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THE WINTER BIRD COUNT FOR 2009-2010

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Overall weather conditions likely contributed to the decrease in both the number of counts and participants from the previous year. Half of the counts reported snow on the ground, five with over six inches. Several counts were cancelled as a result of heavy snowfall. Generally, counts reported less open water throughout the count period, which ran from 12 December 2009 through 10 January 2010. The 43 counts completed was below the 51 averaged for the decade (decade averages unless otherwise noted are since 2000). Derby/Belle Plaine and Fort Riley were two new counts reported this year.

The 476 participants is a decrease from last year (531), it was the third lowest total for the decade and below the average of 543. As usual, Manhattan had the most participants with 53 followed by Lawrence with 28, Wichita with 25, Oskaloosa/Perry with 24, Sawyer with 23, Quivira National Wildlife Refuge (QNWR) with 22, and Hays had 20. Each count averaged 11 participants, though 24 counts (56%) had fewer than 10. Participants totaled 1,667 party hours (38.8 average per count) and 10,513 party miles, an average of 244.5 miles per count (non-owling miles).

A total of 158 species were observed, four below last year, and slightly below the 165 average since 2000. The only count week species not reported on at least one count was the Horned Grebe (Lawrence) and Black-crowned Night-heron (QNWR). Counts averaged 66 species with Udall/Winfield reaching the century mark with 100 species. Several counts were in the 90's, Wichita leading with 97 species followed by Arkansas City with 96, Derby/Belle Plaine and Slate Creek Wetlands each had 94, and Lawrence with 90. Dodge City had the fewest number of species reported with 34.

The number of individuals recorded 3,366,182 (average 78,283/count) is well below the decade average, 7,085,734. Slate Creek Wetlands had the greatest number of individuals with 1,049,017, or 31% of the total for all counts. No other counts reached the million-mark. Other relatively high counts included: 644,155 at QNWR; 529,476 at Liberal/Seward County; 148,341 at Arkansas City; and 136,485 at John Redmond. Seneca had the fewest number of individuals reported with only 526. The most abundant species represented was the Red-winged Blackbird with 1,219,858 individuals (36% of total individuals), followed by 597,988 European Starling, 582,425 blackbird species, 218,652 Canada geese, and 181,481 Snow geese (96 % white).

The highlight species for this year's CBC was the Williamson's Sapsucker found at Wilson

Reservoir. This is only the fourth accepted record for this species in Kansas and it has remained on site at least through February 2010. A Northern Saw-whet Owl at Seneca (responded to recordings); a Western Scrub-Jay at Ulysses; one Bohemian Waxwing (heard only) at Garden City; one Snow Bunting at Blue Rapids; and a Lesser Goldfinch (submitted to KBRC) at Red Hills are also noteworthy due to their rare occurrence in the state.

Other interesting species include: two Barrow's Goldeneye in Wichita; a Northern Goshawk at Webster Reservoir; two Greater Yellowlegs at Wichita; three Eastern Phoebe (two at Derby/Belle Plaine, one at Sawyer); two Rock Wren (one each at Udall/Winfield and Wilson Lake); two Gray Catbird (one each at Cimarron National Grasslands and Manhattan); eight American Pipit (four at SE KS Mine Lands, three at John Redmond, and one at Slate Creek Wetlands); a Pine Warbler at Arkansas City; one Palm Warbler at Sawyer; one Canyon Towhee at Cimarron National Grasslands; one Chipping Sparrow at Udall/Winfield (several seen during count week); four Le Conte's Sparrow (one each at Fort Riley, Lawrence, Slate Creek Wetlands, and Wichita); two White-winged Junco (one each at Slate Creek Wetlands and Wichita); and one Yellow-headed Blackbird at Webster Reservoir. Twelve Brown Thrashers were reported from 11 different counts, including two from Manhattan.

Numbers for species of conservation concern include: five Trumpeter Swans (two each at John Redmond and Parsons, and one at Oskaloosa/Perry); and 447 Greater Prairie-Chickens, the greatest number during the decade (average 190/yr). The high numbers is likely a result of easy observation in snow covered fields this year. This was not the case for Lesser Prairie-Chickens with only four being recorded (average for decade, nine). Seventy-one percent of the Greater Prairie-Chickens were observed within the Smoky Hills, 22% within the Flint Hills, and the remaining 7% were from the Glaciated Region in the northeast and Osage Cuestas in the southeast. The 39 Loggerhead Shrikes were well below the decade average (67), while the 13 Northern Shrikes was near the decade average 11/yr, though below the 22 reported last year. The 36 Black-billed Magpie is well below the decade average of 231 and marks the fourth year in a row with numbers less than 100. Numbers in 2000 and 2001 exceeded 600 individuals and dropped to less than 300 in 2002. The large decreases may warrant the attention of conservationist to ascertain overall population trends in Kansas and within its overall range. There were no Chihuahuan Ravens reported. Scaled Quail were missed this year; the previous low during the decade was six in 2002. The 803 Northern Bobwhite showed a rebound for the second consecutive year, though still below the decade average of 904. The 653 Bald Eagles is above the decade average of 575; 33 Ferruginous Hawks is the second lowest total since 2000 (average 62); only five Golden Eagles were observed compared to 23 last year, and below the decade average of eight. The 2,451 Rusty Blackbirds is the highest count of the decade and is well above the average of 1,015. The Brewer's Blackbird count of 5,057 is below the decade average of 5,819.

The lack of open water reduced waterbird diversity and the overall number of individuals. Scoters, Long-tailed Duck, and the Common Loon were not reported this year. Double-crested Cormorants, waterfowl, rails, and gull numbers were generally reported in much lower numbers. The 8,103 Sandhill Cranes (8,050 at Red Hills and 53 at Quivira National Wildlife Refuge) was above numbers reported last year. Ross's Geese were present in good numbers compared to last year with 3,116. Cackling Geese numbers were high with 22,157 individuals. Twelve American White Pelicans were reported from three counts: nine at John Redmond, two at

Oskaloosa/Perry, and one at El Dorado.

The Red-shouldered Hawk continues to increase with 26 reported (25 last year). Red-tailed Hawk numbers exploded with 3,476, up from last year's 2,376, as was Harlan's Hawk (75 compared to 60). South-central Kansas had the largest concentrations of red-tails, led by Slate Creek Wetlands with 504 (+13 Harlan's), Udall/Winfield with 313 (+9 Harlan's), and Arkansas City with 217 (+7 Harlan's). An additional nine counts reported over 100 red-tails. The 25 Merlin were a decrease from the previous year's 34 and showed a decrease for the second consecutive year. Prairie Falcons also decreased from last year's 71 to 48.

The 4,067 Eurasian Collared-Dove is an all-time high passing the previous record of 3,142 in 2007. The average since the 1997-1998 CBC is 1,115 per/yr, with a decade average of 1,448. Scott Lake had a high of 976 individuals after only recording 208 last year (average 330 for the decade). Western Kansas is still the stronghold as seen by these additional numbers: 544 at Lakin (average 173/yr since 2000); 495 at Garden City (226/yr since 2000); Cimarron National Grasslands with 381 (205/yr since 2000); Ulysses with 294 (162/yr since 2000); followed by Dodge City with 261 (average 41/yr since 2000). Three additional counts recorded over 100 individuals: Clark County (110); Ingalls/Cimarron (155); and Liberal/Seward County (175). Collared-doves are second only to Rock Pigeon (9,240) when it comes to doves during the CBC period. The remaining doves included 1,641 Mourning, 48 White-winged, four Ringed Turtle-Dove (Lakin); and 11 Inca (nine Liberal/Seward County, two Garden City). The White-winged Dove continues to be found in significant numbers since its reappearance in 2005, when the cumulative counts from 2000 to 2004 found only three.

Only 30 *Asio* owls were recorded with five Long-eared and 25 Short-eared, both down from last year. Only 151 Red-headed Woodpeckers were reported, compared to 576 individuals last year, and below the decade average of 251 per/yr.

Both the Black-capped Chickadee and Carolina Chickadee counts were below the decade average. The Black-capped Chickadee count of 1,679 was below the average of 2,435 and the Carolina Chickadee count of 309 was below the average of 519. The Yellow-rumped Warbler bounced back from low counts in 2007 and 2008 with 909 individuals, well above the decade average of 675.

Many of the northern passerines were not reported or numbers were reduced from last year. Crossbills, Evening Grosbeak and the Common Redpoll were not reported. Only 19 Red-breasted Nuthatch were observed, even less than the 30 from last year. Pine Siskins were down with only 89 reported after a decade high of 1,464 last year (average 533/yr). Purple Finch numbers were down for the second year with only 56 observed (average 175/yr).

Carolina, Bewick's, Winter, and Marsh Wrens all showed a decrease from last year's totals, and the House Wren was not reported, nor expected. Thrushes showed a similar trend with Mountain Bluebird, Eastern Bluebird, Townsend's Solitaire, Hermit Thrush, and American Robin all decreasing from last year.

Sparrows also showed an overall decrease, with the exception of Lapland Longspur which increased from last year's 51,484 to 81,406, likely a result of the snowy conditions pushing birds closer to the roadsides. The 12 Eastern Towhees were the same as reported last year. Savannah Sparrow's continue to be relatively common with 238 observed, though fewer than the 292 observed last year. The Harris's Sparrow had its lowest count in nine years with 9,043, which is below the 11,355 decade average.

The 7,328 Great-tailed Grackles was a high number, above the decade average of 6,137, though it showed an up and down pattern all decade.

Each year National Audubon Society publishes a summary of the highest counts for individual species in the U.S. For the 109th CBC, only 21 counts were submitted to Audubon (less than half conducted). Quivira National Wildlife Refuge had high counts for Greater White-fronted Goose (82,390), Snow Goose (white, 111,000), and Snow Goose (blue, 29,300). Cimarron National Grassland had the high count for Lesser Prairie-Chicken (13). Oskaloosa-Perry had a high of 40 Franklin's Gull, demonstrating how rare the species actually is in the U.S. during winter. Scott Lake had a high for Ringed Turtle-Dove (four) as did Linn County for Red-headed Woodpecker (404). As usual, Udall/Winfield had the high for Harris's Sparrow (2,285). The Blue Grosbeak in Wichita was one of four reported, the others from Arizona, Texas, and Florida (Ortego, B. 2009. Summary of Highest Counts of Individuals for the United States. In The 109th Christmas Bird Count, American Birds 63:123-128).

Alma/Lake Wabaunsee. 38°56'N 96°17'W. Center as described in 1995. 29 December 2009; 7:25 a.m. to 5:20 p.m.; 15°F to 24°F. Wind ESE-SE 2-12 mph. Snow 5 inches. Still water partly open, moving water partly open; a.m. cloudy, p.m. cloudy. One observer in 1 party. Total party-hours 10 (3.5 on foot, 6.5 by car). Total party-miles 101.8 (7 on foot, 94.8 by car). Total 54 species; 10,932 individuals.

Dan LaShelle (compiler-238 SW Gage Blvd, Apt 1208, Topeka, KS 66606-2059).

Arkansas City. 37°02'N 97°02'W. Center as described in 1978. 26 December 2009; 8:00 a.m. to 5:30 p.m.; 20°F to 31°F. Wind NW 5-10 mph. Snow 5 inches. Still water partly open, moving water partly open; a.m. cloudy, p.m. partly cloudy. Six observers in 3 parties. Total party-hours 27.5 (5.5 on foot, 22 by car), plus 2 hours owling. Total party-miles 273.6 (5.6 on foot, 268 by car), plus 28.6 miles owling. Total 96 species; 148,341 individuals.

Wallace Champeny, Nathan Ofsthun, Shawn Silliman, Eddie Stegall, Savilla Stegall, Eugene A. Young (compiler-1707 N 7th St., Arkansas City, KS 67005).

Benedictine Bottoms. 39°36'N 95°08'W. Center at intersection of Kansas Highway 7 and 310 Road, Atchison County, Kansas. 10 January 2010; 7:45 a.m. to 5:00 p.m.; -5°F to 28°F. Wind SE-SW 0-22 mph. Snow 6-10 inches. Still water frozen, moving water partly open; a.m. clear, p.m. partly cloudy. Two observers in 2 parties. Total party-hours 17 (1.5 on foot, 15.5 by car). Total party-miles 162 (2 on foot, 162 by car). Total 44 species; 2,374 individuals.

John Bollin (compiler-17063 Logan Road, Leavenworth, KS 66048), Dan LaShelle.

Blue Rapids. 39°41'N 96°38'W. Center as described in 2000. 2 January 2010; 7:30 a.m. to 4:00 p.m.; -6°F to 1°F. Wind N 2 mph. Snow 2-30 inches. Still water frozen, moving water partly open; a.m. cloudy, p.m. cloudy, light snow. Seven observers in 4 parties, plus 5 at feeders. Total party-hours 23 (1 on foot, 22 by car), plus 11 hours at feeders, 2 hours owling. Total party-miles 145 (1 on foot, 144 by car), plus 19 miles owling. Total 44 species; 3,883 individuals.

Doris Burnett, Warren Buss, Jack Haller, Maxine Haller, Chod Hedinger, Carol Hoogheem, Irwin Hoogheem, Tom Parker (compiler-811 Gypsum St., Blue Rapids, KS 66411), Jeanette Pralle, Gwen Turner, Beth Warders, Gary Warders.

Bonner Springs/Lansing. 39°10'N 94°54'W. Center as described in 1995. 29 December 2009; 7:30 a.m. to 5:00 p.m.; 11°F to 24°F. Wind S 0-10mph. Snow 8 inches. Still water partly open, moving water partly open; a.m. cloudy, p.m. cloudy. Three observers in 3 parties, plus one at feeders. Total party-hours 15.5 (1 on foot, 14.5 by car), plus 1.5 hours at feeders and

1 hour owling. Total party-miles 152 (1 on foot, 151 by car), plus 10 miles owling. Total 60 species; 42,830 individuals.

John Bolin, Galen Pittman (compiler-12042 258th St., Lawrence, KS 66044), John Schukman.

Cheyenne Bottoms. 38°26'N 98°41'W. Center as described in 1977. 17 December 2009; 7:00 a.m. to 5:00 p.m.; 23°F to 40°F. Wind N 3 mph. Snow 3 inches. Still frozen, moving water frozen; a.m. clear, p.m. cloudy. Fifteen observers in 6 parties. Total party-hours 41 (1 on foot, 40 by car). Total party-miles 378 (3 on foot, 375 by car). Total 69 species; 28,254 individuals.

Ken Brunson, Alex Galt, Karl Grover, Justin Hamilton, Larry Hessed, Barry Jones, Dan Larson, Pam Martin, Robert Penner (compiler-The Nature Conservancy, 593 NE 130 Ave., Ellinwood, KS 67526), Jennifer Rader, Mike Rader, Keith Reif, Gene Schneweis, Kim Schneweis, Curtis Wolf.

Cimarron National Grasslands. 37°07'N 101°52'W. Center as described in 1972. 27 December 2009; 8:30 a.m. to 5:00 p.m.; 27°F to 40°F. Wind N 0-10 mph. Still water partly open, moving water partly open; a.m. clear, p.m. clear. Six observers in 2-3 parties. Total party-hours 23 (3 on foot, 20 by car). Total party-miles 312 (5 by foot, 307 by car). Total 57 species; 1,970 individuals.

M.P. Haddican, S. Patti (compiler-552 W. Belden Ave., Chicago, IL 60614), L. Smith, La. Smith, R. Smith, M. Thompson.

Clark County. 37°24'N 99°54'W. Center at a point 6 miles S and 1 mile W of Bloom, KS, to include Minneola, Bloom, and Clark State Fishing Lake. Shifted circle center 1 mile north from previous years. 22 December 2009; 7:30 a.m. to 5:00 p.m.; 35°F to 31°F. Wind N 10-20 mph. Still water partly frozen, moving water partly frozen; a.m. clear, p.m. cloudy, foggy. One observer in 1 party. Total party-hours 9.5 (1 on foot, 8.5 by car), plus 1 hour owling. Total party-miles 138 (0.5 by foot, 137.5 by car), plus 20 miles owling. Total 56 species; 5,582 individuals.

Galen Pittman (compiler-12042 258th St, Lawrence, KS 66044).

Derby/Belle Plaine. 37°31'N 97°15'W. **New Count.** Center at a point on the K-53 Highway Bridge over the Arkansas River at the Sedgwick-Sumner County Line. Center is just west of the city of Mulvane and includes a large part of the Arkansas River valley and suburban communities in south-central Kansas. 10 January 2010; 7:30 a.m. to 5:30 p.m.; 7°F to 39°F. Wind SSW 21 mph. Still water frozen, moving water partly open; a.m. clear, p.m. clear. Fourteen observers in 6 parties, plus 3 at feeders. Total party-hours 48.5 (15 on foot, 33.5 by car), plus 2.5 hours at feeders, and 1 hour owling. Total party-miles 398.25 (12.25 by foot, 386 by car), plus 10 miles owling. Total 94 species; 74,506 individuals.

Jeff Calhoun (compiler-520 Whitetail, Derby, KS 67037), Denice Craig, Jan Eberle, Rita Goben, Bob Gress, Kevin Groeneweg, Mike Heaney, Darlee Hicks, Leon Hicks, Catherine Lewis, Patty Marlett, Cheryl Miller, Nathan Ofstuhn, Travis Ross, Rachel Roth, Carolyn Schwab, Art Wiengand.

Dodge City. 37°46'N 99°58'. Center as described in 2003. 14 December 2009; 8:00 a.m. to 4:00 p.m.; 11°F to 27°F. Wind NNW 12 mph. Still water frozen, moving water partly open; a.m. partly cloudy, p.m. partly cloudy. Eight observers in 2 parties, plus 2 at feeders. Total party-hours 20 (1.5 on foot, 18.5 by car), plus 4 hours at feeders. Total party-miles 192.5 (1.5 on foot, 191 by car). Total 34 species; 15,671 individuals.

Joyce Davis, Edna Donaghey, Joleen Fromm (compiler- 200 Campus Drive, 1B, Dodge City, KS 67801), Marsha Gomez, Phyllis Harkness, Jean Lantis, Bill Sutton, Rae Tweedy.

El Dorado Lake. 37°51'N 96°52'W. Center as described in 1990. 19 December 2009; 7:30 a.m. to 4:00 p.m.; 29°F to 32°F. Wind N 15 mph. Still water open, moving water open; a.m. cloudy, p.m. cloudy. Two observers in 1 party, plus 1 at feeders. Total party-hours 7 (4 on foot, 3 by car) plus 2 hours at feeders and 1 hour owling. Total party-miles 69 (4 on foot, 65 by car) plus 5 miles owling. Total 61 species; 2,903 individuals.

Charlie Green, Bill Langley (compiler-2425 Gentry, El Dorado, KS 67042), Larry McCulley.

Emporia. 38°27'N 96°05'W. Center as described in 1985. 20 December 2009; 8:00 a.m. to 5:00 p.m.; 25°F to 40°F. Wind SW-NW 9-7 mph. Still water partly frozen, moving water partly frozen; a.m. partly cloudy, p.m. partly cloudy. Eleven observers in 5 parties. Total party-hours 31 (not separated by foot and car). Total party-miles 199 (not separated by foot and car). Total 75 species; 16,323 individuals.

Jenna Ferguson, Roger Ferguson, Sherry Ferguson, Jenny Halstead-Jensen, Bill Jensen, Marvin Kuehn, Paul McKnab, Jeff Prendergast, Tyleia Prendergast, Jean Schulenberg (compiler-1633 Road 250, Admire, KS 66830), Kathleen Tabor.

Fort Riley. 39°9.6'N 96°46.5'W. **New Count.** Center is located 1.75 miles N of Range 34, 1.5 miles E of Range 3 inside the Fort Riley Impact Area on the Fort Riley Military Installation and covers a portion of Riley and Geary counties. 5 January 2010; 8:30 a.m. to 3:30 p.m.; 12°F to 9°F. Wind NNE 3 mph. Snow 3-5 inches. Still water mostly frozen, moving water partly open; a.m. partly cloudy, p.m. partly cloudy. Ten observers in 4 parties. Total party-hours 26 (11 on foot, 15 by car). Total party-miles 113 (9 on foot, 104 by car). Total 59 species; 3,271 individuals.

Tom Duckworth, Megan Friedrich, Clint Helms, Mike Houck (compiler-T&E Species Biologist, DPW Environmental Division, Bldg 404, Holbrook Ave., Fort Riley, KS 66442), Brian Monser, Brett Parsons, Josh Rease, Frank Rottinghaus, Matt Smith, Paula Urban.

Garden City. 37°55'N 100°47'W. Center updated and described as 3.7 miles SE of the E bypass junction of US Highways 50 and 83 (37.91682 N, -100.80157 W). 2 January 2010; 8:00 a.m. to 6:00 p.m.; 14°F to 19°F. Wind SSE-SE 2-15 mph. Still water frozen, moving water partly open; a.m. foggy, p.m. foggy. Seven observers in 3 parties, plus 10 at feeders. Total party-hours 18.5 (4.5 on foot, 14 by car) plus 13 hours at feeders. Total party-miles 177.8 (7.7 on foot, 170.1 by car). Total 53 species; 6,471 individuals.

Debra Bolton, Larry Bushman, Barbara Campbell, Doug Floto, Carole Geir, Mary Lake, Dan LaShelle, Margaret Meyers, Marie Osterbuhr (compiler-1103 Gillespie Place, Garden City, KS 67846), Mike Ramsey, Pam Ramsey, Leonard Rich, Sara Shane, Tom Shane.

Hays. 38°51'N 99°27'W. Center as described in 1987. 19 December 2009; 8:00 a.m. to 5:00 p.m.; 25°F to 41°F. Wind W 7 mph. Snow 3 inches. Still water frozen, moving water partly open; a.m. partly cloudy, p.m. clear. Twenty observers in 9 parties, plus 1 at feeders. Total party-hours 26.5 (10 on foot, 16.5 by car), plus 1 hour at feeders and 0.5 hour owling. Total party-miles 246.5 (6.5 on foot, 240 by car), plus 0.5 mile owling. Total 59 species; 12,800 individuals.

Brian Bartels, Joe Borra, John Borra, Andree Brisson, Earl Carlson, Greg Farley (compiler-Department of Biological Sciences, Fort Hays State University, Hays, KS 67601), Alex Galt, Justin Hamilton, Shingo Ishihara, Stephanie Kane, Sam Mannell, Terry Mannell, Roberta

Martine, Jenn Rader, Mike Rader, Curtis Schmidt, Bill Stark, Zac Stark, Jim Strine, Curtis Wolf.

Ingalls/Cimarron. 37°50'N 100°27'W. Center as described in 2002. 5 January 2010; 7:55 a.m. to 4:30 p.m.; 24°F to 29°F. Wind SE-ESE 2-15 mph. Still water partly open, moving water none; a.m. foggy, p.m. cloudy. Two observers in 2 parties. Total party-hours 10 (3 on foot, 7 by car). Total party-miles 122 (6 on foot, 116 by car). Total 40 species; 37,749 individuals.

Dan LaShelle (238 SW Gage Blvd, Apt 1208, Topeka, Kansas 66606-2059), Tom Shane.

John Redmond Reservoir. 38°27'N 95°82'W. Center as described in 1993. 19 December 2009; 7:45 a.m. to 5:10 p.m.; 26°F to 30°F. Wind NW5-15mph. Still water partly open, moving water open; a.m. cloudy, p.m. cloudy. Nineteen observers in 7 parties, plus 1 at feeders. Total party-hours 37.5 (11.75 on foot, 25.75 by car), plus 2 hours at feeders and 1 hour owling. Total party-miles 476.25 (12.25 on foot, 464 by car), plus 20 miles owling. Total 86 species; 136,485 individuals.

Nick Allen, Randy Bodenhammer, Bob Culbertson (compiler-207 Cheyenne St., New Strawn, KS 66839), Carol Culbertson, Jenny Gearheart, Matt Gearheart, Helen Hall, Mary Holloway, Jim Minnerath, Marty Ramirez, Jared Reed, Kay Scott, Art Swalwell, Jacob Williams, Jerry Williams, Sue Williams, Dan Williamson, Amy Zavala.

Junction City. 39°00'N 96°53'W. Center as described in 1992. 27 December 2009; 7:30 a.m. to 5:30 p.m.; 20°F to 30°F. Wind N 5-20 mph. Snow 5 inches. Still water partly open, moving water partly open; a.m. mostly cloudy, p.m. mostly cloudy. Nine observers in 4 parties. Total party-hours 31.5 (5 hours on foot, 26.5 hours on foot), plus 0.75 hours owling. Total party-miles 312.75 (5 miles on foot, 307.75 by car), plus 16 miles owling. Total 73 species; 11,787 individuals.

Annie Baker, Chod Hedinger, Carol Hoogheem, Irwin Hoogheem, Robert Kruger, Cheryl Miller, Chuck Otte (compiler-613 Tamerisk Drive, Junction City, KS 66441), Jaye Otte, Pat Silovsky.

Kanopolis Reservoir. 38°37'N 97°57'W. Center as described in 1983. 10 January 2010; 8:00 a.m. to 4:00 p.m.; 10°F to 40°F. Wind SW 10-20 mph. Snow 2 inches. Still water frozen, moving water partly open; a.m. clear, p.m. partly cloudy. Eleven observers in 5 parties. Total party-hours 25.75 (11 on foot, 14.75 by car), plus 0.5 hour owling. Total party-miles 181.5 (9 on foot, 172.5 by car), plus 13 miles owling. Total 77 species; 11,766 individuals.

Glen Caspers, Tom Ewert, Bob Hoopes, Barry Jones, Ellen Jones, Robert Kruger (Compiler-636 East State St., Lindsborg, KS 67456), Dan Larson, Jim Malcolm, Carol Morgan, Jethro Runco, Roger Schultz.

Lakin. 37°59'N 101°15'W. Center as described in 1994. 4 January 2010; 7:55 a.m. to 5:25 p.m.; 21°F to 46°F. Wind NW 0-12 mph. Still water partly open, moving water partly frozen; a.m. foggy, p.m. partly cloudy. Five observers in 3-4 parties. Total party-hours 21.25 (1 on foot, 20.25 by car), plus 1 hour owling. Total party-miles 266.5 (2 on foot, 264.5 by car), plus 0.5 miles owling. Total 48 species, 34,393 individuals.

Barbara Campbell, Bob Campbell, Dan LaShelle (compiler-238 SW Gage Blvd, Apt 1208, Topeka, KS 66606-2054), Marie Osterbuhr, Tom Shane.

Lawrence. 38°59'N 95°18'W. Center as described in 1981. 19 December 2009; 7:30 a.m. to 5:15 p.m.; 27°F to 28°F. Wind NW 5-10 mph. Still water partly frozen, moving water partly frozen; a.m. cloudy, light snow, p.m. cloudy, light snow. Twenty-eight observers in 12 parties, plus 2 at feeders. Total party-hours 93 (29.5 on foot, 62 by car, 1.5 hours by ATV), plus 2 hours

at feeders, and 6 hours owling. Total party-miles 539 (25 on foot, 510 by car, 4 miles by ATV), plus 25 miles owling. Total 90 species; 48,016 individuals.

Bob Antonio, Kelly Barth, Jon Boyd, Roger Boyd, Karen Carlsen, Kit Carlsen, Mark Corder, Lisa Grossman, David Herrin, Susan Iversen, Jon King, Mick McHugh, Duane Otto, Gerry Parkinson, Galen Pittman (compiler-12042 258th St., Lawrence, KS 66044), Sarah Roels, Steve Roels, Stan Roth, Banny Rucker, Bob Rucker, David Seibel, Dawn Sharp, Ed Shaw, Cynthia Shaw, Elaine St. James, Jon Standing, Joyce Wolf, Ron Wolf.

Leavenworth-Atchison. 39°23'N 95°00'W. Center as described in 1992. 2 January 2010; 7:00 a.m. to 4:00 p.m.; -4°F to 10°F. Wind NW 5 mph. Snow 8 inches. Still water frozen, moving water partly open; a.m. clear, p.m. partly cloudy. Four observers in 3 parties. Total party-hours 21 (1.5 on foot, 18.5 by car), plus 0.5 at feeders, and 0.5 owling. Total party-miles 200 (1.5 on foot, 198.5 by car), plus 2 miles owling. Total species 54; 3,513 individuals.

David Billard, John Bollin III, Galen Pittman, John Schukman (compiler-14207 Robin Rd., Leavenworth, KS 66048).

Liberal/Seward County. 37°08'N 100°50'W. Center as described in 1992. 28 December 2009; 7:15 a.m. to 3:30 p.m.; 16°F to 45°F. Wind calm. Still water partly open, moving water partly open; a.m. clear, p.m. clear. Four observers in 1-2 parties. Total party-hours 9 (2 on foot, 7 by car). Total party-miles 106 (1 on foot, 105 by car). Total 49 species; 529,476 individuals.

Sebastian Patti (compiler-552 W. Belden Ave., Chicago, IL 60614), Jennifer Rader, Mike Rader (co-compiler), Max Thompson.

Manhattan. 39°11.4'N 96°34.82'W. Center as described in 2003. 19 December 2009; 4:00 a.m. to 5:30 p.m.; 28°F to 31°F. Wind N 0-25 mph. Snow 3 inches. Still water frozen, moving water open; a.m. cloudy, p.m. cloudy. Fifty-three observers in 25 parties, plus 4 at feeders. Total party-hours 124 (43.25 on foot, 80.75 by car), plus 4 hours at feeders. Total party-miles 551.5 (51 on foot, 500.5 by car). Total 85 species; 50,159 individuals.

Annie Baker, Emilie Blivens, Doris Burnett, Warren Buss, Ted Cable, Jack Cully, Brock Dale, Elizabeth Dodd, Michael Donnelly, Kevin Fay, Clara Ferguson, Clyde Ferguson, Ann Feyerharm, Annette Figured, Fred Freeman, Pat Freeman, Carol Gadbury, Pat Gormely, Chod Hedinger, Carol Hoogheem, Hoogy Hoogheem, Karen Hummel, Cindy Jeffrey, Jeff Jeffrey, Richard Johnson, Ron Klataske, Jim Koelliker, Marilyn Koelliker, Roma Lenehan, Brandon Magette, Muenzenberger Marge, Mark Mayfield, Bob Mohr, Beth Montelone, Jack Oviatt, Peter Oviatt, David Rintoul (compiler-Biology Division-Ackert Hall, Kansas State University, Manhattan, KS 66506-4901), Jeroen Roelofs, Amy Rogers, Marla Shoemaker, Nathan Shoemaker, Chris Smith, Gerry Snyder, Barry Southon, Madonna Stallman, Dean Stramel, Mike Strophe, Dana Townsend, Harvard Townsend, Kelsey Townsend, Eric Turtle, Paul Weidhaas, Patricia Yeager.

Meade. 37°15'N 100°20'W. Center as described in 1985. 10 January 2010; 7:30 a.m. to 5:00 p.m.; 6°F to 58°F. Wind north 0-10 mph. Still water frozen, moving water partly open; a.m. clear, p.m. clear. Five observers in 2 parties, plus 1 at feeders. Total party-hours 10.5 (4 on foot, 6.5 by car), plus 1 hour at feeders. Total party-miles 79 (5 on foot, 74 by car). Total 56 species; 5,226 individuals.

Tom Flowers (Compiler-PO Box 87, Meade, KS 67864), Bill Harris, Ron Mellard, Sara Shane, Tom Shane.

Olsburg. 39°25'N 96°39'W. Center as described in 1991. 21 December 2009; 8:00 a.m.

to 5:00 p.m.; 21°F to 45°F. Wind N 0-5 mph. Snow 2-4 inches. Still water partly frozen, moving water open; a.m. clear, p.m. partly cloudy. Seven observers in 3 parties, plus 1 at feeders. Total party-hours 23 (6 on foot, 17 by car), plus 4 hours at feeders. Total party-miles 212 (4 on foot, 208 by car). Total 72 species; 16,048 individuals.

Susan Adamchak (feeder), Doris Burnett, Carol Hoogheem, Erwin Hoogheem, Ruth Lynn Hooper, Cindy Jeffrey, Jay Jeffrey, Gary Jeffrey (compiler-15850 Galilee Rd, Olsburg, KS 66520).

Oskaloosa/Perry Lake. 39°12.0896'N 95°24.2355'W. Center as described in 1980. 20 December 2009; 6:00 a.m. to 5:20 p.m.; 28°F to 48°F. Wind S-NNW 8-14 mph. Snow 1 inch. Still water partly open, moving water partly open; a.m. partly cloudy, p.m. clear. Twenty-four observers in 9 parties. Total party hours 59.5 (8 on foot, 51.5 by car), plus 1 hour owling. Total party-miles 496.3 (10.3 on foot, 486 by car), plus 1 mile owling. Total 76 species; 34,318 individuals.

Bob Antonio, Richard Bean, Pam Chaffee, Elaine Corder, Mark Corder, Dena Friesen, Peter Grund, Joe Harrington, Susan Iversen, Jon King, Laurie Kosmiski, Joanna LaCoursiere, Dan Larson, Nancy Leo, Sarah Merrill, Carol Morgan, Marie Plinsky, Banny Rucker, Bob Rucker, Cynthia Shaw, Ed Shaw, Roseanne Smith, Janice Walters, Bunnie Watkins (Compiler-1003 E 1200 Rd., Lawrence, KS 66047), Molly Zahn.

Parsons. 37°30'N 95°15'W. Center as described in 1996. 19 December 2009; 7:45 a.m. to 2:00 p.m.; 32°F to 36°F. Wind N 5-15 mph. Still water partly frozen, moving water open; a.m. cloudy, p.m. cloudy. Six observers in 2 parties. Total party-hours 6.25 (6.25 by car). Total party-miles 71 (71 by car). Total 58 species; 8,871 individuals.

Mavis Brenner, Robert Mangile, Vi Thorne, Rick Tucker (compiler-P. O. Box 875, Parsons, KS 67357), Dennis Wilson.

Quivira National Wildlife Refuge. 38°09'N 98°29'W. Center as described in 1972. 14 December 2009; 7:30 a.m. to 5:30 p.m.; 14°F to 17°F. Wind N 15-20 mph. Snow 2 inches. Still water frozen, moving water partly frozen; a.m. cloudy, p.m. partly cloudy. Twenty-two observers in 6 parties. Total party-hours 42 (8.5 on foot, 33.5 by car), plus 0.5 hour owling. Total party-miles 406.5 (5.5 on foot, 401 by car), plus 2 miles owling. Total 87 species; 644,155 individuals.

Amanda Alessi, Levi Beaver, Ken Brunson, Seth Gardner, Kevin Groeneweg, Mary Pat Haddican, Barry Jones, Dan Kilby, Rachel Laubhan, Joyce Lent, Patty Marlett, Nathan Ofsthun, Robert Penner, Jenifer Rader, Mike Rader (compiler-2218 Ave. F, P.O. Box 395, Wilson, KS 67490), Mark Rogers, Mark Rogers, Scott Seltman, Heather Stone, Max Thompson, Curtis Wolf, Laurie Yasui.

Red Hills. 37°13'N 98°41'W. Center as described in 1994. 2 January 2010; 7:30 a.m. to 5:30 p.m.; 10°F to 19°F. Wind E 8-14 mph. Snow 1 inch. Still water frozen, moving water partly open; a.m. cloudy, p.m. cloudy. Nineteen observers in 4 parties. Total party-hours 32 (7 on foot, 25 by car), plus 2 hours owling. Total party-miles 291 (5 miles on foot, 286 by car), plus 14 miles owling. Total species 84; 24,186 individuals.

Duane Andersen, Henry Armknecht, Jeff Calhoun, Tom Ewert, Kevin Groeneweg, Bob Hoopes, Pete Janzen (compiler-3137 Mascot, Wichita, KS 67204-4407), Cleo Lutz, Jamie Lutz, Jodie Lutz, Patty Marlett, Nathan Ofsthun, Alexis Powell, Eli Powell, Dale Randall, Stan Roth, Eddie Stegall, Savilla Stegall, Gloria Wolf.

Salina. 38°50'N 97°38'W. Center as described in 1983. 19 December 2010; 7:00 a.m. to

5:00 p.m.; 0°F to 5°F. Wind NW 0-5 mph. Still water frozen, moving water partly open; a.m. cloudy, p.m. cloudy. Eighteen observers in 4-5 parties, plus 4 at feeders. Total party-hours 34.5 (8.5 on foot, 26 by car), plus 5 hours at feeders. Total party-miles 312 (20.5 on foot, 291.5 by car). Total 61 species; 60,845 individuals.

Salvatore Boccuzzi, Dennis Farres, Kat Farres, David Haight, Kevin Haight, Glenda Hopkins, Pearl Jones, Harold Lear (compiler-612 Max Avenue, Salina, KS 67401-6661), Bridget Lott, Kiley Lott, Jennifer Motter, Shannon Rayl, Kathie Roy, Michael Roy, Anne Streckfus, Marge Streckfus, Joseph Streckfus, John Wachholz.

Sawyer. 37°52'N 98°41'W. Center as described in 1989. 22 December 2009; 8:00 a.m. to 5:00 p.m.; 33°F to 37°F. Wind N 5-10 mph. Still water frozen, moving water open; a.m. cloudy, p.m. cloudy. Twenty-three observers in 12 parties. Total party-hours 41.5 (9.75 on foot, 31.75 by car). Total party-miles 416.5 (8.5 on foot, 408 by car). Total 80 species; 34,348 individuals.

Kevin Becker, David Bender, Ken Brunson (compiler-40050 NE 10th St., Pratt, KS 67124), Lee Ann Brunson, Jeff Conley, Faye Graff, Mike Hassler, Bill Hlavachick, Shannon Jarmer, Ashley Johnson, Barry Jones, Jonathan King, Dan Larson, Jane Queal, Lee Queal, Jennifer Rader, Mike Rader, Kadence Riner, Weston Rider, Amber Robbins, Jack Strait, Bob Wood, Laurie Yasui.

Scott Lake. 38°35'N 100°56'W. Center as described in 1987. 3 January 2010; 7:45 a.m. to 5:15 p.m.; 21°F to 33°F. Wind NE-SE 0-12 mph. Snow 0-2 inches. Still water partly open, moving water partly open; a.m. foggy, p.m. partly cloudy. Seven observers in 4 parties. Total party-hours 23.75 (6.5 on foot, 17.25 by car). Total party-miles 189.5 (9.55 on foot, 180 by car). Total 50 species; 10,518 individuals.

Doug Floto, Dan LaShelle, Marie Osterbuhr, Mike Ramsey, Pam Ramsey, Sara Shane, Tom Shane (compiler-1706 Belmont, Garden City, KS 67846).

Seneca. 39°47'N 96°05'W. Center as described in 1997. 22 December 2009; 7:25 a.m. to 4:15 p.m.; 20°F to 31°F. Wind N-NE 2-12 mph. Snow 3 inches. Still water frozen, moving water partly open; a.m. foggy, p.m. foggy. One observer in 1 party. Total party-hours 8.5 (4.9 on foot, 3.6 by car). Total-party miles 100.5 (7 on foot, 93.5 by car). Total 40 species; 526 individuals.

Dan LaShelle (compiler-238 SW Gage Blvd., Apt. 1208, Topeka, KS 66606-2059).

Slate Creek Wetlands/Oxford. 37°15'N 97°15'W. Center as described in 1995. 23 December 2009; 7:30 a.m. to 5:30 p.m.; 18°F to 51°F. Wind S 5-15 mph. Still water partly open, moving water partly open; a.m. clear, p.m. clear to partly cloudy. Thirteen observers in 4-5 parties, plus 2 at feeders. Total party-hours 40.5 (5 on foot, 35.5 by car), plus 4 hours at feeders, 3 hours owling. Total party-miles 437.3 (5 on foot, 432.3 by car), plus 47.3 miles owling. Total 94 species; 1,049,017 individuals.

Jeff Calhoun, Wallace Champeny, Jack Dennett, Norma Dennett, Kevin Groeneweg, Bob Hoopes, Allen Jahn, Barbara Jahn, Wayne Jahn, Patty Marlett, Travis Ross, Eddie Stegall, Savilla Stegall, Max Thompson, Eugene A. Young (compiler-1707 N 7th St, Arkansas City, KS 67005).

Southeast KS Mined Land. 37°14'N 94°58'W. Center as described in 1992. 1 January 2010; 8:00 a.m. to 3:30 p.m.; 9°F to 25°F. Wind W 0-5 mph. Snow 6 inches. Still water frozen, moving water partly open; a.m. clear, p.m. partly cloudy. Eleven observers in 5 parties. Total party-hours 27.75 (1.75 on foot, 26 by car). Total party-miles 158 (2 on foot, 156 by car). Total 64 species; 9,917 individuals.

Mavis Benner, Cindy Ford, Steve Ford (compiler-Biology Department, Pittsburg State University, Pittsburg, KS 66763), John Hartley, Joyce Haynes, David Hennis, Lawrence Herbert, Delia Lister, Elizabeth Mangile, Robert Mangile, Donna Mansell.

Udall/Winfield. 37°16'N 96°59'W. Center as described in 1972. 20 December 2010; 8:00 a.m. to 5:00 p.m.; 25°F to 52°F. Wind S-NW 6-10 mph. Still water partly open, moving water open; a.m. clear, p.m. clear. Eleven observers in 5 parties. Total party-hours 48.5 (6.5 on foot, 42 by car), plus 4.5 hours owling. Total party-miles 376 (9 on foot, 367 by car), plus 56 miles owling. Total 100 species; 64,404 individuals.

Bette Anderson, Chad Anderson, Duane Anderson, Terry Barnett, Jeff Calhoun, Wallace Champeny, Kevin Groeneweg, Travis Ross, Max Thompson (compiler- 1729 E. 11th Ave., Winfield, KS 67156), Robert Wimmer, Eugene Young.

Ulysses. 37°30'N 101°18'W. Center as described in 1994. 1 January 2010; 8:15 a.m. to 4:30 p.m.; 20°F to 52°F. Wind NNW 1-10 mph. Still water partly open; moving water partly open; a.m. clear, p.m. clear. Ten observers in 5 parties. Total party-hours 31 (9.5 on foot, 21.5 by car). Total party-miles 286.25 (15.25 on foot, 271 by car), Total 56 species 8,573 individuals.

Doug Floto, Sam Guy, Kellye Hart (compiler- PO Box 576, Ulysses, KS 67880), Kelvin Heitmann, Dan LaShelle, Marion McGlohon, Sara Shane, Tom Shane, Brady Trotman, Jeff Trotman.

Wakefield. 39°13'N 96°58'W. Center as described in 1992. 20 December 2009; 7:30 a.m. to 4:00 p.m.; 25°F to 45°F. Wind SW-NW 0-14 mph. Snow 3 inches. Still water partly open, moving water partly open; a.m. clear, p.m. clear. Seven observers in 4 parties. Total party-hours 27.25 (6 on foot, 21.25 by car), plus 2.5 hours owling. Total party-miles 217 (6.5 on foot, 210.5 by car), plus 21.3 miles owling. Total 69 species; 17,053 individuals.

Warren Buss, Chod Hedinger, Carol Hoogheem, Irwin Hoogheem, Brandon Magette, Jim Malcom, Chuck Otte (compiler-613 Tamerisk, Junction City, KS 66441).

Webster Reservoir. 39°25'N 99°24'W. Center as described in 1992. 4 January 2010; 7:30 a.m. to 5:00 p.m.; 14°F to 18°F. Wind NE 5-10 mph. Snow 0-3 inches. Still water frozen, moving water partly frozen; a.m. cloudy, light snow, p.m. cloudy, light snow. Three observers in 2 parties. Total party-hours 17 (5 on foot, 12 by car). Total party-miles 188 (2 on foot, 186 by car). Total 83 species; 26,837 individuals.

Henry Armknecht, Ellen Rader, Mike Rader (compiler-P.O. Box 395, Wilson, KS 67490).

Wichita. 37°41'N 97°21'W. Center as described in 1955. 20 December 2009; 7:30 a.m. to 5:30 p.m.; 32°F to 34°F. Wind N 5-18 mph. Still water partly frozen, moving water open; a.m. cloudy, p.m. cloudy. Twenty-five observers in 7 parties, plus 3 at feeders. Total party-hours 58.75 (36.75 on foot, 22 by car), plus 3.5 hours at feeders and 2.75 hours owling. Total party-miles 354.5 (31.5 on foot, 323 by car), plus 16 miles owling. Total 97 species; 79,148 individuals.

Brian Addis, Roy Beckemeyer, Jeff Calhoun, Wallace Champeny, Bev Dugay, Doug English, Harry Gregory, Bob Gress, Paul Griffin, Kevin Groeneweg (compiler-2603 S. Capri Ln, Wichita, KS 67210), Mike Heaney, Niklas Hinson, Pete Janzen, Catherine Lewis, Patty Marlett, Rob McHenry, Rosa McHenry, Cheryl Miller, Nathan Ofsthun, Dale Randall, Ben Rogers, Lewis Rogers, Rachel Roth, Eddie Stegall, Curt VanBoening, Art Weigand.

Wilson Lake. 38°56'N 98°34'W. Center as described in 1994. 20 December 2009; 7:30 a.m. to 5:30 p.m.; 26°F to 49°F. Wind W 5-20 mph. Snow 2 inches. Still water partly frozen,

moving water partly frozen; a.m. clear, p.m. clear. Seven observers in 4 parties. Total party-hours 31 (9 on foot, 22 by car). Total party-miles 291.5 (4.5 on foot, 287 by car). Total 81 species; 26,608 individuals.

Henry Armknecht, Dave Klema, Robert Penner, Ellen Rader, Jennifer Rader, Mike Rader (compiler-P.O. Box 395, Wilson, KS 67490), Scott Seltman.

Yoder. 37°55'N 97°50'W. Center as described in 2000. 12 December 2009; 8:00 a.m. to 4:00 p.m.; 29°F to 43°F. Wind S 5-10 mph. Snow 1-2 inches. Still water frozen, moving water partly open; a.m. cloudy, p.m. partly cloudy. Nine observers in 5 parties. Total party-hours 18 (3.5 on foot, 14.5 by car). Total party-miles 147.5 (3.5 on foot, 144 by car). Total 47 species; 7,870 individuals.

Levi Beaver, Mary Clark (compiler-Dillon Nature Center, 3002 E 30th, Hutchinson, KS 67502), Marilla Colson, Kris Davis, Dan Dyck, Steve Kinser, Dan Larson, Mark Rogers, Jim Smith.

Biology Department, Northern Oklahoma College, 1220 E. Grand, PO Box 310, Tonkawa, OK 74653-0310 (Eugene.Young@north-ok.edu).

2009-10-KOS CBC Table Species	Alma	Arkansas City	Benedictine Bottoms	Blue Rapids	Bonner Springs	Cheyenne Bottoms	Cimarron Natl. Grassld	Clark County	Derby Belle Plain	Dodge City	El Dorado Lake	Emporia	Fort Riley	Garden City
Greater White-fronted Goose		6				702			633	1		5		
Snow Goose, White form		10			2	92			1603			1402		
Blue Form		2							78					
Ross's Goose	1	3							8					
Cackling Goose	360	161	50		150	302	25	6	9785		1			
Canada Goose	778	857	540	cw	40000	3801	125	175	15403	1482	15	12384	180	13
Trumpeter Swan														
Tundra Swan														
Wood Duck						5								8
Gadwall	2	18			30		1	16	216		25	11	14	1
American Wigeon		4			1		1	3	6					54
American Black Duck														
Mallard	14	163	15		150	16	60	350	1273		30	45		115
Blue-winged Teal												2		
Northern Shoveler		2							75		12			
Northern Pintail		1			1			3	1					
Green-winged Teal		2							12		15			
Canvasback		4							11		3	1		
Redhead		6							19		2			
Ring-necked Duck	6	2	2		30	15			36		6	3		
Greater Scaup														
Lesser Scaup		1						1	11			2		
Bufflehead		2			3			2	17			5		
Common Goldeneye	22	4	6		30	2		55	13		15	30	9	
Barrow's Goldeneye														
Hooded Merganser	2	6			12				4		12		1	
Common Merganser	30	7	3		40	1	1		12		12	2	11	
Red-breasted Merganser								1						
Ruddy Duck	1											2		
duck sp.														
Ring-necked Pheasant		14		21				1	7	6			15	12
Greater Prairie-Chicken				28			4					18	32	
Lesser Prairie-Chicken								4						
Wild Turkey	279	3	17	127	41	40		30	16		6	174	59	
Northern Bobwhite		19		4		36	9		12		52		95	35
Pied-billed Grebe	1	1						1	4			2		
Horned Grebe														
American White Pelican											1			
Double-crested Cormorant									2		2			
Great Blue Heron		4			1	8		3	36		3	4	1	1
Black-crowned Night-Heron														
Bald Eagle	2	31	8	3	6	14		1	80		4	6	79	
Northern Harrier	2	58	1			120	11	19	32	61	16	31	21	15
Sharp-shinned Hawk	2	3		1	2	6	1		3	1		1	1	8
Cooper's Hawk		1	2			1	1		13		1	1	3	2
Northern Goshawk														
<i>Accipiter</i> sp.						1								
Red-shouldered Hawk		5							4		1			
Red-tailed Hawk	8	217	20	29	19	113	6	12	161	19	16	82	56	12
Harlan's		7		3		4		1	5			7		
Krider's														
Ferruginous Hawk						2	3			1				
Rough-legged Hawk	2			2		16	1	2	1	3	1	7	26	1
<i>Buteo</i> sp.										4				
Golden Eagle							1			1				
eagle species														1
American Kestrel		17	6	cw	3	20	5	2	29	7	2	10	1	2
Merlin		1				1	1	1	2	cw				
Prairie Falcon						2	1	4	1	3		1		1
<i>Falco</i> sp.														
Virginia Rail														
American Coot	28	3			12			20	6		1	9		
Sandhill Crane														
Killdeer										1				
Greater Yellowlegs														
Wilson's Snipe														
Bonaparte's Gull		3												
Ring-billed Gull		36			3				10		500	70		
California Gull		1												
Herring Gull	1	2				1			3		20			
Glaucous Gull		1												
gull sp.														
Rock Pigeon	23	246	150	20	18	331	100	50	410	737	25	95	2	426
Eurasian Collared-Dove		32				8	381	110	46	261	2	8		495
White-winged Dove							1			6				37
Mourning Dove	9	47	2	13	37	2	36		143	15	5	15		49
Ringed Turtle-Dove														
Inca Dove														2
Barn Owl						6	1					2		
Eastern Screech-Owl		2		1		2	1		2			1		
Great Horned Owl		9		4		6	4	2	10	1	2	2	1	
Barred Owl		13		6	1			1	3		1	3		
Long-eared Owl							1							
Short-eared Owl					1	12						4	1	
Northern Saw-whet Owl														
Belted Kingfisher		2				1		2	5		1	2	7	
Red-headed Woodpecker	6	2			4						1		3	1
Red-bellied Woodpecker	24	35	15	18	9	11		4	68		3	20	20	
Williamson's Sapsucker														
Yellow-bellied Sapsucker		4		2	1	1			1		1	1	4	
Ladder-backed Woodpecker							3							
Downy Woodpecker	5	13	5	13	10	13	3	3	62		3	25	15	10
Hairy Woodpecker	5	4	1	2	1	3	1	1	8		1	1	1	3

2009-10-KOS CBC Table Species	Alma	Arkansas City	Benedictine Bottoms	Blue Rapids	Bonner Springs	Cheyenne Bottoms	Cimarron Natl. Grassld	Clark County	Derby Belle Plain	Dodge City	El Dorado Lake	Emporia	Fort Riley	Garden City
Northern Flicker		11	21	7		13	8		30		15	20	53	11
Yellow-shafted	31	17		37	18	11		1	69	2		17	47	
Red-shafted	1					6		6	6			3	6	1
Pileated Woodpecker		2							4			3		
woodpecker sp.														
Eastern Phoebe									2					
Loggerhead Shrike		2				1	3					3	3	
Northern Shrike				2				1						
Blue Jay	31	49	14	32	44	8	1		62	cw	1	21	38	9
Western Scrub-Jay														
Black-billed Magpie							2	1		3				9
American Crow	88	278	39	903	47	1		5	478	cw	50	99	463	
Horned Lark	250	2063	330	174	40	3147	65	220	5706	2841	3	28	3	600
Carolina Chickadee		57							11					
Black-capped Chickadee	15		26	19	43	3			150		3	112	89	
Tufted Titmouse	8	25	9	14	27				119		3	60	13	
Red-breasted Nuthatch							1			cw			1	1
White-breasted Nuthatch	13	13	6	8	11	9	2	1	25		1	4	12	4
Brown Creeper	1	7	1						3			3		
Rock Wren											1	6	3	1
Carolina Wren	5	22		2	5	2			57			1		
Bewick's Wren								1				1		
Winter Wren	1	1			2	1		1	2			1		
Marsh Wren						1								
Golden-crowned Kinglet	1	2		3	2	1			1			6	1	1
Ruby-crowned Kinglet		3				1			2		1			1
Eastern Bluebird	50	30	15	31	10	15	5	10	74		15	13	56	
Mountain Bluebird							2							6
Townsend's Solitaire								1						
Hermit Thrush		1											4	
American Robin	220	71	1	845		31	52	5	8	3	2	31	694	16
Gray Catbird							1							
Northern Mockingbird		4			5				11			5	1	
Brown Thrasher						1	1							
European Starling	7368	19274	118		600	509	126	50	2109	261	1500	492	286	98
American Pipit														
Bohemian Waxwing														1
Cedar Waxwing		10				66	4	1	30				222	8
Orange-crowned Warbler														
Yellow-rumped (Myrtle) Warbler	24	84	1	1					99			2	5	
Pine Warbler		1												
Palm Warbler														
Spotted Towhee		1		1				1	3				2	
Eastern Towhee														
Canyon Towhee							1							
American Tree Sparrow	372	232	13	168	66	766	19	28	372	5	150	134	142	55
Chipping Sparrow														
Field Sparrow		10			1	1			7					
Savannah Sparrow		152							1				9	
LeConte's													1	
Fox Sparrow	1	12		4	1								1	
Song Sparrow	12	122	3	8	35	14	6	5	52			4	19	2
Lincoln's Sparrow									1					
Swamp Sparrow	1	5			1				1					
White-throated Sparrow		12	7		28				11					
Harris's Sparrow	18	532	8	111	18	145		4	1245		24	36	15	7
White-crowned Sparrow		147	2	1		1	62		77	20			4	227
Dark-eyed Junco		1035	322			120	173		240			104	230	282
Slate-colored	693	559		624	530	31		30	1027	57		103		3
Oregon	5	25		1		12		5	4			1		26
Pink-sided		1												
White-winged														
sparrow sp.											25			
McCown's Longspur							4							
Lapland Longspur	2	1700	1	4	40	8464	104	800	3403	8614				261
Smith's Longspur												2		
Chestnut-collared Longspur														
longspur sp.														
Snow Bunting				1										
Northern Cardinal	19	275	73	136	110	32		1	275	4	4	37	78	4
Yellow-headed Blackbird														
Red-winged Blackbird	8	79582	444		210	6301	154	3350	22025	545	250	219		1626
Eastern Meadowlark	41	25	3		37	8			19		3	59	1	
Western Meadowlark		4				96	210	130	3	373				187
<i>Sturnella</i> sp.		1069	7	119		419			802				1	
Rusty Blackbird		44	35		50				52				20	
Brewer's Blackbird		1221				26			3			10		
Common Grackle		456	2						9	214	11	1		1
Great-tailed Grackle		66					6		1651	12	12			675
Brown-headed Cowbird	6	601			20	4		8	2667		1	1		
blackbird sp.		36000				33			700					
Purple Finch														
House Finch	20	14	2	34	64	32	102		80	5	2	5	8	335
Pine Siskin							4			1		1		18
Lesser Goldfinch														
American Goldfinch	2	180	19	111	60	67	13	20	100		4	67	70	81
House Sparrow	12	135	9	185	84	216	50	10	217	101	3	112	12	610
Total	10932	148341	2374	3883	42830	26514	1970	5582	74506	15671	2903	16323	3271	6471
Species	54	96	44	44	60	69	57	56	94	34	61	75	59	53

2009-10-KOS CBC Table Species	Hays	Ingalls Cimarron	John Redmond	Junction City	Kanopolis Lake	Lakin	Lawrence	Leavenworth Atchison	Liberal Seward Co.	Manhattan	Meade	Olsburg	Oskaloosa Perry	Parsons
Greater White-fronted Goose		39			6		cw				233			
Snow Goose, White form	1		116937		2	22700	3	200	cw	63	1000	225	12	
Blue Form			560			50				1		36	1	
Ross's Goose			16			13					3			
Cackling Goose	2	2		15	265	19	106	2	6	397	2		23	
Canada Goose	266	460	4172	1776	2066	663	21550	730	20	15274	2521	697	13,622	270
Trumpeter Swan			2										1	2
Tundra Swan							cw							
Wood Duck		1				3	4		6					
Gadwall			8	12	2		12		1	29				74
American Wigeon		8			1	129			3500		8			1
American Black Duck			1											
Mallard	69	175	4857	971	324	616	4900		4500	4205	550	369	1075	3732
Blue-winged Teal											14			
Northern Shoveler			25				39			20		14		9
Northern Pintail				1		9	1		77	5			1	2
Green-winged Teal			1	cw	61	2	217		76	73		2		
Canvasback			26											
Redhead					3									13
Ring-necked Duck	1			2	10			2					1	27
Greater Scaup														
Lesser Scaup	1						4				1			22
Bufflehead			3		9		16			1			2	2
Common Goldeneye	1	1	34	236	37	3	122	13	1	22	11	2	3059	17
Barrow's Goldeneye														
Hooded Merganser			165	6	6		22			37				37
Common Merganser			242	5	27	4	382	11		319	13	98	1682	
Red-breasted Merganser							1							
Ruddy Duck	1						5							
duck sp.														
Ring-necked Pheasant	79	15		25	8	21			18	2	3	1		
Greater Prairie-Chicken	21		4	46	169							cw		
Lesser Prairie-Chicken														
Wild Turkey	13			277	23		75	88		75	8	54	19	30
Northern Bobwhite	29	1	22	4	26		13	7	2	93	2	29		26
Pied-billed Grebe			6	3		1	2							
Horned Grebe							cw							
American White Pelican			9										2	
Double-crested Cormorant			33	3			1			5			34	1
Great Blue Heron			35	3	16	1	8			14			1	2
Black-crowned Night-Heron														
Bald Eagle			55	45	8	3	33	23		39		3	40	21
Northern Harrier	23	25	47	25	23	26	18	2	21	50	8	22	14	22
Sharp-shinned Hawk	1	1	3	2	2		3		1	7	cw	2	3	
Cooper's Hawk	2		1	2	1	1	3	1	4	4		2	1	1
Northern Goshawk														
<i>Accipiter</i> sp.														
Red-shouldered Hawk			5				1						2	
Red-tailed Hawk	42	23	69	76	22	32	110	49	24	146	10	93	185	52
Harlan's			2	3				1		6	1	1		
Krider's				1						4				
Ferruginous Hawk		2				5			11		1			
Rough-legged Hawk		7	3	3	14	22	4		9	8	1	4		1
<i>Buteo</i> sp.			6	3						2		6	7	
Golden Eagle	1					1						1		
eagle species														
American Kestrel	19	3	14	9	6	19	22	3	6	10	7	3	18	12
Merlin			1	1	1		1		1			2		
Prairie Falcon	2		1	2	1	1			1	2	1	1		
<i>Falco</i> sp.				1										
Virginia Rail														
American Coot				17			8			3			24	18
Sandhill Crane														
Killdeer					3		2			1				
Greater Yellowlegs														
Wilson's Snipe														
Bonaparte's Gull														
Ring-billed Gull			448	149	1		425			58		15	153	14
California Gull														
Herring Gull			12	6			5					11	32	
Glaucous Gull													2	
gull sp.													51	
Rock Pigeon	253	18	14	463	3	178	383	150	320	552	15	35	26	2
Eurasian Collared-Dove	30	155	2	5	23	544	23		175	44	60			
White-winged Dove						2			2					
Mourning Dove	8	9	13	64	7	18	107	21	60	70	3	1	32	27
Ringed Turtle-Dove						4								
Inca Dove									9					
Barn Owl							8							
Eastern Screech-Owl	4						3	3		2	1			
Great Horned Owl	8	3	1	1	3	2	4	1	1	7	3	2	1	1
Barred Owl				1	1		9	4		21		1	1	
Long-eared Owl			1											
Short-eared Owl				2										
Northern Saw-whet Owl														
Belted Kingfisher	2		2	2	2		6			10		3	2	1
Red-headed Woodpecker			4				4			79		5	4	2
Red-bellied Woodpecker	19		26	23	29		110	28		128	5	27	111	11
Williamson's Sapsucker														
Yellow-bellied Sapsucker			1	2	1		7	5		18		5	12	
Ladder-backed Woodpecker														
Downy Woodpecker	11	1	21	16	24	3	96	19	1	87	3	21	65	9
Hairy Woodpecker	6	1	3	1	4		15	5		10	1	4	8	2

2009-10-KOS CBC Table Species	Hays	Ingalls Cimarron	John Redmond	Junction City	Kanopolis Lake	Lakin	Lawrence	Leavenworth Atchison	Liberal Seward Co.	Manhattan	Meade	Olsburg	Oskaloosa Perry	Parsons
Northern Flicker	14	1	10	7	21	7	52	3	3	50	8	31	69	
Yellow-shafted	8		32	14	28		33	13		72		22	63	4
Red-shafted	10		4	2	6		6			2		3		
Pileated Woodpecker			2				5	3					1	
woodpecker sp.														
Eastern Phoebe							cw							
Loggerhead Shrike	2		3	2			1				1			4
Northern Shrike			2		1							1		
Blue Jay	8		49	72	5	6	167	33		450	1	163	173	34
Western Scrub-Jay														
Black-billed Magpie	4	7												
American Crow	28	3	128	1076	20		369	52	6	8478	2	7235	355	160
Horned Lark	2668	208	34	798	322	530	112	265	825	57	70	11		50
Carolina Chickadee														9
Black-capped Chickadee	9		65	28	62		267	40		207		32	202	
Tufted Titmouse			24	20			116	19		133		21	110	1
Red-breasted Nuthatch	3		1		1					1		2		
White-breasted Nuthatch	13	1	2	10	13		63	21		64	7	23	51	
Brown Creeper			5		1		17	1		10			5	
Rock Wren														
Carolina Wren	3		6	2	3		71	2		70		11	31	6
Bewick's Wren											3	1		
Winter Wren	1		3		1		3	1		5		1		
Marsh Wren			2		1				1					
Golden-crowned Kinglet	cw		4	5			8			22		2	5	
Ruby-crowned Kinglet							4					2		
Eastern Bluebird			72	72	85		204	19		451	40	166	302	42
Mountain Bluebird											50			
Townsend's Solitaire										1	3			
Hermit Thrush							2	1		3			2	
American Robin	15	9	10	431	324	28	140		40	7460	40	3729	171	17
Gray Catbird										1				
Northern Mockingbird			11	1	4		22	2		3	1	5	23	16
Brown Thrasher			1	1	1					2		1		
European Starling	1334	67	400	1535	320	693	4100	340	503000	4800	95	705	8972	94
American Pipit			3											
Bohemian Waxwing														
Cedar Waxwing				37	88	2			2	252	25	64	168	
Orange-crowned Warbler			11											
Yellow-rumped (Myrtle) Warbler				24	35		27	9		49	1	14	46	
Pine Warbler														
Palm Warbler														
Spotted Towhee		1		2	10				1	9	cw	2		
Eastern Towhee			4	2	1					1			1	
Canyon Towhee														
American Tree Sparrow	456	67	1009	725	1512	127	815	49	25	881	25	274	625	
Chipping Sparrow														
Field Sparrow	1				4					1				
Savannah Sparrow														2
LeConte's							1							
Fox Sparrow			1		3		18			5		1	5	
Song Sparrow	46	4	30	19	21		129	42	8	62	8	84	21	5
Lincoln's Sparrow			1	3			4			3		4	1	
Swamp Sparrow	1		1				45			1	2	2		2
White-throated Sparrow			13				60	21		30		3	32	
Harris's Sparrow	175	6	163	457	259		146	35		363	25	218	37	6
White-crowned Sparrow	14	98	27	6	2	79	56	33	21	25	20	47	13	19
Dark-eyed Junco	149	24	1430		301	140	50		116		64	630	624	31
Slate-colored	78		126	1213	523		2515	690		1612			356	
Oregon	26						6		2	8		1		
Pink-sided					3									
White-winged														
sparrow sp.														
McCown's Longspur														
Lapland Longspur	5230	35134	7	157	2	785	61	9	1650	cw				
Smith's Longspur														
Chestnut-collared Longspur				2					3					
longspur sp.											cw			
Snow Bunting														
Northern Cardinal	8		119	78	79	1	489	129	5	292	6	51	234	81
Yellow-headed Blackbird														
Red-winged Blackbird	436	772	3820	38	2800	5966	7900	68	550	606	75	304	451	3500
Eastern Meadowlark			47				2	16		76			24	182
Western Meadowlark	722	94				242		1	478		75		28	
<i>Sturnella</i> sp.			87	415	167		71	44		162		11	48	
Rusty Blackbird			195		808		19			36		5	125	40
Brewer's Blackbird			101		66									
Common Grackle	2		77	3			53		2	8		4	50	
Great-tailed Grackle							55		3500					
Brown-headed Cowbird	1	4	81	4	115		100	1		404	1	6	100	7
blackbird sp.			220		275				10000					
Purple Finch							5	1		13		10	20	
House Finch	110	48	10	61	43	82	88	15	86	161	15	58	62	1
Pine Siskin	1					16	5			3		5	1	
Lesser Goldfinch														
American Goldfinch	55		103	65	61	84	210	38	24	515	9	224	251	88
House Sparrow	253	250	17	90	129	502	433	129	275	236	65	66	125	9
Total	12800	37749	136485	11787	11766	34393	48016	3513	529476	50159	5226	16048	34318	8871
Species	59	40	86	73	77	48	90	54	49	85	56	72	76	58

2009-10-KOS CBC Table Species	Quivira	Red Hills	Salina	Sawyer	Scott Lake	Seneca	Slate Creek Oxford	SE KS Mine Lands	Udall Winfield	Ulysses	Wakefield	Webster Reservoir	Wichita	Wilson Lake
Greater White-fronted Goose	49926			5127			387		12	2		1	15	49
Snow Goose, White form	25950	102	1	1308				3000	9	44	41	2	1	
Blue Form	6039						1			3				
Ross's Goose	3053			16			2						1	
Cackling Goose	5022	88	25	429	250		956		323	430	12	11	2866	66
Canada Goose	19234	4251	1644	13720	413		2168	7	3877	1510	685	4550	18896	7668
Trumpeter Swan														
Tundra Swan				4										
Wood Duck		2		2					1				39	
Gadwall	12	43			3		60		91			35	249	14
American Wigeon	2	6	1				39		28	24		2	31	1
American Black Duck														
Mallard	10762	93	96	260	340		753	5	2750	225	203	3550	2375	1391
Blue-winged Teal														
Northern Shoveler	17			1			2		2				219	
Northern Pintail	64			13			1		2	4		2	9	
Green-winged Teal	9	6					12		15	30		2	223	7
Canvasback	3						9						154	2
Redhead							12		6	1		2	101	4
Ring-necked Duck	5	2	12	1			29			1		12	336	
Greater Scaup													21	
Lesser Scaup	24								16			1	1461	1
Bufflehead	2		1						22			4	190	4
Common Goldeneye	100		8	6			25		1014	8	150	70	396	850
Barrow's Goldeneye													2	
Hooded Merganser	4						2		19		12	1	150	18
Common Merganser	6			2	2		35		1300		7500	60	89	4200
Red-breasted Merganser				1					15		1		2	
Ruddy Duck	1											3	97	
duck sp.		50	1											
Ring-necked Pheasant	47	2	32		14	11	14		4	39	1	29		38
Greater Prairie-Chicken			49									17		63
Lesser Prairie-Chicken														
Wild Turkey	194	31	131	8	281	4	12		8		106	352	46	15
Northern Bobwhite	62	25	74	8		12	38	13	22	10	16	3	cw	4
Pied-billed Grebe		1							5				12	26
Horned Grebe														
American White Pelican				cw										
Double-crested Cormorant	cw								9				15	
Great Blue Heron	18	1	2	11			11	3	18			5	48	2
Black-crowned Night-Heron	cw													
Bald Eagle	48	2		cw			26	2	12		9	9	32	9
Northern Harrier	119	22	25	45	28		120	14	56	67	23	44	3	47
Sharp-shinned Hawk	7	1	2	2			4	2	6	2	4	1	3	2
Cooper's Hawk	3	1	2	2	2		8	2	3	2		3	3	2
Northern Goshawk												1		
<i>Accipiter</i> sp.														
Red-shouldered Hawk		1					2	4	1					
Red-tailed Hawk	118	45	88	46	30	9	504	98	313	61	55	120	109	120
Harlan's	2	1	2				13		9		3	1	1	1
Krider's											1			
Ferruginous Hawk	CW				3		1			3		1		
Rough-legged Hawk	15		3	3	11	1		2		19		17	1	6
<i>Buteo</i> sp.			14					5						
Golden Eagle														
eagle species														
American Kestrel	22	17	26	23	8	1	42	15	52	6	7	13	15	48
Merlin	3	2	cw	1	1		1		1		1	2	2	2
Prairie Falcon		1	cw	2	5		2	1	2	2		1	1	6
<i>Falco</i> sp.			1											
Virginia Rail	1						1							3
American Coot	1		1	1			10		2			5	114	116
Sandhill Crane	53	8050												
Killdeer		1					3						5	
Greater Yellowlegs													2	
Wilson's Snipe	1	1		1	2								13	
Bonaparte's Gull											77			
Ring-billed Gull	1	1					8		25		334		694	53
California Gull									1		1			
Herring Gull									15		50		21	34
Glaucous Gull														
gull sp.							1							
Rock Pigeon	CW	4	1625	121	20			8	153	360	17	96	1706	7
Eurasian Collared-Dove		43	29	87	976		4	7	34	294	6	52	55	64
White-winged Dove				cw										
Mourning Dove		239	52	29	1	2	139	30	106	59	13		156	
Ringed Turtle-Dove														
Inca Dove														
Barn Owl	1						1		1	1	2			2
Eastern Screech-Owl	3	2		2	1		6		5			14	3	16
Great Horned Owl	12	1	1	6	8		24		15	9	1	3	5	6
Barred Owl		4		2			8	2	16		3		3	
Long-eared Owl							1					1		1
Short-eared Owl			cw				5							
Northern Saw-whet Owl						1								
Belted Kingfisher	CW	5	1	16		1	1	2	5			2	8	4
Red-headed Woodpecker		20	1				1	11	3					
Red-bellied Woodpecker	25	2	23	31	3	17	38	33	59	1	30	26	25	20
Williamson's Sapsucker														1
Yellow-bellied Sapsucker	1		1	1		1			8		6		2	
Ladder-backed Woodpecker														
Downy Woodpecker	20	17	22	29	14	10	23	10	43	3	25	19	65	33
Hairy Woodpecker	8	6	5	9	6	3	3	2	4	6	3	5	7	6

2009-10-KOS CBC Table Species	Quivira	Red Hills	Salina	Sawyer	Scott Lake	Seneca	Slate Creek Oxford	SE KS Mine Lands	Udall Winfield	Ulysses	Wakefield	Webster Reservoir	Wichita	Wilson Lake
Northern Flicker	42	25	22	12	27	6	20	57	22	7	39	19	22	35
Yellow-shafted	49	12	7	16			26	2	18	11	14	7	20	3
Red-shafted	18	6	1	35			4		7	9	1		1	15
Pileated Woodpecker			7				3	6	2					
woodpecker sp.				1										
Eastern Phoebe														
Loggerhead Shrike	4						2	2	3	1				2
Northern Shrike	1	1									1	1	2	2
Blue Jay	1	4	31	8		14	42	44	87	2	72	2	81	6
Western Scrub-Jay										1				
Black-billed Magpie			cw		1					5		4		
American Crow	21	3910	51	183		19	340	80	359	11	601	12	40000	38
Horned Lark	865	389	8531	1129	2351	59	1513	550	312	2863	142	7250	166	755
Carolina Chickadee		36		10			84	17	85					
Black-capped Chickadee	1		14	27		13	1		15		40	2	105	11
Tufted Titmouse	2	6	2	20		7	27	9	35		13		17	
Red-breasted Nuthatch				2		2			1			1	cw	1
White-breasted Nuthatch	12	5	5	35	10	6	10	1	15	5	17	14	2	10
Brown Creeper	1	2		3			3	1	3		2	4	12	2
Rock Wren									1					1
Carolina Wren	2	16	4	33	1	4	24	13	49		17	4	51	
Bewick's Wren		4							2		1		1	
Winter Wren	1	3		1		2		1	4		1	1	9	
Marsh Wren	CW			2	2		2							2
Golden-crowned Kinglet	4	3		12		1	12	2	15		8	2	23	
Ruby-crowned Kinglet	1		1	4					6				8	
Eastern Bluebird	144	94	70	90	24	7	32	14	85		100	11	cw	87
Mountain Bluebird	71	254								14		32		43
Townsend's Solitaire					7						1			
Hermit Thrush									1		2	1		
American Robin	142	617	30	1686	53	3	21	4	293	136	259	650	105	45
Gray Catbird														
Northern Mockingbird	2	1	2		1		5	30	22		5		1	1
Brown Thrasher		1					1		1					1
European Starling	309	136	2471	1273	614	13	2241	2673	22256	219	319	750	2750	1790
American Pipit							1	4						
Bohemian Waxwing														
Cedar Waxwing	18	197	40	292	14	1	9		1	15	26	6	15	3
Orange-crowned Warbler													2	
Yellow-rumped (Myrtle) Warbler	35	64	6	16			19	3	61		45	1	100	128
Pine Warbler														
Palm Warbler				1										
Spotted Towhee	1	19	4	5	4		1		3		2	8	9	5
Eastern Towhee											3			
Canyon Towhee														
American Tree Sparrow	1643	323	1079	523	16	76	125	68	499	93	1074	870	291	610
Chipping Sparrow									1					
Field Sparrow	5	11					2	12	13				4	
Savannah Sparrow	2	1					12	45	6				2	
LeConte's							1						1	
Fox Sparrow	7	17	1	1			5	11	5	14	7	2	8	8
Song Sparrow	50	63	3	30	16	8	52	62	132		63	24	70	13
Lincoln's Sparrow	2						1		3		1		4	
Swamp Sparrow	5	1		1		1	2	4					1	
White-throated Sparrow		6		16		2	3	40	8		7		39	
Harris's Sparrow	204	562	361	308	25	23	735	41	1506	2	207	125	403	149
White-crowned Sparrow	3	17	7	19	7		138	198	171	147	15	22	3	4
Dark-eyed Junco	331			443	198	50	26	273	484	62		310	389	335
Slate-colored	198	1685	651				498		493	24	681	95	666	60
Oregon	12	15	2	3			13		48	10	2	12	13	18
Pink-sided		1		1						4			4	
White-winged							1						1	
sparrow sp.			68											
McCown's Longspur														
Lapland Longspur	420	604		547	3905		1431	60	45	53	245	2650	5	5013
Smith's Longspur														
Chestnut-collared Longspur														
longspur sp.														
Snow Bunting														
Northern Cardinal	38	79	90	50	16	18	124	329	230		116	28	183	46
Yellow-headed Blackbird												1		
Red-winged Blackbird	17682	435	7355	3804	23	2	1022798	1067	15643	384	2838	3825	469	602
Eastern Meadowlark	9	13		13			6		10					
Western Meadowlark	5	3		251	10	31	2		4	644		120		84
<i>Sturnella</i> sp.	127	264	535	783			1185	530	728		96	170	50	190
Rusty Blackbird	9	14		90			20	69	793	1		16		
Brewer's Blackbird	364	695		350			302	116	930			270		412
Common Grackle	cw		1				17	14	536	15		1	6	6
Great-tailed Grackle	1		101							12			1237	
Brown-headed Cowbird	16	1	300	410			11312	109	5956	18	4	44	5	323
blackbird sp.	500000		34147						1000					
Purple Finch		2							1				1	
House Finch	2	91	69	99	102	1	1		59	56	22	115	188	67
Pine Siskin		3	3	cw	7				cw			20	1	
Lesser Goldfinch		1												
American Goldfinch	192	171	103	105	35	4	165	18	507	4	486	45	252	90
House Sparrow	61	111	668	229	627	80	30	59	312	505	60	140	256	560
Total	644155	24186	60844	34348	10518	526	1049017	9917	64404	8573	17053	26837	79148	26608
Species	87	84	61	80	50	40	94	63	100	56	69	63	97	81

2009-10-KOS CBC Table Species	Yoder	Totals
Greater White-fronted Goose		57144
Snow Goose, White form		174710
Blue Form		6771
Ross's Goose		3116
Cackling Goose		22157
Canada Goose	189	218652
Trumpeter Swan		5
Tundra Swan		4
Wood Duck		71
Gadwall		979
American Wigeon		3850
American Black Duck		1
Mallard	17	51394
Blue-winged Teal		16
Northern Shoveler		437
Northern Pintail		197
Green-winged Teal		765
Canvasback	32	245
Redhead		169
Ring-necked Duck		541
Greater Scaup		21
Lesser Scaup		1546
Bufflehead		285
Common Goldeneye		6372
Barrow's Goldeneye		2
Hooded Merganser		516
Common Merganser	10	16106
Red-breasted Merganser		21
Ruddy Duck		110
duck sp.		51
Ring-necked Pheasant	6	671
Greater Prairie-Chicken		447
Lesser Prairie-Chicken		4
Wild Turkey		2642
Northern Bobwhite		803
Pied-billed Grebe		65
Horned Grebe		cw
American White Pelican		12
Double-crested Cormorant		105
Great Blue Heron	5	266
Black-crowned Night-Heron		cw
Bald Eagle		653
Northern Harrier	68	1394
Sharp-shinned Hawk	1	91
Cooper's Hawk		81
Northern Goshawk		1
<i>Accipiter</i> sp.		1
Red-shouldered Hawk		26
Red-tailed Hawk	57	3476
Harlan's		75
Krider's		6
Ferruginous Hawk		33
Rough-legged Hawk		216
<i>Buteo</i> sp.	1	48
Golden Eagle		5
eagle species		1
American Kestrel	12	562
Merlin		25
Prairie Falcon		48
<i>Falco</i> sp.		2
Virginia Rail		5
American Coot		399
Sandhill Crane		8103
Killdeer		16
Greater Yellowlegs		2
Wilson's Snipe		18
Bonaparte's Gull		80
Ring-billed Gull	18	3016
California Gull		3
Herring Gull		213
Glaucous Gull		3
gull sp.		52
Rock Pigeon	78	9240
Eurasian Collared-Dove	12	4067
White-winged Dove		48
Mourning Dove	2	1641
Ringed Turtle-Dove		4
Inca Dove		11
Barn Owl		25
Eastern Screech-Owl		74
Great Horned Owl	2	172
Barred Owl		104
Long-eared Owl		5
Short-eared Owl		25
Northern Saw-whet Owl		1
Belted Kingfisher	1	96
Red-headed Woodpecker		151
Red-bellied Woodpecker	23	1100
Williamson's Sapsucker		1
Yellow-bellied Sapsucker		86
Ladder-backed Woodpecker		3
Downy Woodpecker	11	901
Hairy Woodpecker	1	166

2009-10-KOS CBC Table Species	Yoder	Totals
Northern Flicker	41	861
Yellow-shafted	4	728
Red-shafted		159
Pileated Woodpecker		31
woodpecker sp.		7
Eastern Phoebe		3
Loggerhead Shrike		39
Northern Shrike		13
Blue Jay	8	1873
Western Scrub-Jay		1
Black-billed Magpie		36
American Crow	28	66016
Horned Lark	3583	51878
Carolina Chickadee		309
Black-capped Chickadee	78	1679
Tufted Titmouse	10	870
Red-breasted Nuthatch	1	19
White-breasted Nuthatch		524
Brown Creeper		87
Rock Wren		2
Carolina Wren	3	530
Bewick's Wren		14
Winter Wren		47
Marsh Wren		13
Golden-crowned Kinglet		146
Ruby-crowned Kinglet		34
Eastern Bluebird	14	2549
Mountain Bluebird		472
Townsend's Solitaire		13
Hermit Thrush		17
American Robin	98	18535
Gray Catbird		2
Northern Mockingbird	1	185
Brown Thrasher		12
European Starling	928	597988
American Pipit		8
Bohemian Waxwing		1
Cedar Waxwing		1616
Orange-crowned Warbler		13
Yellow-rumped (Myrtle) Warbler	10	909
Pine Warbler		1
Palm Warbler		1
Spotted Towhee	1	95
Eastern Towhee		12
Canyon Towhee		1
American Tree Sparrow	169	16571
Chipping Sparrow		1
Field Sparrow	2	74
Savannah Sparrow		238
LeConte's		4
Fox Sparrow		138
Song Sparrow	4	1351
Lincoln's Sparrow		28
Swamp Sparrow		77
White-throated Sparrow		338
Harris's Sparrow	339	9043
White-crowned Sparrow	8	1760
Dark-eyed Junco	292	9258
Slate-colored		15821
Oregon		270
Pink-sided		14
White-winged		2
sparrow sp.		93
McCown's Longspur		4
Lapland Longspur		81406
Smith's Longspur		2
Chestnut-collared Longspur		5
longspur sp.		cw
Snow Bunting		1
Northern Cardinal	95	4062
Yellow-headed Blackbird		1
Red-winged Blackbird	931	1219858
Eastern Meadowlark		594
Western Meadowlark		3797
<i>Sturnella</i> sp.	227	8307
Rusty Blackbird		2451
Brewer's Blackbird	200	5057
Common Grackle		1489
Great-tailed Grackle		7328
Brown-headed Cowbird	4	22634
blackbird sp.	50	582425
Purple Finch		56
House Finch	24	2439
Pine Siskin		89
Lesser Goldfinch		1
American Goldfinch	33	4731
House Sparrow	138	8171
Total	7870	3366182
Species	47	158