | --- | --- | --- | 1 | --- |
| --- | --- | --- | 1 | --- | 20 | 5 | --- | --- | 2 | 3 | --- | --- | --- | --- | 51 | 16 |
| --- | --- | 8 | 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 256 | 50 |
| --- | 30 | 1 | 1 | --- | 31 | 5 | --- | 9 | 4 | 70 | --- | --- | 2 | --- | 28 | 65 |
| --- | --- | --- | 36 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | -- | 4060 | --- |
| --- | 1 | --- | 1 | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | - | 128 | --- |
| --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | cw | --- | --- | 37 | 2 | --- | --- | 5 | 33 | --- | --- | --- | --- | 27 | 10 |
| --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | 305 | --- | --- | --- | --- | --- |
| --- | --- | 1 | 1 | --- | --- | --- | --- | -- | --- | --- | --- | 4 | --- | 1 | 1 | cw |
| --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | 1 | --- | --- | --- | --- | --- |
| 32 | 53 | --- | --- | 3 | 8 | 41 | --- | 63 | --- | 7 | 187 | --- | --- | 2 | --- | 115 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- |
| --- | 14 | 1 | --- | --- | 43 | 1 | --- | --- | --- | 3 | --- | --- | --- | --- | 7 | -- |
| --- | --- | --- | --- | --- | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- |
| --- | 54 | 26 | 17 | 14 | 27 | 3 | cw | 7 | 4 | 5 | 6 | 2 | 1 | 1 | 132 | 2 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29 | --- |
| --- | --- | --- | --- | 39 | 56 | --- | --- | --- | --- | --- | 32 | --- | --- | --- | --- | -- |
| --- | 11 | 1 | --- | 15 | 1 | --- | --- | --- | --- | --- | 40 | --- | --- | --- | --- | --- |
| --- | 1 | 6 | 27 | --- | 7 | 3 | cw | 8 | --- | 3 | 2 | 3 | 1 | 7 | 68 | 15 |
| 1 | 1 | 8 | 4 | --- | 36 | 2 | 1 | 3 | --- | --- | 23 | 10 | 2 | 3 | 4 | 2 |
| 1 | --- | 1 | 3 | 1 | --- | 3 | 2 | 1 | 1 | 3 | 10 | 2 | 3 | 3 | 4 | 2 |
| 3 | 7 | 12 | 8 | 7 | 6 | 6 | 1 | 5 | 1 | 8 | 36 | 12 | 6 | 8 | 31 | 4 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | 1 | 1 | --- | --- | -- | 1 | --- |
| 11 | 2 | 4 | --- | --- | 7 | 5 | --- | 2 | --- | 5 | 2 | 1 | 2 | --- | --- | 12 |
| 11 | 34 | 87 | 51 | 17 | 47 | 15 | 11 | 37 | 16 | 23 | 243 | 47 | 43 | 24 | 67 | 38 |
| --- | --- | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | 24 | --- | 1 | --- | --- | 1 |
| --- | -- | -- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 15 | 25 | 16 | 8 | 24 | 7 | 6 | 10 | 13 | 5 | 56 | 10 | 9 | 19 | 34 | 13 |
| --- | --- | cw | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2 | --- |
| --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | 3 | - |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3 | --- | --- | --- | --- | --- | --- |
| --- | 44 | --- | --- | 5 | 1340 | --- | --- | --- | --- | 2 | --- | --- | - | --- | 12 | 7 |
| --- | 99 | cW | --- | --- | --- | --- | --- | cW | cW | --- | --- | --- | --- | --- | --- | --- |
| --- | 31 | --- | --- | 4 | 5 | --- | --- | 9 | -- | --- | 7 | --- | --- | - | 4 | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |


|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greater White-fronted Goose | --- | --- | --- | --- | --- | 5 | 3 | 3 |
| Snow Goose | 398 | --- | --- | 1 | --- | 461 | 16 | 17 |
| Ross's Goose | --- | --- | --- | --- | --- | 1 | 1 | 1 |
| Cackling Goose | --- | 1 | --- | 3 | --- | 15 | 8 | 8 |
| Canada Goose | --- | 1690 | 2089 | 3054 | 192 | 107792 | 64 | 64 |
| Mute Swan | --- | 7 | --- | 3 | --- | 106 | 18 | 20 |
| Trumpeter Swan | --- | --- | --- | --- | --- | 160 | 8 | 8 |
| Tundra Swan | 12 | --- | --- | 30 | --- | 1272 | 19 | 22 |
| swan sp. | --- | --- | --- | --- | --- | 2 | 1 | 1 |
| Wood Duck | --- | --- | --- | 1 | --- | 40 | 16 | 16 |
| Gadwall | cW | 64 | --- | 35 | --- | 556 | 28 | 30 |
| American Wigeon | --- | --- | --- | --- | --- | 64 | 14 | 16 |
| American Black Duck | 5 | 25 | 1 | 176 | 2 | 2975 | 52 | 52 |
| Mallard | 99 | 614 | 460 | 772 | 267 | 35175 | 65 | 65 |
| Blue-winged Teal | --- | --- | --- | --- | --- | 1 | 1 | 2 |
| Northern Shoveler | --- | 1 | --- | 2 | --- | 119 | 14 | 15 |
| Northern Pintail | cw | 1 | --- | 1 | --- | 75 | 17 | 19 |
| Green-winged Teal | --- | 24 | --- | 8 | --- | 60 | 7 | 10 |
| Canvasback | 2 | --- | --- | --- | --- | 136 | 12 | 15 |
| Redhead | 6 | --- | --- | 1 | --- | 233 | 22 | 24 |
| Ring-necked Duck | 20 | 73 | --- | 1 | --- | 728 | 26 | 28 |
| Greater Scaup | --- | --- | --- | --- | --- | 1410 | 5 | 6 |
| Lesser Scaup | 10 | --- | --- | --- | --- | 4404 | 22 | 24 |
| scaup sp. | --- | --- | --- | --- | --- | 3707 | 6 | 6 |
| Surf Scoter | --- | --- | --- | --- | --- | 3 | 3 | 3 |
| White-winged Scoter | --- | --- | --- | --- | --- | 53 | 4 | 4 |
| Black Scoter | --- | --- | --- | --- | --- | 6 | 2 | 2 |
| Long-tailed Duck | --- | --- | --- | --- | --- | 6 | 2 | 2 |
| Bufflehead | 2 | 1 | --- | --- | --- | 3545 | 29 | 31 |
| Common Goldeneye | --- | --- | --- | 1 | --- | 6300 | 17 | 20 |
| Hooded Merganser | cw | --- | --- | 2 | 18 | 846 | 38 | 40 |
| Common Merganser | --- | --- | --- | --- | --- | 7705 | 11 | 11 |
| Red-breasted Merganser | cw | --- | --- | --- | --- | 56015 | 12 | 14 |
| merganser sp. | --- | --- | --- | --- | --- | 982 | 1 | 1 |
| Ruddy Duck | 10 | --- | --- | 1 | --- | 817 | 29 | 31 |
| duck sp. | --- | --- | --- | --- | --- | 5743 | 8 | 8 |
| Ring-necked Pheasant | 2 | --- | --- | 1 | 1 | 46 | 21 | 22 |
| Ruffed Grouse | --- | --- | --- | --- | --- | 5 | 4 | 4 |
| Wild Turkey | --- | 24 | 16 | 104 | 29 | 2479 | 45 | 46 |
| Northern Bobwhite | --- | 2 | --- | --- | --- | 2 | 1 | 1 |
| Common Loon | --- | --- | --- | --- | --- | 23 | 12 | 12 |
| Pied-billed Grebe | 1 | 11 | --- | 1 | --- | 154 | 25 | 26 |
| Horned Grebe | --- | --- | --- | --- | --- | 15 | 7 | 8 |
| American White Pelican | --- | --- | --- | --- | --- | , | 1 | 1 |
| Double-crested Cormorant | --- | 1 | --- | --- | --- | 24 | 11 | 12 |
| Great Blue Heron | --- | 33 | 8 | 20 | 3 | 906 | 57 | 58 |
| Black-crowned Night-Heron | --- | --- | --- | --- | --- | 105 | 3 | 3 |
| Black Vulture | --- | 19 | cw | --- | --- | 501 | 12 | 13 |
| Turkey Vulture | --- | 13 | 11 | --- | --- | 603 | 17 | 17 |
| Bald Eagle | 2 | 1 | 2 | 4 | 2 | 418 | 50 | 53 |
| Northern Harrier | 6 | 10 | 4 | 5 | --- | 255 | 48 | 48 |
| Sharp-shinned Hawk | 2 | 9 | 3 | 4 | --- | 131 | 45 | 45 |
| Cooper's Hawk | 4 | 24 | 23 | 9 | 4 | 560 | 65 | 65 |
| Northern Goshawk | --- | --- | --- | --- | --- | 2 | 2 | 2 |
| Accipiter sp. | --- | 1 | --- | --- | --- | 11 | 9 | 9 |
| Red-shouldered Hawk | 1 | 23 | --- | 2 | --- | 300 | 45 | 46 |
| Red-tailed Hawk | 22 | 60 | 157 | 86 | 7 | 2666 | 65 | 65 |
| Rough-legged Hawk | --- | --- | 8 | 1 | --- | 97 | 19 | 19 |
| Buteo sp. | --- | --- | --- | --- | --- | , | 2 | 2 |
| Golden Eagle | --- | --- | --- | --- | --- | 1 | 1 | 1 |
| American Kestrel | 14 | 17 | 67 | 19 | 3 | 845 | 62 | 62 |
| Merlin | --- | 3 | --- | --- | --- | 17 | 9 | 10 |
| Peregrine Falcon | --- | --- | --- | --- | --- | 14 | 8 | 8 |
| hawk sp. | --- | --- | 3 | --- | --- | 7 | 3 | 3 |
| American Coot | 120 | 5 | --- | --- | --- | 2436 | 33 | 34 |
| Sandhill Crane | --- | 11 | cW | 3 | --- | 974 | 9 | 14 |
| Killdeer | --- | 15 | 21 | 17 | --- | 262 | 27 | 28 |
| Spotted Sandpiper | --- | --- | --- | --- | --- | 1 | 1 | 1 |
| Least Sandpiper | --- | --- | --- | 3 | --- | 7 | 3 | 3 |



|  |  |  |  |  |  |  |  |  |  |  |  | $\frac{\stackrel{\rightharpoonup}{\bar{N}}}{\frac{10}{\pi}}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | $\begin{array}{r} \text { N } \\ \text { N } \\ \text { 은 } \\ \text { 읃 } \\ \hline \end{array}$ | $\begin{array}{r} \text { N } \\ \stackrel{\text { N }}{2} \\ \stackrel{N}{N} \\ 0 \\ 0 \end{array}$ |  |  |
| Vesper Sparrow | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Lark Sparrow | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Savannah Sparrow | --- | --- | --- | --- | 9 | --- | --- | --- | --- | --- | --- | --- | --- |
| Fox Sparrow | 2 | -- | --- | --- | --- | --- | -- | --- | $\cdots$ | --- | --- | 4 | --- |
| Song Sparrow | 123 | 87 | 4 | 51 | 179 | 1 | 26 | 58 | 19 | 8 | 32 | 125 | 48 |
| Lincoln's Sparrow | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Swamp Sparrow | 37 | 4 | --- | 1 | 9 | --- | --- | 2 | --- | --- | --- | 15 | --- |
| White-throated Sparrow | 61 | 26 | 1 | 16 | 57 | cw | 18 | 23 | 8 | 6 | 13 | 170 | 12 |
| Harris's Sparrow | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| White-crowned Sparrow | 342 | 25 | --- | 11 | 53 | --- | 3 | 6 | 7 | 1 | 2 | 142 | 14 |
| sparrow sp. | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- |
| Dark-eyed Junco | 378 | 318 | 111 | 490 | 179 | 52 | 228 | 111 | 136 | 220 | 187 | 223 | 83 |
| Dark-eyed (Oregon) Junco | --- | --- | --- | --- | --- | -.- | --- | --- | --- | --- | --- | --- | --- |
| Lapland Longspur | --- | --- | --- | --- | --- | 53 | --- | --- | --- | --- | --- | --- | --- |
| Snow Bunting | --- | --- | 180 | --- | --- | 17 | --- | --- | --- | --- | --- | --- | --- |
| Northern Cardinal | 259 | 365 | 107 | 355 | 216 | 62 | 292 | 166 | 121 | 316 | 120 | 434 | 130 |
| Red-winged Blackbird | 18 | 53 | cw | 65 | 29 | 63 | 25 | --- | --- | --- | 3 | 37 | 8 |
| Eastern Meadowlark | 95 | --- | --- | --- | 3 | -.- | --- | --- | --- | 5 | --- | --- | --- |
| Yellow-headed Blackbird | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Rusty Blackbird | 12 | --- | --- | --- | 14 | cw | --- | 10 | --- | --- | 1 | --- | --- |
| Brewer's Blackbird | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| blackbird sp. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Common Grackle | 3 | 20 | --- | 20 | 30 | cw | 175 | 15 | 8 | --- | --- | 32 | 37 |
| Brown-headed Cowbird | 5 | 7 | --- | 1 | --- | cw | 80 | 64 | 6 | --- | --- | --- | 9 |
| Purple Finch | 34 | --- | 4 | --- | --- | cw | 2 | --- | --- | 2 | cw | 6 | --- |
| House Finch | 38 | 74 | 51 | 79 | 31 | 21 | 93 | 46 | 75 | 102 | 14 | 100 | 5 |
| White-winged Crossbill | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Common Redpoll | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Pine Siskin | --- | --- | --- | --- | --- | --- | 3 | --- | 10 | --- | --- | --- | --- |
| American Goldfinch | 263 | 167 | 39 | 145 | 72 | 61 | 113 | 42 | 61 | 176 | 36 | 185 | 65 |
| Evening Grosbeak | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| House Sparrow | 216 | 592 | 173 | 575 | 74 | 401 | 146 | 965 | 675 | 304 | 20 | 435 | 118 |
| total species | 78 | 63 | 53 | 64 | 55 | 40 | 76 | 54 | 54 | 47 | 49 | 82 | 55 |
| total individuals | 6562 | 6406 | 9844 | 7993 | 4101 | 3254 | 9065 | 6337 | 4151 | 7265 | 1722 | 10098 | 2845 |
| observers | 20 | 16 | 22 | 25 | 14 | 6 | 19 | 23 | 11 | 30 | 13 | 34 | 9 |
| party hours | 69 | 60 | 62 | 76 | 37 | 17 | 51 | 31 | 27 | 48 | 43 | 167 | 40 |


|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vesper Sparrow | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Lark Sparrow | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Savannah Sparrow | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | 12 | --- | --- |
| Fox Sparrow | --- | 1 | --- | --- | --- | --- | 1 | --- | 1 | --- | 1 | --- | --- |
| Song Sparrow | 57 | 36 | 26 | 36 | 38 | 4 | 24 | 37 | 80 | 12 | 1036 | 102 | 18 |
| Lincoln's Sparrow | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Swamp Sparrow | --- | 2 | 10 | 11 | 3 | 3 | --- | 2 | 3 | --- | 21 | 1 | --- |
| White-throated Sparrow | 47 | 148 | 12 | --- | 84 | 40 | 24 | 23 | 5 | 4 | 325 | 62 | --- |
| Harris's Sparrow | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| White-crowned Sparrow | --- | 1 | 5 | 4 | 7 | 5 | --- | 10 | 12 | --- | 419 | 61 | 1 |
| sparrow sp. | --- | --- | 10 | --- | --- | 78 | --- | --- | --- | --- | --- | --- | --- |
| Dark-eyed Junco | 267 | 249 | 71 | 34 | 158 | 50 | 257 | 100 | 405 | 115 | 1227 | 813 | 35 |
| Dark-eyed (Oregon) Junco | --- | --- | --- | --- | --- | --- | --- | --- | --- | --. | --- | --- | --- |
| Lapland Longspur | --- | --- | 4 | 3 | 80 | 1 | --- | --- | --- | --- | 1 | 1 | --- |
| Snow Bunting | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | 9 | --- | --- |
| Northern Cardinal | 244 | 337 | 126 | 59 | 249 | 203 | 187 | 192 | 389 | 146 | 1950 | 438 | 32 |
| Red-winged Blackbird | 14 | 34 | --- | --- | 97 | 41 | 59 | --- | 8 | 2 | 165 | --- | --- |
| Eastern Meadowlark | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | 21 | cw | --- |
| Yellow-headed Blackbird | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | $\cdots$ | --- |
| Rusty Blackbird | --- | --- | --- | --- | --- | --- | --- | 202 | --- | --- | 333 | 7 | --- |
| Brewer's Blackbird | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| blackbird sp. | --- | --- | --- | --- | --- | --- | --- | 15 | --- | --- | 1158 | --- | --- |
| Common Grackle | 371 | --- | 3 | 9 | 701 | 8 | 89 | 482 | 3 | --- | 1685 | 3 | --- |
| Brown-headed Cowbird | 1 | --- | 17 | --- | 14 | 50 | 1 | 209 | 46 | 1 | 98 | 10 | --- |
| Purple Finch | 14 | --- | --- | --- | --- | 2 | 2 | --- | 1 | --- | 1 | 1 | --- |
| House Finch | 27 | 164 | 49 | 15 | 85 | 124 | 148 | 99 | 141 | 32 | 665 | 153 | 7 |
| White-winged Crossbill | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Common Redpoll | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Pine Siskin | --- | 1 | --- | --- | --- | --- | --- | 1 | 2 | --- | 6 | 4 | --- |
| American Goldfinch | 144 | 294 | 61 | 49 | 124 | 56 | 317 | 133 | 323 | 161 | 825 | 275 | 18 |
| Evening Grosbeak | --- | --- | --- | --- | --. | --- | --- | --- | --- | --. | --- | --- | --- |
| House Sparrow | 50 | 604 | 1997 | 180 | 632 | 629 | 530 | 179 | 863 | 202 | 2428 | 875 | 51 |
| total species | 63 | 77 | 50 | 50 | 65 | 82 | 75 | 57 | 68 | 64 | 87 | 63 | 31 |
| total individuals | 3583 | 11209 | 8611 | 7119 | 11198 | 37001 | 75338 | 6107 | 33806 | 10499 | 32093 | 10537 | 1474 |
| observers | 51 | 27 | 14 | 11 | 30 | 18 | 65 | 14 | 20 | 29 | 84 | 34 | 4 |
| party hours | 64 | 79 | 37 | 34 | 56 | 42 | 66 | 63 | 75 | 48 | 278 | 72 | 12 |

The Ohio Cardinal, Fall 2009 \& Winter 2009-2010

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | 3 | 1 | $\cdots$ | --- | 6 | --- | --- | 2 | --- | --- | 1 | 1 | 1 | 2 |
| 554 | 38 | 35 | 112 | 177 | 38 | 106 | 247 | 18 | 20 | 34 | --- | 19 | 70 | 46 | 24 | 116 |
| --- | --- | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | --- | -- | --- | -- | -- | --- | --- | -- | -- | --- | -- |
| 8 | --- | 3 | 3 | 6 | 1 | 94 | 14 | 1 | 1 | 4 | --- | --- | 1 | 2 | 8 | 4 |
| 755 | 112 | 106 | 487 | 191 | 170 | 139 | 388 | 24 | 17 | 36 | --- | --- | 50 | 4 | 35 | 124 |
| --- | -- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- |
| 60 | 1 | --- | 11 | 39 | 1 | 48 | 25 | --- | 7 | 2 | --- | --- | 17 | 2 | 4 | cw |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29 | --- | --- | --- | --- |
| 202 | 13 | 236 | 277 | 645 | 92 | 406 | 280 | 155 | 126 | 385 | 57 | 110 | 712 | 105 | 126 | 77 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23 | 23 | 30 | 299 | 1 | 126 | 15 |
| --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | 83 | 180 | --- | 86 | 3 | 8 | --- |
| 1328 | 212 | 257 | 784 | 1104 | 262 | 571 | 578 | 142 | 65 | 206 | 23 | 92 | 522 | 89 | 198 | 180 |
| 152 | 125 | 30 | 3 | 49 | --- | 130 | 3 | --- | 32 | 19924 | --- | --- | --- | --- | 40 | 158 |
| 26 | --- | --- | --- | --- | --- | 6 | 89 | --- | --- | --- | --- | --- | --- | --- | --- | cw |
| --- | --- | --- | --- | -- | --- | -- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- |
| 1 | --- | --- | --- | 5 | --- | 1 | 13 | --- | 40 | 50 | --- | --- | --- | 1 | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| $\cdots$ | $\cdots$ | --- | 90 | $\cdots$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 60 | 46 | --- | 13 | 12 | --- | 63 | 10 | 6 | 1 | 72183 | --- | --- | --- | 5 | --- | 21 |
| 39 | 1 | --- | 43 | 8 | 2 | 131 | 137 | $\cdots$ | 30 | 367 | --- | 2 | 4 | 4 | 126 | 6 |
| --- | --- | --- | 1 | 20 | --- | 7 | 8 | 1 | --- | 80 | --- | --- | 21 | --- | --- | --- |
| 201 | 20 | 136 | 382 | 514 | 135 | 167 | 32 | 52 | 59 | 163 | 13 | 13 | 291 | 53 | 64 | 107 |
| --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3 | --- | --- | --- |
| --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 592 | 33 | 247 | 543 | 1075 | 242 | 271 | 213 | 138 | 92 | 387 | 23 | 42 | 453 | 53 | 64 | 133 |
| --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 552 | 84 | 519 | 1816 | 2768 | 261 | 1686 | 179 | 395 | 152 | 1648 | 36 | 1338 | 1307 | 858 | 2427 | 109 |
| 83 | 65 | 68 | 80 | 83 | 64 | 72 | 80 | 69 | 66 | 62 | 36 | 43 | 84 | 51 | 71 | 67 |
| 32833 | 37291 | 18809 | 44389 | 32441 | 10772 | 16350 | 17257 | 33007 | 34791 | 111461 | 1745 | 11148 | 28599 | 7689 | 369541 | 17842 |
| 95 | 9 | 34 | 52 | 99 | 37 | 40 | 14 | 23 | 26 | 16 | 5 | 13 | 45 | 16 | 18 | 17 |
| 167 | 19 | 54 | 119 | 212 | 85 | 104 | 40 | 44 | 44 | 42 | 7 | 37 | 97 | 40 | 38 | 46 |
|  |  |  |  |  |  |  | $\begin{aligned} & \text { N} \\ & \text { 둔 } \\ & \text { 응 } \\ & \text { 르N } \\ & \text { N } \end{aligned}$ |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - --- | --- | --- | - --- | --- | - 1 | --- |
| --- | $\cdots$ | --- | --- | --- | --- | --- | --- | --- | --- | - --- | --- | - -- | - .-- | -.- | - --- | - --- |
| --- | 15 | --- | --- | --- | --- | --- | --- | --- | --- | - --- | 16 | --- | - --- | --- | - --- | - --- |
| 1 | 1 | 1 | cw | 1 | 1 | --- | -- | 3 | --- | --- | 6 | --- | --- | --- | - 6 | --- |
| 13 | 583 | 62 | 39 | 39 | 97 | 111 | 8 | 66 | 23 | 51 | 1528 | 32 | 28 | 52 | 252 | 12 |
| --- | --- | --- | --- | --- | --- | -- | -- | -- | --- | --- | 1 | -- | - --- | --- | 3 | - --- |
| --- | 113 | 4 | 5 | --- |  | 4 | , | 2 | --- | 4 | 14 | 2 | 2 | --- | 30 | 4 |
| 11 | 306 | 47 | 5 | 117 | 63 | 132 | 1 | 46 | 41 | 31 | 311 | 4 | 5 | --- | 68 | 2 |
| --- | --- | --- | -- | --. | --- | -- | --- | --- | - | --- | --- | --- | - --- | -- | - --- | --- |
| 1 | 40 | 11 | 2 | 3 | 21 | 8 | 5 | 18 | 7 | 14 | 466 | cw | v 16 | 2 | 272 |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - | --- | - --- | --- |
| 134 | 59 | 341 | 185 | 130 | 134 | 201 | 79 | 106 | 10 | 314 | 1627 | 502 | 255 | 186 | - 296 | - 95 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- | - --- | --- | - --- | - --- |
| --- | --- | 5 | 2 | 8 | --- | --- | 67 | --- | --- | 4 | 1 | 1205 |  | 21 | 23 | --- |
| --- | --- | 2 | 330 | --- | --- | --- | 46 | --- | --- | --- | 1 | 117 | --- | --- | - 318 | 72 |
| 223 | 502 | 368 | 278 | 175 | 164 | 533 | 47 | 139 | 55 | 351 | 2124 | 256 | - 314 | 192 | - 440 | 238 |
| --- | 105 | --- | 11241 | 32 | 126 | --- | --- | 4 | --- | 1 | 671 | 8 | 30 | 35 | -72 | --- |
| 20 | 24 | 4 | --- | --- | 39 | --- | --- | cw | 15 | --- | 26 | 2 | 2 | -- | - --- | - --- |
| --- | $\cdots$ | --- | 1 | --- | --- | --- | --- | --- | --- | - --- | --- |  | - --- | --- | - --- | --- |
| 10 | 14 | --- | --- | 194 | --- | --- | --- | --- | --- | - --- | 13 | --- | 1 | 32 | - 1 | , |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - -- | - --- | --- | - --- | - --- |
| --- | --- | --- | --- | --- | --- | -- | $\cdots$ | - | --- | --- | 10917 | --- | - --- | --- | - --- | - |
| 21 | --- | 2 | 1775 | 37 | 74 | 8 | 25 | 1 | --- | 2 | 4197 | 23 | --- | 341 | -66 | 3 |
| 5 | 40 | --- | 4479 | 864 | 100 | --- | --- | --- | --- | 11 | 155 | 19 | 12 | 1150 | - 73 | - 29 |
| 1 | --- | 5 | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | - --- | 3 | 3 --- | - 4 |
| 24 | 53 | 209 | 70 | 76 | 43 | 90 | 37 | 21 | 19 | 94 | 609 | 135 | 42 | 191 | 185 | 72 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - --- | - --- | --- | 5 | , |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - --- | --- | 5 | 5 --- |
| --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | 2 | 4 | --- | --- | - |  |
| 81 | 365 | 242 | 208 | 142 | 139 | 163 | 95 | 89 | 16 | 159 | 851 | 129 | 55 | 149 | 391 | 140 |
| --- | --- |  |  |  | --- | --- | --- | --- | 2 | --- | --- | --- | --- | -- | - --- | --- |
| 59 | 76 | 1101 | 2178 | 1300 | 247 | 284 | 139 | 88 | 198 | 350 | 1568 | 1253 | 433 | 671 | 1172 | 224 |
| 52 | 77 | 73 | 67 | 66 | 73 | 62 | 50 | 57 | 46 | 73 | 85 | 64 | 50 | 59 | 95 | 58 |
| 1837 | 26621 | 14234 | 37389 | 12680 | 9387 | 7900 | 3189 | 7877 | 2934 | 11277 | 55173 | 16000 | 4706 | 9677 | 75874 | 10619 |
| 5 | 13 | 37 | 27 | 27 | 14 | 23 | 5 | 14 | 54 | 20 | 94 | 19 | - 14 | 11 | 127 | 6 |
| 18 | 41 | 70 | 48 | 36 | 48 | 51 | 18 | 37 | 29 | 63 | 293 | 69 | - 54 | 34 | 45 | -57 |


|  | $\begin{aligned} & \text { O} \\ & \text { 응 } \\ & \text { 응 } \\ & \text { 으N } \\ & { } \mathbf{N} } \end{aligned}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vesper Sparrow | --- | --- | --- | --- | --- | 1 | 1 | 1 |
| Lark Sparrow | --- | 1 | --- | --- | --- | 1 | 1 | 1 |
| Savannah Sparrow | --- | 1 | --- | --- | --- | 61 | 8 | 8 |
| Fox Sparrow | --- | 3 | 1 | 1 | 1 | 57 | 27 | 28 |
| Song Sparrow | 19 | 560 | 589 | 200 | 12 | 8097 | 64 | 64 |
| Lincoln's Sparrow | --- | --- | --- | --- | --- | 4 | 2 | 2 |
| Swamp Sparrow | --- | 32 | 28 | 64 | --- | 582 | 44 | 44 |
| White-throated Sparrow | 4 | 415 | 138 | 69 | 7 | 5646 | 59 | 60 |
| Harris's Sparrow | --- | 1 | --- | --- | --- | 1 | 1 | 1 |
| White-crowned Sparrow | 6 | 16 | 391 | 76 | --- | 2523 | 52 | 54 |
| sparrow sp. | --- | -- | --- | --- | --- | 117 | 3 | 3 |
| Dark-eyed Junco | 257 | 277 | 642 | 420 | 67 | 16918 | 65 | 65 |
| Dark-eyed (Oregon) Junco | --- | --- | --- | --- | --- | 2 | 2 | 2 |
| Lapland Longspur | 3 | --- | 6 | --- | --- | 2005 | 25 | 25 |
| Snow Bunting | --- | --- | cw | --- | --- | 1453 | 16 | 17 |
| Northern Cardinal | 191 | 939 | 1003 | 578 | 76 | 23294 | 65 | 65 |
| Red-winged Blackbird | cw | 99 | 236 | 716 | 20 | 34763 | 43 | 45 |
| Eastern Meadowlark | --- | 38 | 1 | cw | --- | 415 | 17 | 21 |
| Yellow-headed Blackbird | --- | --- | --- | --- | --- | 1 | 1 | 1 |
| Rusty Blackbird | --- | 36 | 29 | 213 | --- | 1233 | 24 | 25 |
| Brewer's Blackbird | --- | --- | --- | --- | --- | 2 | 1 | 1 |
| blackbird sp. | --- | --- | 1087 | --- | --- | 13267 | 5 | 5 |
| Common Grackle | --- | 201 | 11 | 588 | --- | 83489 | 47 | 48 |
| Brown-headed Cowbird | cw | 33 | 354 | 215 | -- | 9058 | 46 | 48 |
| Purple Finch | --- | 13 | --- | --- | 2 | 236 | 25 | 27 |
| House Finch | 76 | 182 | 476 | 148 | 33 | 7725 | 65 | 65 |
| White-winged Crossbill | --- | --- | --- | --- | --- | 2 | 1 | 1 |
| Common Redpoll | --- | --- | --- | --- | --- | 8 | 2 | 2 |
| Pine Siskin | --- | --- | --- | 1 | --- | 37 | 12 | 12 |
| American Goldfinch | 106 | 415 | 672 | 293 | 94 | 13800 | 65 | 65 |
| Evening Grosbeak | --- | --- | --- | --- | --- | 2 | 1 | 1 |
| House Sparrow | 435 | 727 | 1549 | 706 | 227 | 45034 | 65 | 65 |
| total species | 54 | 86 | 71 | 90 | 44 | 157 | --- | --- |
| total individuals | 4753 | 47681 | 26068 | 16727 | 6563 | 1230762 | --- | --- |
| observers | 17 | 45 | 73 | 36 | 6 | 1644 | 65 | --- |
| party hours | 45 | 88 | 152 | 104 | 29 | 3907 | --- | --- |

