

Kansas Ornithological Society

BULLETIN

PUBLISHED QUARTERLY

Vol. 60

March, 2009

No. 1

THE WINTER BIRD COUNT FOR 2008

Eugene A. Young¹, Max C. Thompson², and Elizabeth Agpalo¹

The winter bird count for Kansas this year may be one of the most interesting CBC count periods ever. The 52 counts completed is the average for the decade thus far (decade averages unless otherwise noted are since 2000), and up from 45 the past two years. The 531 participants is an increase of 81 from last year, but below the decade average of 565. Manhattan had the most participants with 54 followed by Lawrence with 30, Oskaloosa/Perry and Topeka with 26, and Wichita had 21. Each count averaged slightly more than 10 participants, and 29 counts (56%) had fewer than 10. Participants totaled 1,495.3 party hours (29.3 average per count) and 12,725.6 party miles, an average of 250 miles per count (doesn't include one count that omitted data). There were an additional 444.15 miles owling with an average of 8.7 miles per count (one count omitted).

Overall mild weather conditions likely contributed to the increase in both the number of counts and participants. Only three counts (6%) were conducted while it was snowing and 12 (23%) reported snow on the ground (maximum of four inches in Wakefield). Temperatures ranged from a low of -4°F (Olsburg) to 68°F (Jetmore). The mean for all counts was 29.6°F, with a mean high of 48.5°F (Ingalls/Cimarron, Kanopolis, Yoder) and low of 5°F (Wakefield). Several counts reported reaching 60+ degrees. Three additional counts had a mean temperature

in single digits, and 25 (48%) had a mean of 32°F or above. Generally, early counts had more open water. Wind was a major force throughout the count period with an average high wind speed of 20.3 mph. Only five counts (10%) reported less than 10 mph winds, nine (17%) counts had winds of at least 30 mph.

A total of 162 species were observed, same as last year, but slightly below the 165 average since 2000. The number of species would've been



Figure 1. Blue Grosbeak (*Passerina caerulea*) photographed on 20 December 2008, Wichita Christmas Bird Count, Sedgwick County, Kansas. Photo by Michael Heaney.

higher if count week species were observed during counts (Quivira National Wildlife Refuge, QNWR, with Tundra Swan and Black-crowned Night-heron; Topeka with a Peregrine Falcon; and a Chipping Sparrow at Alma). A Caspian Tern was omitted due to insufficient details. Counts averaged about 64 species with no counts breaking the century mark. Several were in the 90's, with Arkansas City (AC) leading with 98 species followed by Slate Creek Wetlands (SCW) - 97, Wichita - 94, Lawrence - 93, and Winfield/Udall - 92. Jetmore had the fewest number of species reported with 23. The high species diversity within south-central KS was likely due to the relatively mild winter weather prior to the CBC period which allowed many species to linger. Sudden, rapidly moving cold fronts with strong northerly winds and bitter temperatures likely pushed waterfowl farther south helping species totals. Additionally, all of the high species counts were conducted during the first week of the count period.

The number of individuals recorded 5,195,152 (average 99,907/count) is below the decade average, 7,499,018. Quivira National Wildlife Refuge had the greatest number of individuals with 2,648,760, or 51% of the total for all counts. Linn County also reached the million-mark with 1,030,197 individuals, followed by 325,358 at Cheyenne Bottoms and 232,880 at AC. Jetmore had the fewest number of individuals reported with only 805. The most abundant species represented during the CBC period were Red-winged Blackbirds with 3,715,059 individuals (72% of total individuals), followed by 377,810 Snow Geese (87 % white), 297,772 Canada Geese, 198,154 White-fronted Geese, and 106,090 Mallards. Each of these species exceeded their numbers recorded last year.

There was a host of highlight species for this year's CBC, but unequivocally, the best find of the season was a Blue Grosbeak (Figure 1) initially found by Cheryl Miller (observed by several) on the Wichita count. Few records exist for this species during winter, most come from Texas and Louisiana. This inland record is quite unexpected. Another intriguing species is a Clay-colored Sparrow observed on the Webster Reservoir count. Pictures indicate a facial pattern strongly suggesting a Clay-colored as did the overall description. Salina had two rare species, a Pinyon Jay, a rare species anytime in Kansas, and a Northern Oriole (both documented with photographs). The oriole may be a Bullock's, but photographs were inconclusive. The Neotropic Cormorant in AC may be the first record for this species during a CBC period (observed with Double-crested). Two White-faced Ibis at QNWR most certainly looked out of place in frigid temperatures (photographed). The Turkey Vulture is rare in Kansas during the winter, but one was reported at Emporia. One Black-legged Kittiwake, a rare transient, was reported at Junction City.

Other rare species found with few individuals include: two Surf Scoters (Oskaloosa/Perry); one Long-tailed Duck (Topeka); three California Gulls (Manhattan); three Glaucous Gulls (one each at John Redmond, Kanopolis, and Lawrence); one Greater Roadrunner (QNWR); and one Ladder-backed Woodpecker (CNG). With the exception of last year, the Eastern Phoebe (one each at Black Wolf, Red Hills, SCW, and Topeka) has been reported every year since 2000. Is this another example of climate change allowing insectivorous birds to remain farther north? Other rare species include: one Brown Thrasher (Ulysses); nine American Pipits (one at Garden City, three at John Redmond, and five at the Red Hills); one Orange-crowned Warbler (Southeast KS Mined Land); one Pine Warbler (Wichita); one Common Yellowthroat (Linn County); one Vesper Sparrow (CNG); three LeConte's Sparrows (one each at Lawrence, Sawyer, and SCW); one White-winged Junco (Wilson Lake); four Yellow-headed Blackbirds (one at CNG, and three at QNWR); and a Common Redpoll at Lawrence.

Numbers for species of conservation concern include: 18 Trumpeter Swans (two each at John Redmond and Wichita, one at Olathe, and 13 at Topeka); 61 Greater Prairie-Chickens, the lowest number reported so far this decade (average 162); and 13 Lesser Prairie-Chickens

(average for decade 9). The 54 Loggerhead Shrikes were below the decade average (70), while the 22 Northern Shrikes were a high and may be close to an all-time high (decade average 10/yr). The 63 Black-billed Magpies is well below the decade average of 253 and marks the third year in a row with numbers less than 100. Two Chihuahuan Ravens (CNG) were reported for the first time since 2005. The 25 Scaled Quail is the second lowest total since 2000 (average 64) while the 575 Northern Bobwhite is slightly above last year's total but below the decade average of 916. A respectable 549 Bald Eagles is slightly below the decade average of 566; 44 Ferruginous Hawks is the second lowest total since 2000 (average 65); 23 Golden Eagles is the highest total since 2000 and well above the decade average of eight. The 936 Rusty Blackbirds is above the decade average of 856.

Initially the lack of frozen water allowed for decent numbers of waterbirds to remain including seven Common Loons (three each at John Redmond and Linn County, one at Wilson Lake), 192 American White Pelicans (176 at John Redmond, remaining at five additional counts); 249 Double-crested Cormorants (102 at Wichita, 91 John Redmond, 31 Lawrence, remaining at eight additional counts); 10 Virginia Rails (one each at Junction City and Scott Lake, six at QNWR, two at Wilson Lake); 7,820 Sandhill Cranes (3,120 at QNWR and 4,700 at Red Hills); 43 Franklin's Gulls (40 at Oskaloosa/Perry, three at John Redmond); and 32 Bonaparte's Gulls (26 at Wilson Lake, two each at Oskaloosa/Perry, Junction City, and Emporia). Waterfowl abundance varied compared to last year's numbers, though geese were generally more abundant (see above). Only 511 Ross's Geese were reported including one blue form observed on the SCW count. Cackling Geese numbers were high with 8,232 individuals. Less common waterfowl included 32 Blue-winged Teal (30 at Yoder and two at Wichita), 18 Greater Scaup (seven each at Baldwin and Wichita, and four at SCW), only two Red-breasted Mergansers (John Redmond and SCW), and 51 Ruddy Ducks. Only four Killdeer (one each in AC and Ulysses, two in Wichita) were observed considering the large amount of open water, this was a surprise.

Raptors were in modest numbers overall, but the Red-shouldered Hawk continues to be more common (25 compared to 14 last yr). Red-tailed Hawk numbers were up from last year (2,376, compared to 1,918) as was Harlan's Hawk (60 compared to 50). The 33 Merlins were a decrease from the previous year's 46, and Prairie Falcons increased from last year's 66 to 71. Surprisingly, Northern Goshawk or Peregrine Falcon were not reported this year.

Kansas continues to be a dove state. The 2,508 Eurasian Collared-Doves was below last year's record numbers, but is the second highest total ever reported, and well above the average since the 1997-1998 CBC (869 per/yr). Scott Lake numbers were down dramatically from the single count high of 1,032 to a mere 208 (average 259 since 1997-1998). Western Kansas is still the stronghold with Ulysses reporting the most individuals, 481 (average 144/yr since 2000) followed by Garden City with 422 (average 196/yr since 2000), and 310 at CNG (average 185/yr since 2000). The remaining doves included 1,961 Mourning, 30 White-winged (22 in Garden City, four each in Black Wolf and CNG), four Ringed-turtle (Scott Lake); and two Inca (Garden City). Rock Pigeons were slightly below last year's totals (8,137 vs. 8,216).

Asio owls were in good numbers with 24 Long-eared and 34 Short-eared, both up from last year. Red-headed Woodpeckers were high with 576 individuals, may be an all-time high. It is well above last year's 42 (lowest during decade) and the decade average of 262 per/yr. Pileated Woodpecker numbers seem to be stable with 48 (average 46).

Northern passerine numbers varied in abundance, for example, the Red-breasted Nuthatch were much reduced from last year's invasion (30 vs. 339 last yr). On the other hand five counts recorded a total of 70 Red Crossbill. Pine Siskins were abundant again with 1,464, a new high for the decade (average 582/yr). Purple Finch numbers were down from last year with only

107 reported (average 189/yr).

Wrens were well represented during the CBC period with 650 Carolina (up from last year); 17 Bewick's (up from last year); one House remained (Manhattan); 65 Winter (down from last year); and 29 Marsh (up from last year). Thrushes also were well represented with 723 Mountain Bluebirds (only 32 last yr), 2,615 Eastern Bluebirds (only 1,719 last yr); 28 Townsend's Solitaires (66 last yr); 65 Hermit Thrush's (only 38 last yr); and 23,994 American Robins (only 13,074 last yr).

Sparrows generally showed an overall increase, with the exception of longspurs which were reduced in numbers from last year, likely a result of the relatively mild weather conditions. Spotted Towhee (181) as usual outnumbered the Eastern Towhee (12) by a large margin indicating how rare the Eastern is in Kansas during the winter. Savannah Sparrow's continue to be relatively common with 292 observed, which is fairly amazing considering in the 1980's you had to write up a rare bird form for this species in Kansas.

Each year National Audubon Society publishes a summary of the highest counts for individual species in the U.S. For the 108th CBC, only 21 counts were submitted to Audubon (less than half conducted). The only Lesser Prairie-Chicken was reported during count week by CNG. The CNG also had high counts for Ferruginous Hawks (24), and Horned Larks (49,250). Udall/Winfield, as usual, had the high for Harris's Sparrows (1,502), but also led the nation with Lapland Longspurs (52,956). The only other Kansas high was Scott Lake's 1,032 Eurasian Collared-Doves (Ortego, B. 2008. Summary of Highest Counts of Individuals for the United States. In The 108th Christmas Bird Count, American Birds 62:123-128).

Alma/Lake Wabaunsee. 38°56'N 96°17'W. Center as described in 1995. 25 December 2008; 7:40 a.m. to 5:15 p.m.; 25°F to 49°F. Wind SSE-SSW 3-30 mph. Snow 1 inch. Still water partly open, moving water partly open; a.m. cloudy, p.m. cloudy. One observer in 1 party. Total party-hours 9.25 (4.5 on foot, 4.75 by car). Total party-miles 103 (7 on foot, 96 by car). Total 49 species; 2,236 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. 21 December 2008; 8:00 a.m. to 5:30 p.m.; 5°F to 25°F. Wind N 5-25 mph. Still water partly open, moving water partly open; a.m. clear, p.m. clear. Thirteen observers in 5 parties. Total party-hours 36.5 (9.5 on foot, 27 by car), plus 3 hours owling. Total party-miles 299.4 (10.4 on foot, 289 by car), plus 34.7 miles owling. Total 98 species; 232,880 individuals.

Duane Anderson, Henry Armknecht, Paul Bjornen, Wallace Champeny, Kevin Groeneweg, Mike Heaney, Patty Marlett, Cheryl Miller, Dale Randall, Travis Ross, Shawn Silliman, Eddie Stegall, Eugene A. Young (compiler-1707 N 7th St., Arkansas City, KS 67005).

Baldwin. 38°47'N 95°16'W. Center as described in 1986. 14 December 2008; 8:00 a.m. to 4:30 p.m.; 56°F to 19°F. Wind S-NW 15-25 mph. Still water open, moving water open; a.m. cloudy, p.m. cloudy. Thirteen observers in 6 parties, plus 1 at feeder. Total party-hours 42 (5 on foot, 37 by car), plus 5 hours at feeders, 2 hours owling. Total party-miles 367 (7 on foot, 360 by car) plus 11 miles owling. Total 82 species; 15,414 individuals.

Jan Boyd, Roger Boyd (compiler-Biology Department, Baker University, P.O. Box 65, Baldwin City, KS 66606), John Brockway, Bill Busby, Cal Cink, Doug Fay, Patrick Fay, Sandra Johnson, Gerry Parkinson, Galen Pittman, Barbara Pressgrove, Martin Pressgrove, Gary Sanden, Phil Wedge.

Benedictine Bottoms. 39°36'N 95°08'W. Center as described in 2006. 10 January 2009; 7:30 a.m. to 2:00 p.m.; 22°F to 26°F. Wind N 6 mph. Still water frozen, moving water partly open; a.m. partly cloudy, p.m. partly cloudy. Five observers in 4 parties. Total party hours 17.5 (6.5 on foot, 11 by car). Total party-miles 160.5 (11 on foot, 149.5 by car). Total 49 species;

11,220 individuals.

John Bollin III, Dan Bowen, John Schukman, Greg Stempion, Roxana Tosterud (compiler-16021 274th Rd, Atchison, KS 66002).

Black Wolf/NW Ellsworth Co. 38°45'N 98°22'W. Center as described in 1993. 17 January 2009; 8:00 a.m. to 6:00 p.m.; 28°F to 60°F. Wind N 10-30 mph. Still water partly frozen, moving water partly frozen; a.m. clear, p.m. clear. Thirteen observers in 4 parties. Total party-hours 36 (15.5 on foot, 20.5 by car), plus 1 hour owling. Total party-miles 444 (9 on foot, 435 by car), plus 6 miles owling. Total 63 species; 11,247 individuals.

Henry Armknecht, Warren Buss, Leland Francis, Brent Galliard, David Klema, Bob Kruger, Dan Larson, Ben Nondorf, Carolyn Nondorf, Ellen Rader, Jennifer Rader, Mike Rader (compiler-P.O. Box 395, Wilson, KS 67490), Roger Schultz.

Blue Rapids. 39°40'N 96°38'W. Center as described in 2000. 3 January 2009; 7:30 a.m. to 4:00 p.m.; 39°F to 22°F. Wind N 13 mph. Still water partly open, moving water partly open; a.m. cloudy, foggy, light rain, p.m. cloudy foggy, light rain. Seven observers in 4 parties, plus 3 at feeders. Total party-hours 31 (4 on foot, 27 by car), plus 4 hours at feeders, 4.75 hours owling. Total party-miles 278.9 (4 on foot, 274.9 by car), plus 33 miles owling. Total 61 species; 16,016 individuals.

Doris Burnett, Warren Buss, Chod Hedinger, Carol Hoogheem, Irwin Hoogheem, Tom Parker (compiler-811 Gypsum St., Blue Rapids, KS 66411), Jeanette Pralle.

Bonner Springs/Lansing. 39°10'N 94°54'W. Center as described in 1995. 21 December 2008; 7:30 a.m. to 5:00 p.m.; 4°F to 13°F. Wind NW 0-20mph. Snow 1 inch. Still water partly open, moving water partly open; a.m. clear, p.m. partly cloudy. Two observers in 1 party plus one at feeders. Total party-hours 9.5 (1 on foot, 8.5 by car) plus 1 hour at feeders and 0.5 hour owling. Total party-miles 111 (1 on foot, 110 by car), plus 5 miles owling. Total 56 species; 33,512 individuals.

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

Camp Naish. 39°04'N 94°54'W. Center as described in 1982. 22 December 2008; 7:30 a.m. to 5:30 p.m.; 2°F to 26°F. Wind S 6 mph. Snow 1-2 inches. Still water frozen, moving water partly frozen; a.m. partly clear, p.m. partly clear. Six observers in 2 parties. Total party-hours 13 (12 on foot, 1 by car), plus 1 hour owling. Total party-miles 9 (8 on foot, 1 by car), plus 2 miles owling. Total 45 species; 1812 individuals.

Kyle Gerstner, Ed Hubert, Jon King, Alexis Powell, David Reber, Stan Roth (compiler-KBS, University of Kansas, Higuchi Hall, 2101 Constant Ave., Lawrence, KS 66047-3759).

Cedar Bluff. 38°47'N 99°45'W. Center as described in 1985. 11 January 2009; 7:30 a.m. to 5:30 p.m.; 26°F to 50°F. Wind W 10-15mph. Still water partly open, moving water partly open; a.m. clear, p.m. partly cloudy. Three observers in 2 parties. Total party-hours 16 (7 on foot, 9 by car). Total party-miles 144 (9 on foot, 135 by car). Total 63 species; 22,793 individuals.

Henry Armknecht, Dan LaShelle, Scott Seltman (compiler-RR1, Box 77, Larned, KS 67550).

Cheyenne Bottoms. 38°26'N 98°41'W. Center as described in 1977. 19 December 2008; 7:30 a.m. to 12:00 p.m.; 20°F to 25°F. Wind N 5-15 mph. Snow 2 inches. Still water partly open, moving water open; a.m. partly cloudy. Seven observers in 4 parties, plus 1 at feeders. Total party-hours 13.05 (1.3 on foot, 11.75 by car) plus 0.5 hour at feeders, 0.17 owling. Total party-miles 139.75 (1.75 on foot, 138 by car). Total 71 species; 325,358 individuals.

Carol Grover, Karl Grover, Helen Hands (compiler-56 NE 40 Road, Great Bend, KS 67530), Larry Hased, Rob Penner, Mike Rader, Curtis Wolf.

Cimarron National Grasslands. 37°07'N 101°52'W. Center as described in 1972. 27 December 2008; 7:45 a.m. to 6:15 p.m.; 24°F to 39°F. Wind N-S 14-5 mph. Still water partly open, moving water partly open; a.m. clear, p.m. clear. Six observers in 3-4 parties. Total party-

hours 27 (14 on foot, 13 by car). Total party-miles 280 (24 by foot, 256 by car). Total 61 species; 7,648 individuals.

T. Deininger, T. Giddens, S. Patti (compiler-552 W. Belden Ave., Chicago, IL 60614), M. Thompson, J. Vanbebber, J. Woodard.

Clark County. 37°23'N 99°54'W. Center as described in 2006. 23 December 2008; 8:00 a.m. to 5:30 p.m.; 53°F to 30°F. Wind S-N 10-20 mph. Still water partly open, moving water partly open; a.m. partly cloudy, p.m. partly cloudy, light rain. One observer in 1 party. Total party-hours 9.5 (1 on foot, 8.5 by car), plus 1 hour owling. Total party-miles 111 (1 by foot, 110 by car), plus 15 miles owling. Total 60 species; 4,220 individuals.

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

Doniphan County. 39°52'N 95°17'. Center as described in 2003. 11 January 2009; 7:00 a.m. to 4:30 p.m.; 18°F to 37°F. Wind N 10 mph. Still water frozen, moving water open; a.m. clear, p.m. clear. Five observers in 3 parties. Total party-hours 19 (1.5 on foot, 17.5 by car) plus 1 hour owling. Total party-miles 201 (0.5 on foot, 200.5 by car) plus 7 miles owling. Total 47 species; 6,812 individuals.

Donna Chance, Galen Pittman, John Schukman, Greg Stempien, Mike Stewart (compiler-1100 Wellington Drive, Leavenworth, KS 66048).

El Dorado Lake. 37°51'N 96°52'W. Center as described in 1990. 20 December 2008; 7:30 a.m. to 4:30 p.m.; 8°F to 15°F. Wind N 20 mph. Still water partly frozen, moving water partly frozen; a.m. cloudy, p.m. partly cloudy. Four observers in 1 party. Total party-hours 8 (3 on foot, 5 by car) plus 0.5 hour owling. Total party-miles 90 (3 on foot, 87 by car) plus 1 mile owling. Total 66 species; 10,594 individuals.

Henry Armknecht, Duane Anderson, Charlie Green, Bill Langley (compiler-2425 Gentry, El Dorado, KS 67042).

Emporia. 38°27'N 96°05'W. Center as described in 1985. 14 December 2008; 8:00 a.m. to 4:00 p.m.; 50°F to 30°F. Wind SW-NW 5-28 mph. Still water open, moving water open; a.m. partly cloudy, p.m. partly cloudy. Eleven observers in 6 parties. Total party-hours 31 (10 on foot, 21 by car). Total party-miles 210.5 (7 on foot, 203.5 by car). Total 71 species; 9,190 individuals.

Jenna Ferguson, Roger Ferguson, Sherry Ferguson, Bill Jensen, Jenny Halstead-Jensen, Marvin Kuehn, Paul McKnab, Jeff Prendergast, Tyleia Prendergast, Jean Schulenberg (compiler-Rte 2, Box 36, Admire, KS 66830), Kathleen Tabor.

Garden City. 37°55'N 100°47'W. Center as described in 2001. 3 January 2009; 8:00 a.m. to 6:15 p.m.; 25°F to 52°F. Wind 12-30 mph (direction not provided). Still water partly open, moving water open; a.m. partly cloudy, p.m. partly cloudy. Twelve observers in 5 parties, plus 18 at feeders. Total party-hours 28 (7 on foot, 21 by car), plus 21 hours at feeders, 0.5 hour owling. Total party-miles 206.75 (10.25 on foot, 196.5 by car). Total 58 species; 6,319 individuals.

Betty Bryant, Larry Bushman, Barbara Campbell, Bob Campbell, Cindy Elliott, Doug Floto, Carole Geir, Larry Geir, Harland Graber, Lorraine Graber, Catherine Hart, Dan LaShelle, Margaret Meyers, Steve Meyers, Kurt Osterbuhr, Marie Osterbuhr (compiler-1103 Gillespie Place, Garden City, KS 67846), Mike Ramsey, Pam Ramsey, Leonard Rich, Pat Sauer, LaDonna Sauer, Emaline Scott, Sara Shane, Tom Shane, Ray Stareck, Chuck Stone.

Halstead-Newton. 38°04'N 97°28'W. Center as described in 1970. 27 December 2008; 7:00 a.m. to 5:00 p.m.; 25°F to 29°F. Wind NW 15-20 mph. Snow 0.5 inches. Still water partly open, moving water partly open; a.m. cloudy, light snow, p.m. cloudy, light snow. Fifteen observers in 6-7 parties. Total party-hours 50 (24.75 on foot, 25.25 by car). Total party-miles 268.75 (27 on foot, 241.75 miles by car). Total 67 species; 36,151 individuals.

Bev DuGay, Tom Ewert, Gregg Friesen, Lorna Harder, Bob Hoopes, Aileen McCune,

Norman Pankratz, Dwight Platt (compiler-702 NE 24th St., Newton, KS 67114), Bob Regier, Steve Regier, Tim Regier, Carolyn Schwab, Joe Torline, Rod Wedel, Ruth White.

Hays. 38°51'N 99°27'W. Center as described in 1987. 20 December 2008; 8:00 a.m. to 5:00 p.m.; 12°F to 18°F. Wind N 15 mph. Snow 2 inches. Still water frozen, moving water partly frozen; a.m. partly cloudy, p.m. partly cloudy. Thirteen observers in 7 parties, plus 2 at feeders. Total party-hours 28 (8.5 on foot, 19.5 by car), plus 3 hours at feeders and 0.5 hour owling. Total party-miles 244 (6 on foot, 238 by car), plus 2.5 miles owling. Total 53 species; 8,163 individuals.

Andre Brisson, Earl Carlson, Sara Carrell, Greg Farley (compiler-Department of Biological Sciences, Fort Hays State University, Hays, KS 67601), Alex Galt, Justin Hamilton, Sam Mannell, Terry Mannell, Robert Nicholson, Bill Stark, Zac Stark, Jim Strine, Rich Weber.

Ingalls/Cimarron. 37°50'N 100°27'W. Center as described in 2002. 2 January 2009; 7:50 a.m. to 5:50 p.m.; 30°F to 67°F. Wind SSW 0-12 mph. Still water partly open, moving water none; a.m. partly cloudy, p.m. partly cloudy. Five observers in 3 parties. Total party-hours 20 (5.5 on foot, 14.5 by car). Total party-miles 187.5 (7.5 on foot, 180 by car). Total 49 species; 7,064 individuals.

Betty Bryant, Dan Larson, Dan LaShelle (238 SW Gage Blvd, Apt 1208, Topeka, Kansas 66606-2059), Marie Osterbuhr, Tom Shane.

Jetmore. 38°03'N 99°58'W. Center as described in 1999. 30 December 2008; 8:30 a.m. to 4:30 p.m.; 26°F to 68°F. Wind S-NW 8-20 mph. Still water partly frozen, moving water partly frozen; a.m. partly cloudy, p.m. partly cloudy. Two observers in 1 party. Total party-hours 8 (0.5 on foot, 7.5 by car). Total party-miles 124 (0.5 on foot, 123.5 by car). Total 23 species; 806 individuals.

Joyce Davis (compiler-10874 U.S. 50, Dodge City, KS 67801), Joleen Fromm.

John Redmond Reservoir. 38°27'N 95°82'W. Center as described in 1993. 20 December 2008; 7:45 a.m. to 5:00 p.m.; 23°F to 29°F. Wind NW10-35mph. Still water open, moving water open; a.m. cloudy, p.m. partly cloudy. Twelve observers in 5 parties, plus 1 at feeders. Total party-hours 27 (6.5 on foot, 20.5 by car), plus 3 hours at feeders and 2 hours owling. Total party-miles 270.5 (5.5 on foot, 265 by car), plus 6 miles owling. Total 85 species; 27,463 individuals.

Bob Culbertson (compiler-207 Cheyenne, New Strawn, KS 66839), Carol Culbertson, Matt Gearheart, Shawn Hawks, Mary Holloway, Jim Minnerath, Marty Ramirez, Jared Reed, Jacob Williams, Jerry Williams, Sue Williams, Dan Williamson, Amy Zavala.

Junction City. 39°00'N 96°53'W. Center as described in 1992. 28 December 2008; 7:30 a.m. to 5:30 p.m.; 20°F to 51°F. Wind S 0-15 mph. Still water partly open, moving water partly open; a.m. clear, p.m. clear. Nine observers in 5 parties plus 1 at feeder. Total party-hours 34.5 (6.5 hours on foot, 28 hours by car), plus 3 hours at feeders, and 2.25 hours owling. Total party-miles 295 (6 miles on foot, 289 by car), plus 50 miles owling. Total 81 species; 23,136 individuals.

Doris Burnett, Warren Buss, Tom Ewert, Gregg Friesen, Carol Hoogheem, Irwin Hoogheem, Robert Kruger, Chuck Otte (compiler-613 Tamerisk Drive, Junction City, KS 66441), Jaye Otte.

Kanopolis Reservoir. 38°37'N 97°57'W. Center as described in 1983. 18 January 2009; 7:30 a.m. to 6:00 p.m.; 35°F to 62°F. Wind NW 10-25 mph. Still water partly frozen, moving water partly open; a.m. partly cloudy, p.m. partly cloudy. Twelve observers in 5 parties. Total party-hours 29.5 (9 on foot, 20.5 by car), plus 1 hour owling. Total party-miles 311 (7 on foot, 304 by car), plus 18 miles owling. Total 73 species; 32,310 individuals.

Henry Armknecht, Glen Caspers, Dan Gish, Robert Kruger, Dan Larson, Jim Malcolm, Carol Morgan, Ellen Rader, Jennifer Rader, Mike Rader (compiler-P.O. Box 395, Wilson, KS

67490), Jethro Runco, Scott Seltman.

Lakin. 37°59'N 101°15'W. Center as described in 1994. 4 January 2009; 7:50 a.m. to 5:35 p.m.; 10°F to 29°F. Wind NNW-NE 0-25 mph. Still water frozen, moving water partly open; a.m. cloudy, p.m. cloudy. Seven observers in 3-4 parties. Total party-hours 19 (1.75 on foot, 17.25 by car), plus 0.5 hour owling. Total party-miles 227 (3 on foot, 224 by car), plus 0.25 miles owling. Total 45 species, 24,553 individuals.

Betty Bryant, Barbara Campbell, Bob Campbell, Doug Floto, 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. 20 December 2008; 7:00 a.m. to 5:30 p.m.; 24°F to 15°F. Wind NW 10-20 mph. Snow lynch. Still water partly open, moving water partly open; a.m. cloudy, p.m. partly cloudy, light snow. Thirty observers in 13 parties, plus 3 at feeders. Total party-hours 83.5 (22.5 on foot, 59 by car, 2 by ATV), plus 8.5 hours at feeders, 6.5 hours owling. Total party-miles 610.5 (21.5 on foot, 583 by car, 6 by ATV), plus 40 miles owling. Total 93 species; 40,683 individuals.

Bob Antonio, Kelly Barth, Roger Boyd, Kit Carlsen, Cathy Fullenwider, Kyle Gerstner, Lisa Grossman, Bill Hays, Ruth Herman, David Herrin, Susan Iverson, Jon King, Mick McHugh, Duane Otto, Gerry Parkinson, Galen Pittman (compiler-12042 258th St., Lawrence, KS 66044), Alexis Powell, Stan Roth, Bob Rucker, Banny Rucker, David Seibel, Dawn Sharp, Cynthia Shaw, Ed Shaw, Jon Standing, Phil Wedge, Alice Weiss, Jeff Witters, Joyce Wolf, Ron Wolf.

Leavenworth-Atchison. 39°23'N 95°00'W. Center as described in 1992. 27 December 2008; 7:30 a.m. to 4:00 p.m.; 32°F to 29°F. Wind NW 10 mph. Still water frozen, moving water partly open; a.m. cloudy, rain, p.m. cloudy. Four observers in 3 parties. Total party-hours 22 (3 on foot, 19 by car). Total party-miles 206 (2 on foot, 204 by car). Total species 59; 25,683 individuals.

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

Linn County. 38°17'N 94°45'W. Center as described in 1982. 28 December 2008; 7:00 a.m. to 5:30 p.m.; 28°F to 49°F. Wind SW 5-10 mph. Still water partly open, moving water partly frozen; a.m. clear, p.m. clear. Thirteen observers in 5 parties. Total party-hours 46 (10 on foot, 36 by car), plus 2.5 hours owling. Total party-miles 507 (10 on foot, 497 by car), plus 28 miles owling. Total 87 species; 1,030,197 individuals.

Nic Allen, Henry Armknecht, Jan Boyd, Roger Boyd (compiler-Biology Dept., Baker University, PO Box 65, Baldwin City, KS 66006), Matt Gearheart, Mike Gearheart, Dave Henness, Mark Land, Mick McHugh, Galen Pittman, Barbara Pressgrove, Martin Pressgrove, Terry Swope.

Manhattan. 39°11.4'N 96°34.82'W. Center as described in 1993. 20 December 2008; 5:00 a.m. to 5:00 p.m.; 6°F to 26°F. Wind N 25 mph. Snow 3 inches. Still water frozen, moving water open; a.m. cloudy, light snow, p.m. cloudy. Fifty-four observers in 18 parties, plus 5 at feeders. Total party-hours 91 (42 on foot, 49 by car), plus 8 hours at feeders, 0.75 hour owling. Total party-miles 486 (33 on foot, 453 by car), plus 27 miles owling. Total 83 species; 32,685 individuals.

Annie Baker, Doris Burnett, Ted Cable, Jack Cully, Brock Dale, Michael Donnelly, Kevin Fay, Clyde Ferguson, Marilena Ferguson, Carol Godburg, Patrick Gormely, Thomas Gould, Chod Hedinger, Carol Hoogheem, Irwin Hoogheem, Cindy Jeffrey, Gary Jeffrey, Tony Joern, Lowell Johnson, Richard Johnson, Paige Klug, Roma Lenehan, Brandon Magette, Ann Marchin, George Marchin, Clara Mayfield, Mark Mayfield, Eilish McCharles, Nate McCharles, Beth Montelone, Kara Northway, Jack Oviatt, Susan Oviatt, Sheena Parsons, David Rintoul (compiler-Biology Division-Ackert Hall, Kansas State University, Manhattan, KS 66506-4901), Brett

Sandercock, Leo Schell, Tom Shields, Ted Smith, Chris Smith, Gerry Snyder, Madonna Stallman, Michael Strope, Dan Swenson, Linda Swenson, Troy Tana, Antoinette Tana..

Olathe. 38°54'N 94°51'W. Center as described in 1986. 20 December 2008; 7:00 a.m. to 4:00 p.m.; 24°F to 26°F. Wind N 0-20 mph. Still water partly open, moving water partly open; a.m. cloudy, p.m. cloudy. Two observers in 2 parties. Total party-hours 12.5 (6 on foot, 6.5 by car). Total party-miles 84.5 (5.5 on foot, 79 by car). Total 47 species; 4,603 individuals.

Terry Swope, Don Weiss (compiler-12100 Cherry Lane, Olathe, KS 66061-8790).

Old Garfield. 37°59'N 101°15'W. Center as describe in 1993. 5 January 2009; 7:55 a.m. to 4:35 p.m.; 20°F-50°F. Wind S 10-30 mph. Still water frozen, moving water frozen; a.m. partly cloudy, p.m. partly cloudy. Four observers in 3 parties. Total party-hours 13.5 (2.5 on foot, 11 by car). Total party-miles 152 (4 on foot, 148 by car). Total 29 species, 8,208 individuals.

Barbara Campbell (compiler-709 W. Maple, Garden City, KS 67846), Bob Campbell, Dan LaShelle, Marie Osterbuh.

Olsburg. 39°25'N 96°39'W. Center as described in 1991. 22 December 2008; 8:00 a.m. to 4:30 p.m.; -4°F to 17°F. Wind S 0-10 mph. Snow 3 inches. Still water frozen, moving water partly frozen; a.m. partly cloudy, p.m. partly cloudy. Five observers in 2 parties, plus 1 at feeders. Total party-hours 14.5 (0.5 on foot, 14 by car), plus 4 hours at feeders. Total party-miles 134.5 (0.5 on foot, 134 by car). Total 53 species; 3,174 individuals.

Susan Adamchak, Carol Hoogheem, Erwin Hoogheem, Cindy Jeffrey, Gary Jeffrey (compiler-15850 Galilee Rd, Olsburg, KS 66520), Paul Weidhaas.

Oskaloosa/Perry Lake. 39°12.0896'N 95°24.2355'W. Center as described in 1980. 14 December 2008; 6:30 a.m. to 5:00 p.m.; 59°F to 16°F. Wind WNW 15-39 mph. Still water open, moving water open; a.m. clear, p.m. cloudy. Twenty-six observers in 10 parties. Total party hours 75.75 (10.5 on foot, 65.25 by car), plus 1 hour owling. Total party-miles 516.25 (10.75 on foot, 505.5 by car), plus 0.5 mile owling. Total 82 species; 16,033 individuals.

Audrey Alexander, Richard Bean, Joanne Brier, Glen Caspers, Pam Chaffee (compiler- 847 N. 1909 Rd., Lecompton, KS 66050), Mark Corder, Jennifer Delisle, Shirley Duikel, Dan Gish, Peter Grund, Joe Harrington, Helen Hewins, Susan Iversen, Jennifer Jones, Nancy Leo, Jim Malcom, Richard Martin, Mick McHugh, Marie Plinsky, David Seibel, Cynthia Shaw, Ed Shaw, Jon Standing, Janice Walters, Bunnie Watkins, Molly Zahn.

Parsons. 37°30'N 95°15'W. Center as described in 1996. 20 December 2008; 7:30 a.m. to 2:00 p.m.; 31°F to 33°F. Wind N 0-10 mph. Still water frozen, moving water partly open; a.m. partly cloudy, p.m. partly cloudy. Five observers in 3 parties. Total party-hours 17 (17 by car). Total party-miles 99 (99 by car). Total 64 species; 2,529 individuals.

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

Quivira National Wildlife Refuge. 38°09'N 98°29'W. Center as described in 1972. 15 December 2008; 7:00 a.m. to 5:00 p.m.; 3°F to 13°F. Wind N 10-15 mph. Still water frozen, moving water partly frozen; a.m. partly cloudy, p.m. partly cloudy. Sixteen observers in 4 parties. Total party-hours 33 (3.5 on foot, 29.5 by car), plus 1 hour owling. Total party-miles 284 (2 on foot, 282 by car), plus 10 miles owling. Total 87 species; 2,648,760 individuals.

Levi Beaver, Lorrie Beck, Ken Brunson, Wallace Champeny, Tom Ewert, Bob Gress, Kevin Groeneweg, Mary Pat Haddican, Mike Heaney, Joyce Lent, Patty Marlett, Cheryl Miller, Jay Newton, Nathan Oftshun, Mike Rader (compiler-2218 Ave. F, P.O. Box 395, Wilson, KS 67490), Mark Rogers.

Red Hills. 37°13'N 98°41'W. Center as described in 1994. 3 January 2009; 7:00 a.m. to 5:30 p.m.; 34°F to 57°F. Wind S-N 3-27 mph. Still water partly frozen, moving water open; a.m. foggy, p.m. partly cloudy. Seventeen observers in 4 parties. Total party-hours 34 (9 on foot,

25 by car), plus 2 hours owling. Total party-miles 334 (7 miles on foot, 327 by car), plus 20 miles owling. Total species 89; 13613 individuals.

Sandy Berger, Bill Busby, Carol Cumberland, Marsha Ebaugh, Kevin Groeneweg, Pete Janzen (compiler-3137 Mascot, Wichita, KS 67204-4407), William Jenson, Dan Kilby, Dan Kilby Jr., Jon King, Patty Marlett, Jane Queal, Dale Randall, Stan Roth, Eddie Stegall, Savilla Stegall, Dave Welfelt.

St. Francis. 39°43'N 101°52'W. Center as described in 1988. 13 January 2009. 8:00 a.m. to 6:00 p.m.; 26°F to 55°F. Wind WSW-WNW 0-20 mph. Still water partly open, moving water partly frozen; a.m. cloudy, p.m. cloudy. One observer in 1 party. Total party hours 9.75 (6 on foot, 3.75 by car), plus 0.5 hour owling. Total party-miles 105 (10 on foot, 95 by car), plus 0.5 mile owling. Total 35 species; 1491 individuals.

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

Salina. 38°50'N 97°38'W. Center as described in 1983. 3 January 2009; 7:30 a.m. to 5:15 p.m.; 22°F to 38°F. Wind NW 3-25 mph. Still water partly open, moving water partly frozen; a.m. cloudy, foggy, p.m. partly cloudy. Twelve observers in 4 parties, plus 3 at feeders. Total party-hours 31 (6.25 on foot, 24.75 by car), plus 3.5 hours at feeders. Total party-miles 329.25 (3.25 on foot, 326 by car). Total 58 species; 18,954 individuals.

Dennis Farres, Kat Farres, David Haight, Neva Heikes, Harold Lear (compiler-612 Max Avenue, Salina, KS 67401-6661), Shannon Rayl, Brent Roy, Mike Roy, Spencer Roy, Marge Streckfus, John Wachholz, Judy Zanardi.

Sawyer. 37°52'N 98°41'W. Center as described in 1989. 17 December 2008; 8:00 a.m. to 5:00 p.m.; 12°F to 24°F. Wind SE 5 mph. Still water frozen, moving water open; a.m. cloudy, p.m. partly cloudy. Nine observers in 5 parties, plus 2 at feeders. Total party-hours 18 (4 on foot, 14 by car), plus 0.5 hour at feeders, 0.5 hour owling. Total party-miles 142 (2 on foot, 140 by car), plus 3 miles owling. Total 75 species; 33,044 individuals.

Kevin Becker, Ken Brunson (compiler-40050 NE 10th St., Pratt, KS 67124), Lee Ann Brunson, Mike Hassler, Ande Johnson, Murray Laubhan, Mike Rader, Jack Strait, Laurie Yasui.

Scott Lake. 38°35'N 100°56'W. Center as described in 1987. 28 December 2008; 7:45 a.m. to 5:30 p.m.; 21°F to 58°F. Wind N 2 mph. Still water partly open, moving water open; a.m. partly cloudy, p.m. partly cloudy. Nine observers in 3 parties plus 1 at feeders. Total party-hours 22.5 (6 on foot, 16.5 by car), plus 2 hours at feeders. Total party-miles 159 (5 on foot, 154 by car). Total 56 species; 4,444 individuals.

David Bender, Jessica Bender, Betty Bryant, Vickey Copess, Doug Floto, Marie Osterbuh, 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. 30 December 2008; 7:20 a.m. to 5:10 p.m.; 32°F to 49°F. Wind S-NW 0-35 mph. Still water frozen, moving water partly open; a.m. clear, p.m. partly cloudy. One observer in 1 party. Total party-hours 7.75 (5.5 on foot, 2.25 by car), plus 0.5 hour owling. Total-party miles 103 (8 on foot, 95 by car), plus 0.5 mile owling. Total 46 species; 1,091 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. 17 December 2008; 8:00 a.m. to 5:30 p.m.; 18°F to 26°F. Wind N 0-10 mph. One to three inches snow on ground. Still water partly open, moving water partly open; a.m. cloudy, p.m. partly cloudy. Eleven observers in 5 parties, plus 2 at feeders. Total party-hours 38.5 (8.5 on foot, 30 by car), plus 4 hours at feeders, 2 hours owling. Total party-miles 310.5 (6 on foot, 304.5 by car), plus 19.2 miles owling. Total 97 species; 58,168 individuals.

Jeff Calhoun, Wallace Champeny, Jack Dennett, Norma Dennett, Kevin Groeneweg, Mike

Heaney, Patty Marlett, Jared Mason, Travis Ross, 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 2009; 29°F to 47°F. a.m. clear, p.m. partly cloudy. No data for wind or water conditions. Thirteen observers (number of parties data not provided). Total party-hours 30. No mileage data provided. Total 73 species; 6,006 individuals.

Mavis Benner, Mary Doud, Meagan Duffee, Cindy Ford, Steve Ford (compiler-Biology Department, Pittsburg State University, Pittsburg, KS 66763), John Hartley, Lawrence Herbert, Margaret Johnson, Delia Lister, Elizabeth Mangile, Robert Mangile, Jeff Nichols, Richard Tucker.

Syracuse. 38°00'N 101°52'W. Center as described in 1994. 10 January 2009; 7:00 a.m. to 5:00 p.m.; 16°F to 48°F. Wind NW-W 0-15 mph. Still water partly open, moving water open; a.m. mostly clear, p.m. mostly clear. Six observers in 4 parties. Total party-hours 18.75 (4.25 on foot, 14.5 by car), plus 1 hour owling. Total party-miles 258 (6 on foot, 252 by car), plus 15 miles owling. Total 54 species; 39,332 individuals.

Betty Bryant, Doug Floto, Dan LaShelle, Art Nonhof (compiler-7560 Lindsay Drive, Holcomb KS 67851), Marie Osterbuhr, Tom Shane.

Topeka. 39°02'N 95°40'W. Center as described in 1972. 20 December 2008; 6:30 a.m. to 5:30 p.m.; 4°F to 26°F. Wind N 10-15 mph. Snow 0.5 inches. Still water partly frozen, moving water open; a.m. clear, p.m. clear. Twenty-six observers in 12 parties, plus 3 at feeders. Total party-hours 72 (13 on foot, 59 by car), plus 5 hours at feeders. Total party-miles 521 (20 on foot, 501 by car). Total 84 species; 41,432 individuals.

Judy Billings, Sandy Bohnsack, Jim Brier, Joanne Brier, Diana Busey, Glen Caspers, Evelyn Davis, Denise Eulert, Richard Field, Jeff Hansen, Ralph Hoover, Jennifer Jones, Joanna Lacousiere, Dan Larson, Bob Lawson, James Malcom (compiler—310 Kellogg, Auburn, KS 66402), Richard Martin, Robert McElroy, Debby McKee, Sarah Merrill, Carol Morgan, Larry Peters, Rhonda Simpson, Karen Slimmer, Janeen Walters, Paul Willis.

Udall/Winfield. 37°16'N 96°59'W. Center as described in 1972. 14 December 2008; 8:00 a.m. to 5:00 p.m.; 58°F to 23°F. Wind S to NNW 25 mph. Still water open, moving water open; a.m. cloudy, p.m. partly cloudy. Ten observers in 5 parties, plus 1 at feeders. Total party-hours 40 (4 on foot, 36 by car), plus 2 hours at feeders, 1 hour owling. Total party-miles 428 (4.75 on foot, 423.25 by car), plus 24 miles owling. Total 92 species; 71,923 individuals.

Bette Anderson, Duane Anderson, Terry Barnett, Wallace Champeny, Kevin Groeneweg, Jared Mason, 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 2009; 8:00 a.m. to 5:00 p.m.; 22°F to 54°F. Wind NNE 8 mph. Still water open; moving water partly frozen; a.m. clear, p.m. clear. Ten observers in 5 parties, plus 2 at feeders. Total party-hours 32.25 (6.75 on foot, 25.5 by car), plus 0.5 hour at feeders. Total party-miles 344 (12.5 on foot, 331.5 by car), Total 47 species 8,868 individuals.

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

Waconda Lake. 39°28'N 98°22'W. Center as described in 1992. 30 December 2008; 7:00 a.m. to 5:30 p.m.; 24°F to 55°F. Wind WNW 3-24 mph. Still water partly open, moving water partly open; a.m. clear, p.m. clear. Six observers in 5 parties. Total party-hours 25.5 (5 on foot, 20.5 by car), plus 1 hour owling. Total party-miles 280 (3 on foot, 277 by car), plus 11 miles owling. Total 66 species; 60,311 individuals.

Henry Armknecht, Doris Burnett, Warren Buss, Dan Larson, Chuck Otte, Mike Rader (compiler-P.O. Box 395, Wilson, KS 67490), Scott Seltman.

Wakefield. 39°13'N 96°58'W. Center as described in 1992. 21 December 2008; 7:30 a.m. to 4:00 p.m.; -3°F to 13°F. Wind N-NW 5-27 mph. Snow 4 inches. Still water partly open, moving water partly open; a.m. clear, p.m. clear. Six observers in 3 parties, plus 1 at feeders. Total party-hours 21.5 (1 on foot, 20.5 by car), plus 2 hours at feeders, 1.5 hours owling. Total party-miles 203.5 (1 on foot, 202.5 by car), plus 38 miles owling. Total 54 species; 6,871 individuals.

Doris Burnett, Chod Hedinger, Carol Hoogheem, Irwin Hoogheem, Robert Kruger, Chuck Otte (compiler-613 Tamerisk, Junction City, KS 66441).

Webster Reservoir. 39°25'N 99°24'W. Center as described in 1992. 5 January 2009; 8:00 a.m. to 4:30 p.m.; 23°F to 41°F. Wind S 10-25 mph. Still water partly frozen, moving water partly open; a.m. clear, p.m. clear. Three observers in 1 party. Total party-hours 8.5 (data not broken down). Total party-miles 87 (data not broken down). Total 63 species; 24,119 individuals.

Jennifer Rader, Mike Rader (compiler-P.O. Box 395, Wilson, KS 67490), Scott Seltman.

Wichita. 37°41'N 97°21'W. Center as described in 1955. 20 December 2008; 7:30 a.m. to 5:30 p.m.; 17°F to 27°F. Wind NNW 15-29 mph. Still water partly open, moving water partly frozen; a.m. cloudy, p.m. partly cloudy. Twenty-one observers in 7 parties, plus 4 at feeders. Total party-hours 56 (27 on foot, 29 by car), plus 9.5 hours at feeders and 3 hours owling. Total party-miles 384.5 (22.5 on foot, 362 by car), plus 26 miles owling. Total 94 species; 90,724 individuals.

Jeff Calhoun, Wallace Champeny, Beverly Dugay, Tom Ewert, Harry Gregory, Bob Gress, Paul Griffin, Kevin Groeneweg (compiler-2603 S. Capri Ln, Wichita, KS 67210), Mike Heaney, Bob Hoopes, Pete Janzen, Catherine Lewis, Patty Marlett, Cheryl Miller, Nathan Ofsthun, Mike Pearce, Dale Randall, Ben Rogers, Eddie Stegall, Curt Vanboening, Art Weigand.

Wilson Lake. 38°56'N 98°34'W. Center as described in 1994. 14 December 2008; 7:00 a.m. to 5:00 p.m.; 8°F to 22°F. Wind N 20-40 mph. Still water partly frozen, moving water partly frozen; a.m. cloudy, p.m. cloudy, light snow. Eight observers in 4 parties. Total party-hours 30 (5 on foot, 25 by car). Total party-miles 260 (3 on foot, 257 by car). Total 78 species; 17,337 individuals.

Henry Armknecht, Tom Ewert, Dave Klema, Bob Kruger, 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. 13 December 2008; 8:00 a.m. to 12:00 a.m.; 43°F to 54°F. Wind S 25-40 mph. Still water open, moving water open; a.m. partly cloudy, p.m. partly cloudy. Nineteen observers in 8 parties. Total party-hours 28.5 (4.5 on foot, 24 by car). Total party-miles 313.5 (6.5 on foot, 307 by car.) Total 57 species; 7,952 individuals.

Henry Armknecht, Levi Beaver, Lora Beaver, Mary Clark (compiler-Dillon Nature Center, 3002 E 30th, Hutchinson, KS 67502), Dan Dyck, Jennifer Dyck, Linda Dyck, Garrett Ediger, Tom Ewert, Estelle Headings, Phil Headings, Steven Kinser, Tim Kline, Dwight Miller, Jay Miller, Verna Miller, Sarah Parsons, Mark Rogers, Jim Smith.

¹*Biology Department, Northern Oklahoma College, 1220 E. Grand, PO Box 310, Tonkawa, OK 74653-0310 (Eugene.Young@north-ok.edu).*

²*Biology Department, Southwestern College, 100 College St., Winfield, KS 67156 (maxt@cox.net).*

2008-09-KOS CBC Table Species	Alma	Arkansas City	Baldwin	Benedictine Bottoms	Black Wolf	Blue Rapids	Bonner Springs	Camp Naish	Cedar Bluff	Cheyenne Bottoms	Cimarron Natl. Grassld	Clark County	Doniphan County	El Dorado Lake
Greater White-fronted Goose	cw	33							27	108370				40
Snow Goose, White form	cw	13	1	4500			2000	380	500	101232			5000	1
Blue Form		2	2	1600					40					
Ross's Goose		2					3		20	20				
Blue Form														
Cackling Goose	150	1454	23	153	6	3	500		150	30	3	5		20
Canada Goose	642	3525	2074	2836	310	349	25000	195	3500	106989	94	350	110	1096
goose sp.														
Trumpeter Swan														
Tundra Swan														
Wood Duck		1								8				3
Gadwall	5	182	71					12		2	2	10		18
American Wigeon		6							200	16	1	12		
Mallard	411	840	379	120	5	211	5000	2	13500	6070	18	1000		104
Blue-winged Teal														
Northern Shoveler		36					2			6				1
Northern Pintail		1	1						5	14		10		
Green-winged Teal		15	20							4				4
Canvasback		2												
Redhead		10	25											
Ring-necked Duck	21	130	97	25		1	15							1
Greater Scaup			7											
Lesser Scaup		12	14					2						
Surf Scoter														
Bufflehead		1	18					8						
Long-tailed Duck									1					
Common Goldeneye	13	27	18	12		2	100		150	23		46	14	4
Hooded Merganser	cw	6	6				10		8					8
Common Merganser	1	12	1				100	8	30	14		40	24	
Red-breasted Merganser	cw										cw			
Ruddy Duck			1											
duck sp.														
Ring-necked Pheasant		18			45	2			5	13	47	29	2	
Greater Prairie-Chicken	cw				12	35								
Lesser Prairie-Chicken											13			
Wild Turkey	42	73	37	10	375	35	35	23	5	161	50		28	
Scaled Quail											25			
Northern Bobwhite	10				30	47			14		12	10		
Common Loon														
Pied-billed Grebe		3												
American White Pelican		1								4		1		
Neotropic Cormorant		1												
Double-crested Cormorant		2	4							1				
Black-crowned Night-Heron														
Great Blue Heron	cw	15	3			1	1	4		13	2	4		3
White-faced Ibis														
Turkey Vulture														
Bald Eagle	2	27	1	29		4	3	2	27	17		3	5	6
Northern Harrier	2	12	9	1	56	11	2		40	60	24	12		32
Sharp-shinned Hawk	1	3			1	2	1	1		3	3			
Cooper's Hawk		2	1		2	1	1		2	2	2		1	
Accipiter sp.		1												
Red-shouldered Hawk		5												
Red-tailed Hawk	6	89	55	13	128	25	6	6	33	36	15	8	43	27
Harlan's	cw	2	2		1				1	1	1			
Ferruginous Hawk											16	1		
Rough-legged Hawk	cw	1	1		5				6	6	5	6		10
Buteo sp.		1								1				
Golden Eagle									1			3		
American Kestrel	2	15	17	4	45	3			24	7	10	11	12	1
Merlin		1			1				1		2			
Peregrine Falcon														
Prairie Falcon		2	1	1	1				2	1	2	4		
Falco sp.														
Virginia Rail														
American Coot		2					2			8	1	9		1
Sandhill Crane														
Killdeer		1												
Wilson's Snipe														2
Black-legged Kittiwake														
Franklin's Gull														
Bonaparte's Gull														
Ring-billed Gull	cw	60	19						12	2		1		28
California Gull														
Herring Gull	1		1							2				1
Glaucous Gull														
gull sp.														
Rock Pigeon	cw	442	46	161	84	19	8	6	7	75	273	30	6	20
Eurasian Collared-Dove		36			28				1	47	310	80	14	2
White-winged Dove					4						4			
Mourning Dove	cw	36	81	43	5	15	18	27		2	83	1	2	1
Ringed Turtle-Dove														
Inca Dove														
Greater Roadrunner														
Barn Owl														
Eastern Screech-Owl		5	4		7	1		3	4	4				2
Great Horned Owl		10	3		12	6	1		10	7	7	2	1	
Barred Owl	cw	17	4		3	10		3				1		2
Long-eared Owl		3			cw				13					
Short-eared Owl					17				1	2		2		
Belted Kingfisher	cw	1			4	1			1	1		1	1	3
Red-headed Woodpecker	7		25										4	1
Red-bellied Woodpecker	14	56	49	12	21	31	4	28	3	6		5	26	3
Yellow-bellied Sapsucker	3	19	10	3	3			6					1	4

2008-09-KOS CBC Table Species	Alma	Arkansas City	Baldwin	Benedictine Bottoms	Black Wolf	Blue Rapids	Bonner Springs	Camp Naish	Cedar Bluff	Cheyenne Bottoms	Cimarron Natl. Grassld	Clark County	Doniphan County	El Dorado Lake
Ladder-backed Woodpecker											1			
Downy Woodpecker	3	35	34	7	26	21	2	25	11	5	2	3	19	7
Hairy Woodpecker	6	12	10		6	4		3	2	3	1	1	3	1
Northern Flicker		13	12		21	52		15	10	19	12	7	7	3
Yellow-shafted	12	51	39	10	41	43	3					2	15	7
Red-shafted	1	1			12	12			8			1		1
Pileated Woodpecker		6	1	1				3					3	1
Eastern Phoebe					1									
Loggerhead Shrike		1	1		4	1					4	1		
Northern Shrike					2					2	1			
Blue Jay	24	129	105	18	5	78	12	43	3	4	cw		29	11
Pinyon Jay														
Black-billed Magpie					2				5		17			
American Crow	44	323	234	54	52	10181	20		3	1		11	134	34
Chihuahuan Raven											2			
Horned Lark	127	779	514	6	775	211	6	3	305	91	921	240	179	6
Carolina Chickadee		138										2		
Black-capped Chickadee	17		99	14	52	36	7	39	1				22	14
Tufted Titmouse	9	43	33	8		14	6	97					13	
Red-breasted Nuthatch					1	1					1			
White-breasted Nuthatch	5	25	21	10	42	19	2	30	1	2		4	17	3
Brown Creeper	cw	5	10	4	7	3		3		2			1	2
Carolina Wren	11	41	42	4	13	14	1	38	1	4		2	10	8
Bewick's Wren	cw	3				2						2		
House Wren														
Winter Wren	2	9	1		4	1		3					2	2
Marsh Wren														
Golden-crowned Kinglet	2	5	7	1	1			19			2			3
Ruby-crowned Kinglet		24	2	1	3					1		2		1
Eastern Bluebird	21	135	175	27	56	115	14	27	4	7	11	4	58	11
Mountain Bluebird									7					
Townsend's Solitaire									4		1	1		
Hermit Thrush		13	1	1				4						
American Robin	28	1882	994	63	135	462	70	192	12	9	28	10	4	361
Northern Mockingbird		23	12	1		1	1	2					1	1
Brown Thrasher														
European Starling	7	1915	859	739	505	434	170	20	202	249	731	620	70	3000
American Pipit														
Cedar Waxwing	52	98	552	15	cw	413	35	95			1		14	
Orange-crowned Warbler														
Yellow-rumped (Myrtle) Warbler	2	61	61				6	27			1			
Pine Warbler														
Common Yellowthroat														
Spotted Towhee		21				1	13		4	3	1	3		1
Eastern Towhee														
American Tree Sparrow	220	255	236	152	940	892	65	61	345	470	435	60	123	225
Field Sparrow	1	9	1							3		1		
Chipping Sparrow	cw													
Clay-colored Sparrow														
Vesper Sparrow											1			
Savannah Sparrow		5	1							2	3			
LeConte's														
Fox Sparrow	1	10	1			1			3					
Song Sparrow	6	26	18	3	9	11	4	76	16	9	35	4	5	
Lincoln's Sparrow	1	5	1											
Swamp Sparrow			7	2		1		3	1					
White-throated Sparrow		26	6	1			4	14						
Harris's Sparrow	22	904	59	15	356	706	2		33	57		1	5	97
White-crowned Sparrow	cw	143	28		4	17	1		4	36	363	6		22
Dark-eyed Junco		890	849	134	123			146	440	83	297		11	148
Slate-colored	198	432	319	240	90	669	80					140	94	
Oregon	1	15	4									8		
White-winged														
sparrow sp.				7										
McCown's Longspur											9			
Lapland Longspur		31	828		1275	46			2230	11	1208	110	6	
Smith's Longspur														3
Chestnut-collared Longspur											4			
longspur sp.		200												
Northern Cardinal	20	241	173	52	58	136	36	43	10	22		3	47	45
Blue Grosbeak														
Yellow-headed Blackbird											1			
Red-winged Blackbird	35	214900	5304	2	4500	171	25		150	229	1540	800	403	5000
Eastern Meadowlark	3	32	58				3						1	
Western Meadowlark		1	40		136				455		682	200	133	
<i>Sturnella</i> sp.		647	80	18	230	178				424			10	36
Rusty Blackbird	cw	28			7		20							
Brewer's Blackbird		233			211					2		150		
Common Grackle		13	11	1			30			1				6
Great-tailed Grackle			140											34
Brown-headed Cowbird		95	2		1	1	20			9	1	100		1
blackbird sp.		211				39								
Northern Oriole			18	4			2							2
Purple Finch			14	24	120	1	1	1		28	144	4		2
House Finch	6	17												
Red Crossbill														
Pine Siskin	3	28	7		9	10		13			51			2
American Goldfinch	11	247	134	31	80	134	10	58	28	20	55		3	36
Common Redpoll														
House Sparrow	2	173	125	27	120	50	20	15	150	270	56	20	76	8
Total	2236	232880	15414	11220	11247	16016	33512	1812	22793	325358	7648	4220	6812	10594
Species	49	98	82	49	63	61	56	45	63	71	61	60	47	66

2008-09-KOS CBC Table Species	Emporia	Garden City	Halstead-Newton	Hays	Ingalls Cimarron	Jetmore	John Redmond	Junction City	Kanopolis	Lakin	Lawrence	Leavenworth Atchison	Linn County	Manhattan
Ladder-backed Woodpecker														
Downy Woodpecker	6	12	49	9	1		5	7	23		52	14	26	65
Hairy Woodpecker		3	4	4			8	2	9	1	9	1	7	13
Northern Flicker		4	36	5		1	31	12	11	2	23	3	20	33
Yellow-shafted	7	9	16	6	1		1	33	27		42	25	53	39
Red-shafted	1	8	2	8	7			7	7	7	1			9
Pileated Woodpecker							1				1	3	11	
Eastern Phoebe														
Loggerhead Shrike	2						1		4		1		7	
Northern Shrike		1		1	1			2	4					1
Blue Jay	33	11	36	4	2		115	59	20	1	103	60	322	163
Pinyon Jay														
Black-billed Magpie		11			10					1				
American Crow	162		72	23	3	2	129	344	42		298	74	459	2292
Chihuahuan Raven														
Horned Lark	38	1093	2214	2068	723	221	116	1693	5	331	1140	6	9	989
Carolina Chickadee														
Black-capped Chickadee	20		85	7			33	44	59		112	30	59	185
Tufted Titmouse	7		31				10	14	2		66	10	102	73
Red-breasted Nuthatch	1	3	1	3			2	3			4			
White-breasted Nuthatch	3	6	22	6			4	16	15		23	5	44	53
Brown Creeper	1		1				2	8	11		14	1	5	11
Carolina Wren	3	3	24	4			4	21	8		50	4	58	52
Bewick's Wren								1						4
House Wren														1
Winter Wren			3				3	4				1	1	
Marsh Wren														
Golden-crowned Kinglet			2	cw				5			7	2	11	14
Ruby-crowned Kinglet	2	1	2				1	4	2		4		4	5
Eastern Bluebird	2		73	25		13	25	110	62		172	38	175	127
Mountain Bluebird				3		6			2					
Townsend's Solitaire		3		1	1			4						cw
Hermit Thrush				1				7			6		3	3
American Robin	638	166	194	260	54		845	1145	144	26	2170	88	151	1235
Northern Mockingbird	6	3	4			1	2	3	1		6	4	20	
Brown Thrasher														
European Starling	171	680	2054	2394	197	240	346	1161	650	376	5000	1300	1502	1906
American Pipit		1					3							
Cedar Waxwing	3	76	13	1	24		14	60			420	86	185	116
Orange-crowned Warbler														
Yellow-rumped (Myrtle) Warbler	3		4				6	123	3		29	1	49	26
Pine Warbler														
Common Yellowthroat													1	
Spotted Towhee			2		1			6	3		1			26
Eastern Towhee							3	1					4	
American Tree Sparrow	194	28	259	191	29		551	310	1326	14	1140	360	465	721
Field Sparrow											1		3	2
Chipping Sparrow														
Clay-colored Sparrow														
Vesper Sparrow														
Savannah Sparrow		1	2										12	
LeConte's											1			
Fox Sparrow	1		5					1		1	8	2	37	14
Song Sparrow	24	5	16	4	4		19	16	36	2	283	30	235	85
Lincoln's Sparrow											1	1	10	10
Swamp Sparrow							1				29	2	40	
White-throated Sparrow		1	cw				2	12			82	18	88	23
Harris's Sparrow	61	9	867	77	11		358	181	477	3	103	24	89	441
White-crowned Sparrow	2	213	87	2	219	4	49	39	2	46	25	12	182	30
Dark-eyed Junco		157		8	23	13	664	550	280	28	250	125	369	
Slate-colored	257	86	882	96			82		90		2755	375	358	3210
Oregon	2	2	2	19					4		25		1	21
White-winged														
sparrow sp.														
McCown's Longspur														
Lapland Longspur		225	1651	512	677			911	312	695	585		90	79
Smith's Longspur	2													
Chestnut-collared Longspur														
longspur sp.														
Northern Cardinal	52	9	130	5	2	1	91	59	83	2	320	146	242	276
Blue Grosbeak														
Yellow-headed Blackbird														
Red-winged Blackbird	731	78	15656	214	33	45	4250	1878	10138	982	2330	102	1000000	148
Eastern Meadowlark	100		1				62				59	1	118	22
Western Meadowlark		144	25	802	455	138		42	11	218	6	10	40	39
<i>Sturnella</i> sp.			426					237	145		274	11	151	115
Rusty Blackbird	1						9		6		33		18	7
Brewer's Blackbird	1		1		20				1195		1			
Common Grackle		5	1		2		3	1		2	60	14	1685	1
Great-tailed Grackle		57					8				2	1820	4	
Brown-headed Cowbird	10		67				300		11		28	1	197	23
blackbird sp.							75							
Northern Oriole														
Purple Finch											10		9	2
House Finch	20	348	47	135	30		20	8	64	1	133	14	5	52
Red Crossbill				14	8				10					
Pine Siskin		135	6	22	29		1	6	14	3	13			83
American Goldfinch	171	20	107	31	2		161	54	32	9	332	75	128	567
Common Redpoll											1			
House Sparrow	62	1225	162	333	407	67	54	32	165	479	326	96	222	275
Total	9190	6319	36151	8163	7064	806	27463	23136	32310	24553	40683	25683	1030197	32685
Species	71	58	67	53	49	23	85	81	73	45	93	59	87	83

2008-09-KOS CBC Table Species	Olathe	Old Garfield	Olsburg	Oskaloosa Perry	Parsons	Quivira	Red Hills	St.Francis	Salina	Sawyer	Scott Lake	Seneca	Slate Creek Oxford	SE KS Mine Lands
Greater White-fronted Goose				280	65	82390	69		1	3700	4		1152	
Snow Goose, White form						111000	313			4100			684	
Blue Form						29300	1			400			37	
Ross's Goose	2					161				20			76	
Blue Form													1	
Cackling Goose	6			9		333	104	25	324	6	14		1158	
Canada Goose	2739		27	824	273	8154	2794	225	1404	2615	500	92	6309	155
goose sp.														
Trumpeter Swan	1					cw								
Tundra Swan						cw								
Wood Duck										2	1			
Gadwall	12			38	9	12	46			1			183	
American Wigeon				18		1	8						95	12
Mallard	66		74	1351	202	1204	644	7	228	169	3	125	5451	22
Blue-winged Teal														
Northern Shoveler				11	8	5							39	
Northern Pintail				1		62							16	
Green-winged Teal				2		115	5			3			13	
Canvasback					17	1							12	
Redhead													5	
Ring-necked Duck				13	4		27		3	3			57	30
Greater Scaup													4	
Lesser Scaup	4				2	12	6		16				13	2
Surf Scoter				2										
Bufflehead	3			4	9	2	1							
Long-tailed Duck														
Common Goldeneye	9			657	8	42	2						22	
Hooded Merganser				17	6	13								
Common Merganser			6	1820									35	
Red-breasted Merganser													1	
Ruddy Duck						1	1							
duck sp.			7	340					7				680	
Ring-necked Pheasant		14	3			18	4		1	54	43	1	14	
Greater Prairie-Chicken									cw					
Lesser Prairie-Chicken														
Wild Turkey			206	14		375	145		36	1		2	13	
Scaled Quail														
Northern Bobwhite		12			2	28	58		21	18	cw	27	16	1
Common Loon														
Pied-billed Grebe	1			7	2	1	1						13	1
American White Pelican				3										
Neotropic Cormorant														
Double-crested Cormorant				9			1							
Black-crowned Night-Heron						cw								
Great Blue Heron	2			6	11	4	6	1	cw	1			10	9
White-faced Ibis						2								
Turkey Vulture														
Bald Eagle	1		1	31	6	31	2	2	2	1			14	2
Northern Harrier	2	24	8	8	8	129	24	1	10	11	12	1	45	15
Sharp-shinned Hawk	1		1	2		3	3		1	2	2	1	5	1
Cooper's Hawk			1	1	1	5	3		2	1	1		cw	2
Accipiter sp.				2										1
Red-shouldered Hawk							3						1	3
Red-tailed Hawk	8	17	17	74	43	129	57	5	67	43	15	20	113	65
Harlan's			1				4		7				6	2
Ferruginous Hawk						1		1			1			
Rough-legged Hawk		8	1	3		11	1		1	2	5		1	3
Buteo sp.				3		1			4					
Golden Eagle							2							
American Kestrel	2	6	1	9	10	20	23	7	16	5	6		24	34
Merlin		1	2	1		2	3			1	1			1
Peregrine Falcon														
Prairie Falcon		3	1			3	1	1	cw	5	2		8	
Falco sp.									1					
Virginia Rail						6					1			
American Coot	30			5		9	19		1	3			8	37
Sandhill Crane						3120	4700							
Killdeer							8							
Wilson's Snipe														
Black-legged Kittiwake														
Franklin's Gull				40										
Bonaparte's Gull				2										
Ring-billed Gull	123			1674	8								9	18
California Gull														
Herring Gull				4										
Glaucous Gull														
gull sp.				160					6					
Rock Pigeon	203	7	17	25			9		628	28	249		13	34
Eurasian Collared-Dove		3			12		45		43	36	208	1	9	8
White-winged Dove														
Mourning Dove	12		2	41	13	60	150		36	37	1	3	50	59
Ringed Turtle-Dove											4			
Inca Dove														
Greater Roadrunner						1				cw				
Barn Owl						2	4							
Eastern Screech-Owl				2		8	3			2		1	1	
Great Horned Owl		3		2		3	14	4	1	1	6	5	14	
Barred Owl				1			4		cw	1			5	
Long-eared Owl						3								
Short-eared Owl						4								
Belted Kingfisher				1	3		4	1		1				2
Red-headed Woodpecker				31	6								1	45
Red-bellied Woodpecker	10	1	8	87	28	20	25	2	18	27	2	17	21	44
Yellow-bellied Sapsucker	1		2	15	1		3		1	2			6	5

2008-09-KOS CBC Table Species	Olathe	Old Garfield	Olsburg	Oskaloosa Perry	Parsons	Quivira	Red Hills	St.Francis	Salina	Sawyer	Scott Lake	Seneca	Slate Creek Oxford	SE KS Mine Lands
Ladder-backed Woodpecker														
Downy Woodpecker	8	4	4	53	5	33	15	4	20	17	17	2	27	15
Hairy Woodpecker	2		2	14	2	9	3	4	6	11	3	6	5	3
Northern Flicker			5	58	10	121	28	5	9	4	34		21	41
Yellow-shafted	1		6	59		105	15		24	27		4	28	
Red-shafted		19	3	5		8	6		5	12			3	
Pileated Woodpecker				2	3								3	4
Eastern Phoebe							1						1	
Loggerhead Shrike			1	1	1	4	3		1	1			4	4
Northern Shrike		1				2					1			
Blue Jay	17		29	181	67	3	3		14	1	6	14	77	140
Pinyon Jay									1					
Black-billed Magpie								4	4					
American Crow	28		853	419	89	41	447		34	33	1	24	103	75
Chihuahuan Raven														
Horned Lark		4084	54		34	162	2	394	3905	1570	518	24	6989	666
Carolina Chickadee					6		18			4			72	40
Black-capped Chickadee	18		5	144		3			25	13		21		
Tufted Titmouse	10		8	86	5		3		3	12		6	34	16
Red-breasted Nuthatch													1	
White-breasted Nuthatch	1		3	50	6	3	6	1	8	10	10	11	12	9
Brown Creeper			1	10	1	1			3	2	1	2	1	1
Carolina Wren	3			47	4	3	14		7	13		3	25	13
Bewick's Wren							3						1	
House Wren														
Winter Wren			2	2			3			3	1			1
Marsh Wren						2	7	10			5			
Golden-crowned Kinglet				27			3					1	2	5
Ruby-crowned Kinglet				7			7						12	5
Eastern Bluebird	41		23	190	44	74	80		9	72	17	6	35	52
Mountain Bluebird						76	481						1	
Townsend's Solitaire											11			
Hermit Thrush			3	3	2								4	1
American Robin	569	2	95	1489	80	35	349	26	869	1	192	9	612	56
Northern Mockingbird	1		1	6	13	2			cw		1		8	31
Brown Thrasher														
European Starling	285	604	3	468	59	595	270	237	4246	315	252	202	908	597
American Pipit							5							
Cedar Waxwing	6		81	1384			118	2	22	1	9	6	9	117
Orange-crowned Warbler														1
Yellow-rumped (Myrtle) Warbler	8		3	43	3	2	34			2		1	27	32
Pine Warbler														
Common Yellowthroat														
Spotted Towhee			5			6	5			1	3		13	
Eastern Towhee			1		2								1	
American Tree Sparrow	34	66	192	351	25	1622	154	181	210	392	4	141	1393	75
Field Sparrow				5	2	22	14			1			21	16
Chipping Sparrow														
Clay-colored Sparrow														
Vesper Sparrow														
Savannah Sparrow						6	3			4			180	36
LeConte's										1			1	
Fox Sparrow	1			2	1	3	19			1	4	2	15	8
Song Sparrow	1	5	151	10	17	71	54	29		44	6	12	510	85
Lincoln's Sparrow			11	2	3	1							2	7
Swamp Sparrow					5		5			1			158	36
White-throated Sparrow				19	7	2	3			7		7	15	21
Harris's Sparrow			98	90	17	1128	332		724	288	2	6	2212	162
White-crowned Sparrow		8	1	17	147	60	38	26	13	23	10		807	362
Dark-eyed Junco		2	944	1962	271	330		16		163	105	49	269	280
Slate-colored	160	1		151		506	598		634	350			1147	
Oregon				21		13	3			41			10	
White-winged														
sparrow sp.														
McCown's Longspur														
Lapland Longspur		946				350		61		13640	1511	32	6785	53
Smith's Longspur														
Chestnut-collared Longspur														
longspur sp.														
Northern Cardinal	5		82	310	55	112	110		111	86	12	16	268	146
Blue Grosbeak														
Yellow-headed Blackbird						3								
Red-winged Blackbird	120	1988		96	590	2400800	395	7	2128	2913	14	107	14401	510
Eastern Meadowlark	20			2	130	1	5			30			59	
Western Meadowlark		114				55	1		3	10	19	30	5	
<i>Sturnella</i> sp.			6	50		412	164		218	1250			2372	423
Rusty Blackbird								48					66	11
Brewer's Blackbird		10				83	175						102	
Common Grackle		6			4	57	60		15				2	35
Great-tailed Grackle						3181								10
Brown-headed Cowbird		92	3		17	1547	17	35	102	3		10	135	1009
blackbird sp.			4	75					2070				200	40
Northern Oriole									1					
Purple Finch				11					6	1				3
House Finch	19		3	19	2	21	2	1	22	42	136	5	62	6
Red Crossbill													30	
Pine Siskin			6	1			26	5	13	1	40	5	558	
American Goldfinch	2		41	273	18	65	100	75	264	97	7	12	731	92
Common Redpoll														
House Sparrow	5	157	55	168	25	212	56	38	318	229	407	18	150	42
Total	4603	8208	3174	16033	2529	2648760	13613	1491	18954	33044	4444	1091	58168	6006
Species	47	29	53	82	64	87	89	35	58	75	56	46	97	73

2008-09-KOS CBC Table Species	Syracuse	Topeka	Udall Winfield	Ulysses	Waconda Lake	Wakefield	Webster Reservoir	Wichita	Wilson Lake	Yoder	Totals
Greater White-fronted Goose			cw		290		500	158	1		198154
Snow Goose, White form	33400	12	12	1	14500		2200	35			330021
Blue Form	300				2900		10	2			47789
Ross's Goose	46	1			64		3	cw			511
Blue Form											1
Cackling Goose	125	48	259	14	510	12	150	566	2		8232
Canada Goose	520	16818	4602	156	7118	658	8750	19451	682	321	297772
goose sp.			1000								1000
Trumpeter Swan		13						2			18
Tundra Swan											cw
Wood Duck		2						30		2	78
Gadwall		28	38					133	5	2	1132
American Wigeon	6		65	20				35	21		571
Mallard	322	8339	3700	230	10190	7	3500	4306	6670	652	106090
Blue-winged Teal								2		30	32
Northern Shoveler		26	cw					289			515
Northern Pintail	35		5		1		1	3	1		176
Green-winged Teal			16	2			1	18	23	3	403
Canvasback		1	1					125	16		193
Redhead			cw					60	2		103
Ring-necked Duck	6	19	2					429	8		911
Greater Scaup			cw					7			18
Lesser Scaup		11	14		2			983	2		1108
Surf Scoter											2
Bufflehead		5	4		1			139	9		323
Long-tailed Duck		1									1
Common Goldeneye		24	860		300		127	265	425		3559
Hooded Merganser	2	22	5		1		5	70	142		490
Common Merganser	7	35	cw		1405	117	750	4	89		7584
Red-breasted Merganser			cw								2
Ruddy Duck		4						38	2		51
duck sp.			200								1234
Ring-necked Pheasant	2		2	45	38		11		4	13	601
Greater Prairie-Chicken						cw			1		61
Lesser Prairie-Chicken											13
Wild Turkey	4	31	13		13	cw		16			2908
Scaled Quail											25
Northern Bobwhite		7	37	41		7				30	575
Common Loon			cw						1		7
Pied-billed Grebe	1	5	2					18	8		76
American White Pelican										7	192
Neotropic Cormorant											1
Double-crested Cormorant		1	6					102			249
Black-crowned Night-Heron											cw
Great Blue Heron		5	7				2	34	2		219
White-faced Ibis											2
Turkey Vulture											1
Bald Eagle	2	10	15		44	9	8	33	4	5	549
Northern Harrier	11	10	28	42	50	17	22	1	60	83	1230
Sharp-shinned Hawk		4	2	3		2	1	4	2		83
Cooper's Hawk		3	4		2	1	2	6	4	1	76
Accipiter sp.										2	7
Red-shouldered Hawk			2								25
Red-tailed Hawk	14	72	64	28	63	36	34	79	55	57	2376
Harlan's			1	3	1	1		4		2	60
Ferruginous Hawk	7			6							44
Rough-legged Hawk	2		1	12	2	2		3	3	3	186
Buteo sp.	7			5						2	39
Golden Eagle	8			2					2		23
American Kestrel	12	20	38	10	6	1	9	11	6	22	608
Merlin		1	1	1		1			1		33
Peregrine Falcon		cw									cw
Prairie Falcon	1			7	5		1		3	4	71
Falco sp.											2
Virginia Rail									2		10
American Coot	1	18	30					244	73		560
Sandhill Crane											7820
Killdeer				1				2			4
Wilson's Snipe								11			23
Black-legged Kittiwake											1
Franklin's Gull											43
Bonaparte's Gull			cw						26		32
Ring-billed Gull		32	137		99		120	667	696	22	5876
California Gull											3
Herring Gull			cw		22	2	30	8	25	6	189
Glaucous Gull											3
gull sp.											166
Rock Pigeon	248	577	63	699	230	52	24	1441	6	43	8137
Eurasian Collared-Dove	86	77	2	481	9			25	51	31	2508
White-winged Dove								cw			30
Mourning Dove	1	458	143	13	4		1	57	1	3	1961
Ringed Turtle-Dove											4
Inca Dove											2
Greater Roadrunner											1
Barn Owl				3							18
Eastern Screech-Owl	1		1		12	1	3	3	2		90
Great Horned Owl	10		1	15	16	6	1	2	1		229
Barred Owl		1	7		1			3			92
Long-eared Owl	1										24
Short-eared Owl											34
Belted Kingfisher		4	7				1	8	2	1	68
Red-headed Woodpecker		4	15								576
Red-bellied Woodpecker		51	59		13	14	5	21	6	20	1169
Yellow-bellied Sapsucker		6	4			3		1			142

2008-09-KOS CBC Table Species	Syracuse	Topeka	Udall Winfield	Ulysses	Waconda Lake	Wakefield	Webster Reservoir	Wichita	Wilson Lake	Yoder	Totals
Ladder-backed Woodpecker											1
Downy Woodpecker	1	50	37	3	21	8	4	44	4	12	877
Hairy Woodpecker	2	2	5		6	1	3	5	5	2	214
Northern Flicker	1		12		5	3	9	22	17	33	790
Yellow-shafted	3	44	76	5	9	9	2	29	5	4	937
Red-shafted	12	1	8	7	4	6	1	1	3		197
Pileated Woodpecker		1	4								48
Eastern Phoebe		1									4
Loggerhead Shrike	2		2	1	2						54
Northern Shrike							2			1	22
Blue Jay	2	120	133	2	5	49	1	40	3	9	2306
Pinyon Jay											1
Black-billed Magpie	5			3			1				63
American Crow		256	367	25	5	1396	3	50000	20	116	69326
Chihuahuan Raven											2
Horned Lark	759	615	815	2208	1895	704	450	56	160	379	41252
Carolina Chickadee			96								376
Black-capped Chickadee		99	3		6	22	3	64	2	18	1381
Tufted Titmouse		26	20			5		10		1	783
Red-breasted Nuthatch	1	1					1	5		1	30
White-breasted Nuthatch		33	7	2	22	2	4	4	1		583
Brown Creeper		11	1		7			13	1		147
Carolina Wren		42	24		6	4	2	18		2	650
Bewick's Wren			1								17
House Wren											1
Winter Wren		5			1	1		10			65
Marsh Wren	2								3		29
Golden-crowned Kinglet		23	2		3	3		16			166
Ruby-crowned Kinglet		1	4					8		1	109
Eastern Bluebird	6	157	165		16	40	32	4	30	35	2615
Mountain Bluebird			7						140		723
Townsend's Solitaire	1							1			28
Hermit Thrush		6	1			3		3			65
American Robin	27	5351	1494	70	225	382	360	233	95	7	23994
Northern Mockingbird		7	14		1	2		1			180
Brown Thrasher				1							1
European Starling	2305	3255	31484	519	302	90	1545	7066	840	1098	85043
American Pipit			cw								9
Cedar Waxwing	30	349	140		61	cw	2	16	1		4627
Orange-crowned Warbler											1
Yellow-rumped (Myrtle) Warbler		10	89			4	1	27	6		694
Pine Warbler								1			1
Common Yellowthroat											1
Spotted Towhee			31			6	2	18	cw	5	181
Eastern Towhee											12
American Tree Sparrow	47	384	506	147	752	779	375	161	1032	379	19469
Field Sparrow			18		1			1			122
Chipping Sparrow											cw
Clay-colored Sparrow							1				1
Vesper Sparrow											1
Savannah Sparrow			16		1					20	292
LeConte's											3
Fox Sparrow		2	10					9	5	1	168
Song Sparrow	7	37	91	11	14	37	18	45	11	11	2258
Lincoln's Sparrow			2					1		15	73
Swamp Sparrow		2	6		1				1		302
White-throated Sparrow		133	6					94		1	592
Harris's Sparrow	2	120	2285		365	103	75	358	277	296	13898
White-crowned Sparrow	119	46	399	416	29	18	15	18	17	31	4156
Dark-eyed Junco	24		1618	68		677			290		12827
Slate-colored	3	1662	676	87	194		250	1074	190	84	18220
Oregon	3	1	59	40			12	10	1		318
White-winged									1		1
sparrow sp.											7
McCown's Longspur											9
Lapland Longspur	180	80	341	1183	14260	129	425		24	2	51484
Smith's Longspur			2								7
Chestnut-collared Longspur											4
longspur sp.											200
Northern Cardinal		341	330		10	106	6	213	32	48	4703
Blue Grosbeak								1			1
Yellow-headed Blackbird											4
Red-winged Blackbird	120	378	9496	476	1853	418	3675	14	3146	1770	3715059
Eastern Meadowlark		80	30					3			820
Western Meadowlark	56	21	2	516	179	15	145	1	1		4750
<i>Sturnella</i> sp.		35	615		284	455		62	118	390	9836
Rusty Blackbird		7	330		1	344					936
Brewer's Blackbird		1	2926				180		100		5391
Common Grackle	19		785	10			1	1	72		2903
Great-tailed Grackle				61				55			5372
Brown-headed Cowbird			3818		14	24	6		1400	4	9103
blackbird sp.					1200					1320	5234
Northern Oriole											1
Purple Finch		21	1			17					107
House Finch	23	128	24	57	19	7	25	275	17	17	2171
Red Crossbill								8			70
Pine Siskin	40	12	239	24	9	1	18	22	6	3	1464
American Goldfinch		317	649	2	451	37	104	155	26	56	6110
Common Redpoll											1
House Sparrow	342	352	126	1084	160	15	88	474	87	242	9867
Total	39332	41432	71923	8868	60311	6871	24119	90724	17337	7952	5195152
Species	54	84	92	47	66	54	63	94	78	57	162