

# *Kansas Ornithological Society*

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### THE WINTER BIRD COUNT FOR 1991

Max C. Thompson

The winter bird count of 1991 will go down in KOS history as the year with the largest number of counts ever taken in the state. A record 42 counts were made, 43 if you count one that did not conform to the guidelines. There were only 582 participants but a near record 150 species were seen. Some species were recorded only during the count week and if they had been put into the counts, there would have been a new record. The highest number ever recorded was 152 in 1990. The highest number of species observed was shared by Emporia and Manhattan with 83 species each.

This could very well be called the "year of the gull". There were eight species seen, including two gulls new to the count. There were two probable California Gulls seen, one on the Udall-Winfield count and one at the Wilson Reservoir count. There was one probable Black-legged Kittiwake seen at Olathe. Gulls are notoriously hard to identify and sightings without specimens are always open to question. A Pomarine Jaeger seen at Junction City was a first winter count record.

Another new species seen on the 1991 count were the five Trumpeter Swans at Webster Reservoir. Unfortunately, four of the five were later shot and killed by persons unknown. Another Trumpeter Swan was reported from Sawyer.

While there were no real surprises in the waterfowl counted, there were some surprising numbers. Blue-winged Teal were present with 18 at Garden City and 400 at Parsons. This species normally winters well to the south of Kansas. Common Goldeneyes were present in record numbers at Wilson Reservoir with 2,500 being counted. The Oldsquaw was recorded at both Webster and at Wilson Reservoirs.

Hawks and falcons were recorded in good numbers both species and number wise. A record 343 Bald Eagles were observed and 124 Ferruginous Hawks. All of the Kansas falcons except the Gyrfalcon were seen.

One Greater Roadrunner was seen at Sawyer, a bird that is infrequent on winter counts.

A big surprise was the number of Pileated Woodpeckers observed. While Pileateds have generally been extending their range in Kansas, in 1991 they seem to have literally exploded. A record 32 were counted generally south of a line extending from Winfield northeast to Lawrence. However, the Yellow-bellied Sapsucker seems to be in a general decline.

The Carolina Wren is still on the rebound with 313 recorded. A House Wren at Wichita was one of very few ever recorded on a count. Golden-crowned Kinglets were not as common as in previous winters. The Eastern Bluebird has made a phenomenal comeback. A record 1,087 were counted with the Parsons count providing 279 of the total. A Varied Thrush was seen at Garden City but not on the day of the count.

Although the northern species did not put in much of an appearance this year, one species that has been verified as remaining further north than usual was a Chipping Sparrow at a feeder in Garden City. It was like the Varied Thrush, not seen on the count day. However, it was photographed and comparisons with specimens leaves little doubt of its identification. This is the first verified winter record.

Finches that frequently occur in large numbers were not present in any numbers at all. Lapland Longspurs accounted for only 7,204 of the total birds seen. It is not uncommon in some winters to see ten times that number in one flock. Purple Finches were uncommon but their absence was more than made up by House Finches with a record 4,058 seen in the state. In 1990, 55% of the counts had House Finches and in 1991, 67%.

Pine Siskins were notable by their absence with a total of 362 observed.

The weather was generally very pleasant on most counts with daily high temperatures on all counts above the freezing level. Water was generally open. Snow cover was nonexistent. This extremely warm weather undoubtedly helped keep a lot of the winter finches and sparrows further north than usual.

The editor has chosen to go back to a tabular form in listing the species with a total number of each species seen tabulated in the last column. Comments on this new feature are welcome.

**Arkansas City.** 37° 02'N, 97° 02'W. Center intersection U.S. 77 and Arkansas River. Habitat coverage: upland deciduous forest 9%, riparian forest 29%, cultivated fields 11%, oldfields and fencerows 26%, grasslands 6%, residential areas 12%, lakes and rivers 7%. 21 December 1991, 7:30 a.m. to 5 p.m., 34° to 37°F; wind NW, 1-5 m.p.h., waters open. Fourteen observers in 4-6 parties. Total party-hours 40 (15 on foot, 25 by car). Total party-miles 293 (16 on foot, 277 by car). Total 70 species (2 additional subspecies), about 14,315 individuals.

Wallace Champeny, Jack Dennett, Norma Dennett, Beverly DuGay, Rex Herndon, Kristen Jackson, Mike Lesan, Jean Roark, Miriam Roark, Eddie Stegall, Savilla Stegall, Tammy Troutman, Donald Vannoy (compiler — 2458 Coolidge, Wichita, KS 67204), Gerald Wiens.

**Baldwin.** 38° 47'N, 95° 16'W. Center junction U.S. 56 and U.S. 59. Habitat coverage not recorded. 21 December 1991, 6:00 a.m. to 5:10 p.m., 34° to 39°F; wind S, 5-10 m.p.h., waters mostly open; a.m. cloudy, p.m. cloudy. Twenty observers in 7 parties and 3 observers at feeders. Total party-hours 52 (10 on foot, 42 by car) plus 2.3 hrs owling and 8 hrs at feeders. Total party-miles 438 (12 on foot, 426 by car) and 20 miles owling. Total 63 species (2 additional subspecies), about 7,762 individuals.

Genny Agin, Richard Bean, Jan and Roger Boyd (compiler — Dept. of Biology, Baker University, Baldwin City, KS 66006), Bill Busby, Cal Cink, Tom Church, Ruth Faulh, Faye Heckman, Chick Hood, Scott and Tony Ikenberry, Katherine Kelley, Greg Kramos, David and Martin Pressgrove, Melba Roberts, Floyd Schmidt, Ruth Scott, Dawn Sharp, Phil Wedge, Joyce and Ron Wolf.

**Baxter Springs.** 37° 10'N, 94° 50'W. Center Riverton, KS. Habitat coverage: riparian forest 35%, cultivated fields 20%, oldfields and fencerows 20%, lakes and rivers 5%, swamps 5%, marsh 5%, upland deciduous forest 4%, grasslands 3%, residential areas 2%, coniferous stands 1%. 31 December 1991, 7:30 a.m. to 5:30 p.m., 45° to 53°F; wind SE, 0-10 m.p.h., waters open; cloudy in a.m.; clear in p.m. One observer in 1 party. Total party-hours 10 (9 on foot, 1 by car). Total party-miles 60 (10 on foot, 50 by car). Total 57 species, about 15,677 individuals.

J. D. Rising (compiler — Department of Zoology, University of Toronto, Toronto, Ontario, Canada M5S 1A1).

**Byron Walker Wildlife Area.** 37° 36'N, 98° 16'W. Center headquarters of the Byron Walker Wildlife Area. Habitat coverage: riparian woodland 35%, cultivated fields 40%, grasslands 20%, lakes and rivers 3%, marshland 2%. 30 December 1991, 7:30 a.m. to 5:30 p.m., 35° to 46°F; wind N, 0-3 m.p.h., waters open; cloudy all day, foggy to 11 a.m. Seven observers in 2 parties. Total party-hours 15 (6 on foot, 9 by car). Total party-miles 148 (6 on foot, 142 by car). Total 31 species (2 additional subspecies), about 14,647 individuals. Seen in area during count period, but not on count day — Blue Jay.

Wilma Hawkins, John Kostner, Cecilia Monda, Jane Queal, Charles Shoemaker, Byron Walker (compiler — 235 West Copeland, Kingman, KS 67068), June Walker.

**Camp Naish, Wyandotte Co.** 39° 04'N, 94° 52'W. Center corner of sections 21, 22, 27 and 28, T11S, R23E. Habitat coverage: upland deciduous forest 40%, riparian forest 40%, oldfields 10%, grasslands 5%, lakes and rivers 1%, swamp 3%, residential areas 3%. 21 December 1991, 6:40 a.m. to 5 p.m., 36° to 38°F; wind NW, 3 m.p.h., waters

open; sky overcast. Six observers in 1 party. Total party-hours 80 (7 on foot, 1 by car) plus 1 hr owling. Total party-miles 10 (8 on foot, 2 by car) and 1 mile owling. Total 32 species, about 591 individuals.

Ryan Ness, Alexis Powell, Rex Powell, Jim Roth, Stan Roth (compiler — Lawrence High School, 1901 Louisiana St., Lawrence KS 66046-2999), Nate Williams.

**Cedar Bluff Reservoir.** 38° 47'N, 99° 46'W. Center middle of reservoir, 2 mi W of the dam. Habitat coverage: lakes and rivers 25%, riparian forest 25%, coniferous stands 20%, cultivated fields 10%, oldfields and fencerows 10%, grasslands 5%, marsh 5%. 21 December 1991, 7:45 a.m. to 4:35 p.m., 20° to 47°F; wind SW, 0-10 m.p.h., waters open; partly cloudy. Two observers in 1 party. Total party-hours 8.5 (3 on foot, 5.5 by car). Total party-miles 109 (2 on foot, 107 by car). Total 51 species (2 additional subspecies), about 2,529 individuals.

Mike Rader, Scott Seltman (compiler — R.R. 1, Box 36, Nekoma, KS 67559).

**Cheyenne Bottoms Wildlife Management Area.** 38° 26'N to 38° 31'N, 98° 35'W to 98° 44'W. Not circular. Habitat coverage: grasslands 40%, upland deciduous forest 35%, marsh 25%. 18 December 1991, 8:00 a.m. to 1:15 p.m., 20° to 40°F; wind SW, 5-15 m.p.h. Six observers in 5 parties and 1 observer at feeders. Total party-hours 10.2 (3.5 on foot, 6.7 by car) and 0.2 hr at feeders. Total party-miles 37 (3 on foot, 34 by car). Total 25 species, about 650 individuals.

Gene Bahr, Craig Doll, Karl Grover, Helen Hands (compiler — Cheyenne Bottoms, Rt. 3, Box 301, Great Bend, KS 67530), Ray Schulz, Dean Steiner.

**Cimarron National Grassland.** 37° 07'N, 101° 52'W. Center 7 mi N, 2 mi E of Elkhart, KS. Habitat coverage: riparian woodland 40%, sand/sage grasslands 20%, cultivated fields 10%, ponds 10%, residential areas 10%, rocky slopes 1%. 28 December 1991, 7 a.m. to 5 p.m., 29° to 36°F; wind calm; waters open, partly cloudy. Fifteen observers in 5 parties. Total party-hours 48 (18 on foot, 30 by car). Total party-miles 550 (30 on foot, 520 by car). Total 50 species, about 10,824 individuals. Seen in area during count period, but not on count day — Common Merganser, Scaled Quail, Mourning Dove.

K. Brock, E. Cable, T. Cable, W. Champeny, G. Cline, B. DuGay, T. Giddens, S. Jackson, D. Kilby, M. Lesan, V. Nielsen, S. Patti (compiler — 552 W. Belden Ave., Chicago, IL 60614), M. Rader, D. Seltman, S. Seltman.

**Dodge City.** 37° 46'N, 99° 58'W. Center Saint Mary of the Plains College. Habitat coverage: cultivated fields 50%, oldfields 25%, grasslands 12%, residential areas 12%, riparian forest 10%, ponds 1%. 14 December 1991, 8 a.m. to 4:15 p.m., 21° to 42°F; wind S, 20 m.p.h. Ten observers in 3 parties and 15 observers at feeders. Total party-hours 17 (0.5 on foot, 16.5 by car) plus 45 hrs at feeders. Total party-miles 153 (1 on foot, 152 by car). Total 35 species, about 4,076 individuals. Seen in area during count period, but not on count day — Sharp-shinned Hawk, Northern Bobwhite.

Marg Andrews, Lois Bryson, Barbara Clemons, George Cole, Dick Dryden, Pat Dryden, Joleen Fromm (compiler — 2402 5th Ave., Dodge City, KS 67801), Lillie Graves, Doris Gurtner, Retha Harlen, Ramon House, Lois Hunter, Jean Kirkpatrick, Lorene Kulbiski, Leo Leonard, Marie McKee, Austin McKee, Hazel Moore, Penny Murphy, Jeanne Perkins, Shirley Rumsey, Ora Mae Schraeder, Sr. Patricia Stanley, Skip Stark, Dona Warshaw.

**El Dorado Lake.** 37° 51'N, 96° 52'W. Center near center of lower lake, 1 mi NE of dam center. Habitat coverage: lakes and rivers 29%, riparian forest 23%, grasslands 17%, fencerows and shelterbelts 16%, cultivated fields 8%, coniferous stands 4%, marshes 3%. 17 December 1991, 8 a.m. to 5 p.m., 32° to 46°F; wind N, 5-20 m.p.h., waters open; clear. Twelve observers in 3 parties. Total party-hours 24.75 (6.25 on foot, 18.5 by car). Total party-miles 357 (7 on foot, 350 by car). Total 64 species (3 additional subspecies), about 24,354 individuals.

Duane Anderson, Beverly DuGay, Rick Goodrick, Pete Janzen (compiler — 3137

Mascot, Wichita, KS 67204). Dan Kilby, Bill Langley, Mike Lesan, Joan Roark, Miriam Roark, Joe Soukup, Jay Soule, Donald Vannoy.

**Emporia.** 38° 27'N, 96° 05'W. Center 1 mi S Lang, KS. Habitat coverage: riparian forest 55%, grasslands 20%, lakes and rivers 10%, residential areas 8%, cultivated fields 5%, coniferous stands 1%, marsh 1%. 22 December 1991, 7 a.m. to 5:30 p.m., 30° to 40°F; wind S-SW, 3-5 m.p.h.; still water open, moving water open; a.m. overcast with fog and light rain; p.m. overcast with fog and light rain. Nineteen observers in 8 parties and 1 observer at feeders. Total party-hours 64.75 (27.5 on foot, 37.25 by car) plus 1 hr owling and 4 hrs at feeder. Total party-miles 402 (30 on foot, 372 by car) and 1 mile owling. Total 83 species (3 additional subspecies), about 25,704 individuals. Seen in area during count period, but not on count day — Ross' Goose, American Wigeon, Greater Scaup, Peregrine Falcon, Killdeer.

Laura Dodge, Roger and Sherry Ferguson, Lloyd Fox, Hugh and Thelma Hanson, Brandon, Brian and Marvin Kuehn, Tim Lindsag, Jim and Tanner Mayhew, Paul McKnab, Drake Miller, Margaret Ptacek, John Rakestraw, Jean Schulenberg (compiler — Rt. 2, Box 36, Admire, KS, 66830), Marvin Schwilling, Kathleen Tabor.

**Garden City.** 37° 55'N, 100° 47'W. Center 4 mi SE junction U.S. 83 spur and U.S. 50. Habitat coverage: riparian forest 28%, residential areas 21%, cultivated fields 17%, grasslands 15%, lakes and ponds 9%, oldfields and fencerows 9%, feed lots 3%. 28 December 1991, 7 a.m. to 6 p.m., 34° to 38°F; wind calm, 6-7 m.p.h.; patchy fog until 10 a.m. in parts; cloudy all day. Fifteen observers in 7 parties and 7 observers at feeders. Total party-hours 29.25 (2.5 on foot, 26.75 by car) and 7 hrs at feeders. Total party-miles 259.5 (7.5 on foot, 202 by car). Total 58 species (4 additional subspecies), about 51,609 individuals. Seen in area during count period, but not on count day — Bald Eagle, Cardinal, White-breasted Nuthatch, Black-capped Chickadee, Townsend's Solitaire, Cedar Waxwing, Yellow-bellied Sapsucker, Brown Creeper, Varied Thrush, Chipping Sparrow.

Ben Baffa, Dan Baffa, Tim Baffa, Barbara Campbell, Robbie Dockter, Cathy Fenton, Mike Gilbert, Nancy Harness, Ron Jameson, Ross Jameson, Marie Osterbuhr (compiler — 1103 Gillespie Pl., Garden City, KS 67846), Betty Rich, Leonard Rich, Emaline Scott, Sara Shane, Tom Shane, Gar Stovall, Rosemary Studley, Jack Williamson.

**Halstead-Newton.** 38° 04'N, 97° 28'W. Center 5.75 mi NE Halstead, KS. Habitat coverage: riparian forest 29%, oldfields and fencerows 22%, grasslands 20%, cultivated fields 10%, residential areas 9%, upland deciduous forest 6%, lakes and rivers 4%. 28 December 1991, 7 a.m. to 5:27 p.m., 34° to 42°F; wind calm; water open; no snow cover, overcast. Sixteen observers in 5 parties. Total party-hours 41.5 (22.75 on foot, 18.75 by car). Total party-miles 272 (24.5 on foot, 247.5 by car). Total 49 species (3 additional subspecies), about 10,009 individuals.

Bud Akin, Lorna Harder, Pete Janzen, Jay Newton, Patsy Penner, Joan Phelan, Dwight Platt (compiler — 702 NE 24th St., Newton, KS 67114), Robert Regier, Richard Schmidt, Carolyn Schwab, Joe Soukup, James Storer, Douglas Storer, John Torline, Paul Unrau, Joe Yoder.

**Hays.** 38° 47'N, 99° 23'W. Center 3.5 mi S, 4 mi W of Hays. Habitat coverage: riparian woodland 30%, oldfields and fencerows 20%, cultivated fields 20%, residential areas 15%, lakes and rivers 10%. 14 December 1991, 7:30 a.m. to 5:30 p.m., 21° to 42°F; wind NW, 5-25 m.p.h.; still water partly frozen, moving water partly frozen. Eight observers in 4 parties and 4 observers at feeders. Total party-hours 20 (4 on foot, 16 by car) plus 4 hrs at feeders. Total party-miles 201 (6 on foot, 195 by car). Total 46 species (4 additional subspecies), about 4,769 individuals. Seen in area during count period, but not on count day — Saw-whet Owl, Golden-crowned Kinglet, Cedar Waxwing, Bald Eagle.

Earl Carlson, Donna Cooper (compiler — 2906 Walnut, Hays, KS 67601), Ed Dies, Geneva Dies, Charles Ely, A. L. Steele, Jean Stramel, Karen Toepfer.

**Hillsdale Reservoir.** 38° 37'N, 94° 52'W. Center 2.5 mi W and 1 mi N of Hwy. 169 and 68. Habitat coverage: cultivated fields 23%, oldfields and fencerows 23%, riparian forest 20%, lakes and rivers 15%, residential areas 10%, grasslands 5%, coniferous stands 2%, marsh 1%, swamps 1%. 21 December 1991, 8 a.m. to 4 p.m., 33° to 37°F; wind NNW-SSW, 3-4 m.p.h.; cloudy, skim ice. Seven observers in 2 parties. Total party-hours 10.5 (3 on foot, 7.5 by car). Total party-miles 66 (3 on foot, 63 by car). Total 43 species, about 1,118 individuals.

Jim Bell, Julie Lewis, Isabel Rohrer, Jim and Carol Surman and daughter, Kipp J. Walters (compiler — Hillsdale Project Office, Route 3, Box 205, Paola, Kansas 66071).

**Junction City.** 39° 00'N, 96° 53'W. Center I70 roadside rest W of Junction City, KS. Habitat coverage: grasslands 18%, riparian forest 25%, oldfields and fencerows 17.5%, coniferous stands 6%, cultivated fields 11%, lakes and rivers 14.5%, marsh 5.5%, upland deciduous forest 1.5%, residential areas 1%. 29 December 1991, 2 a.m. to 7 p.m., 29° to 43°F; wind S-SW, 0-15 m.p.h.; waters 100% open; light fog in a.m. to partly cloudy in p.m. Nineteen observers in 9 parties and 3 observers at feeders. Total party-hours 56.5 (23.5 on foot, 33 by car) plus 6.5 hrs owling and 5 hrs at feeders. Total party-miles 375 (27 on foot, 348 by car) and 105 miles owling. Total 71 species (3 additional subspecies), about 16,237 individuals. Seen in area during count period, but not on count day — Double-crested Cormorant, Green-winged Teal, Redhead, Lesser Scaup, Merlin, Thayer's Gull, Horned Lark, Winter Wren, Marsh Wren, Townsend's Solitaire, Common Yellowthroat, Swamp Sparrow, Lapland Longspur.

Joanne Brier, Brent Brock, Charlene Caspar, Lorena Combs, Stacey Cooke, Jay Jeffrey, Johnnie Johnson, Jeff Keating, Bob Kruger, Dan LaShelle, Sarah Merrill, Jaye and Chuck Otte (compiler — 613 Tamerisk, Junction City, KS 66441), David Rintoul, Chris Smith, Guy Smith, Bob Waters, Paul Weidhaas, John Zimmerman.

**Kirwin Reservoir.** 39° 42'N, 99° 08'W. Center 1 mi N Kirwin, KS. Habitat coverage: lakes and rivers 28%, cultivated fields 22%, grasslands 20%, riparian forest 10%, marsh 10%, residential areas 10%. 22 December 1991, 7 a.m. to 5:30 p.m., 32° to 45°F; wind SE, 5-15 m.p.h.; partly to mostly cloudy, waters open. Three observers in 1 party. Total party-hours 10.5 (2 on foot, 8.5 by car). Total party-miles 98 (2 on foot, 96 by car). Total 51 species (3 additional subspecies), about 29,054 individuals. Seen in area during count period, but not on count day — Blue Jay, Brown Creeper.

Mike Rader (compiler—Box 395, Wilson, KS 67490), Richard Rucker, Roseanne Smith.

**Lawrence.** 39° 00'N, 95° 18'W. Center 1.5 mi N and 2.7 mi W of junction U.S. 40 and U.S. 59 in NW Lawrence, KS. Habitat coverage: oldfields 18%, riparian forest 16%, residential areas 15%, upland deciduous forest 14%, lakes and rivers 14%, cultivated fields 9%, grasslands 8%, coniferous stands 3%, marsh 3%. 14 December 1991. 6:15 a.m. to 6 p.m., 27° to 39°F; wind NW, 6-12 m.p.h.; waters open, clear in a.m., partly cloudy p.m. Thirty-five observers in 15 parties and 3 observers at feeders. Total party-hours 134.25 (41.5 on foot, 83.5 by car, 9.25 by canoe) plus 8.25 hrs owling and 5 hrs at feeders. Total party-miles 707 (39 on foot, 655 by car, 13 by canoe) and 53.5 miles owling. Total 79 species (2 additional subspecies), about 19,989 individuals.

Mary Allen, Bob Antonio, Bob Bearse, Roger Boyd, Dave Bryan, Linda Bryan, Cal Cink, Jan Conrad, Wayne Dickerson, Chris Erb, Ruth Fauhl, Patty Field, Lin Frederickson, Sharlyne Hasvold, Barbara Higdon, Chris Hobbs, Kevin Holladay, Joe Hyde, Jennifer Jones, Kelly Lindscher, Donna Lewis, Lloyd Moore, Ryan Ness, Galen Pittman (compiler — R.R. 4, Box 260, Lawrence, KS 66044), Stan Roth, Richard Rucker, Dawn Sharp, Cynthia Shaw, Ed Shaw, Margaret Wedge, Phil Wedge, Larry Werner, Joyce Wolf, Ron Wolf, Tom Wolf.

**Leavenworth-Atchison.** 39° 23'N, 95° 00'W. Center SW corner, sec. 31, T7S, R22E, Leavenworth Co. Habitat coverage: lakes and rivers 24%, upland deciduous forest 21%, riparian forest 13%, cultivated fields 10%, oldfields and fencerows 10%, marsh and wetlands 8%, grasslands 6%, coniferous stands 4%, residential areas 4%. 21 December

1991, 7:30 a.m. to 5 p.m., 33° to 36°F; wind N, 10 m.p.h.; open water; cloudy. Seven observers in 3 parties. Total party-hours 23.5 (4.5 on foot, 23.5 by car). Total party-miles 233 (4 on foot, 229 by car). Total 64 species (2 additional subspecies), about 7,677 individuals.

Chuck Allen, Dick Brown, Chris Hobbs, Galen Pittman, Larry Scheerer, John Schukman (compiler — 14207 Robin Rd., Leavenworth, KS 66048), Larry Werner.

**Liberal/Seward County.** 37° 08'N, 100° 50'W. Center 7.5 mi NE LBL airport. Habitat coverage: riparian forest 40%, sand/sage grasslands 20%, lakes and rivers 20%, residential areas 10%, agricultural areas 10%. 27 December 1991, 7:30 a.m. to 5 p.m., 35° to 37°F; wind W, 10-12 m.p.h.; snow/rain showers a.m.; partly cloudy p.m. Four observers in 2 parties. Total party-hours 12 (2 on foot, 10 by car). Total party-miles 120 (5 on foot, 115 by car). Total 55 species, about 29,331 individuals.

B. DuGay, R. Kenney, S. Patti (compiler — 552 W. Belden Ave., Chicago, IL 60614), M. Rader.

**Linn County.** 38° 17'N, 94° 45'W. Center SW corner, Unit G, Marais des Cygnes Wildlife Management Area. Habitat coverage: cultivated fields 20%, oldfields and fencerows 20%, lakes and rivers 15%, upland deciduous forest 14%, riparian forest 14%, grasslands 6%, marsh 6%, coniferous stands 3%, residential areas 2%. 22 December 1991, 6:45 a.m. to 5 p.m., 33° to 41°F; wind SW, 5-10 m.p.h.; waters mostly open; a.m. partly cloudy; p.m. cloudy with rain. Eight observers in 5 parties. Total party-hours 39 (3.25 on foot, 37.75 by car) plus .75 hrs owling. Total party-miles 324 (4 on foot, 320 by car) and 10 miles owling. Total 79 species (3 additional subspecies), about 20,147 individuals.

Jan and Roger Boyd (compiler — Biology Dept., Baker Univ., Baldwin City, KS 66006), David Bryan, Steve Crawford, Bob Fischer, Mick McHugh, Galen Pittman, Phil Wedge.

**Manhattan.** 39° 11'N, 96° 34'W. Center Anderson Hall, Kansas State University campus. Habitat coverage: riparian forest 20%, oldfields and fencerows 20%, lakes and rivers 16%, grasslands 11%, upland deciduous forest 10%, cultivated fields 10%, residential areas 6%, coniferous stands 5%, marsh 2%. 14 December 1991, 7:30 a.m. to 5:30 p.m., 22° to 40°F; wind SW, 0-10 m.p.h., all water open; clear. Seventy-eight observers in 18 parties and 1 observer at feeders. Total party-hours 173 (95.5 on foot, 77.5 by car) plus 1 hr owling and 5.5 hrs at feeders. Total party-miles 685.5 (95.5 on foot, 563 by car) and 17 miles owling. Total 83 species (3 additional subspecies), about 18,183 individuals. Seen in area during count period, but not on count day — Red-breasted Nuthatch.

Steve Amy, Deb Beutler, Bob Bowden, Brent Brock, Kenny Brooks, Melissa Brown, Richard Brown, Sue Brown, Doris Burnett, Chuck and Sandy Bussing, Eric and Ted Cable, Ann Carter, Chris Cocinos, Wayne Corn, Morris Crisler, Brock Dale, Michael Donnelly, Laura Fatimi, Kevin Fay, Clyde and Marilena Ferguson, Elmer and LaVonne Finck, Angel and Nate Folland, Buddy Gray, Leann Harrell, Jennifer Harris, Chod Hedinger, Jose Herrera, Eva Horne, Scott Hull, Lowell Johnson, Steve Johnson, Rich Kazmaier, Dale Kennedy, Duane Kerr, Jim Koelliker, Jay Jeffrey, Sam Lacy, Kenneth Larkins, Charlotte Lorenzen, David and Mark Marquardt, Brock McMillan, Barry Mitchie, Ed Olson, Kazyo Ono, Chuck Otte, Jack and Sally Oviatt, Gary Radke, Skip Raney, Dave Rintoul, Phoebe Samelson, Dave Saunders, Sarah Shields, Abbie Siddall, Andy and Guy Smith, Chris Smith, Mathew Smith, Mary Sowers, Margy Stewart, Bill Struckmeyer, Marilyn Tilghman, Harvard and Michael Townsend, Laura Ward, Ellen and Ruth Welt, Doug White, Frank White, Don Yockey, Janice and John Zimmerman (compiler — Div. Biology, Kans. State Univ., Manhattan, KS 66506).

**Meade County.** 37° 15'N, 100° 20'W. Center 1.5 mi S Meade, KS on K23. Habitat coverage: riparian forest 80%, cultivated fields 5%, oldfields and fencerows 5%, residential areas 5%, lakes and rivers 5%. 21 December 1991, 7:30 a.m. to 4:30 p.m., 26° to

55°F; wind N, 0-5 m.p.h.; waters open; clear; no snow cover. Two observers in 1 party and 2 observers at feeders. Total party-hours 11 (10 on foot, 1 by car) and 3 hrs at feeders. Total party-miles 85 (10 on foot, 75 by car). Total 48 species (2 additional subspecies), about 5,475 individuals.

Audrey Flowers, Steven Flowers, Thomas Flowers (compiler — P. O. Box 87, Meade, KS 67864), Mark Goldsberry.

**Olathe.** 38° 55'N, 94° 51'W. Center intersection 119th St. and K7. Habitat coverage: upland deciduous forest 25%, cultivated fields 20%, riparian forest 20%, lakes and rivers 15%, residential areas 10%, grasslands 5%. 28 December 1991, 5 a.m. to 5 p.m., 31° to 41°F; wind SW, 0-5 m.p.h.; waters open; no snow cover; cloudy. Ten observers in 5 parties and 8 observers at feeders. Total party-hours 44 (14 on foot, 30 by car) plus 5 hrs owling and 12 hrs at feeders. Total party-miles 347 (16 on foot, 331 by car) and 23 miles owling. Total 62 species (2 additional subspecies), about 7,152 individuals. Seen in area during count period, but not on count day — Pine Siskin.

Roger Boyd, Steve Case, Mark Corder, Steve Crawford (compiler — 529 N. Curtis, Olathe, KS 66061), Dave Fischer, Greg Gagliano, Tom Onions, Mark Raabe, Carol and Jim Surnam, Larry Williams.

**Olsburg.** 39° 25'N, 96° 39'W. Center 1.5 mi W Olsburg, KS on K16. Habitat coverage: riparian forest 20%, oldfields and fencerows 20%, upland deciduous forest 10%, lakes and rivers 20%, cultivated fields 5%, grasslands 10%, coniferous stands 5%, residential areas 5%, marsh 5%. 21 December 1991, 7:30 a.m. to 5 p.m., 20° to 40°F; wind SSW, 10 m.p.h.; some water open; clear. Twenty observers in 6 parties and 1 observer at feeders. Total party-hours 38.5 (15 on foot, 23 by car) plus .5 hrs at feeders. Total party-miles 286.6 (24 by car, 262.6 on foot). Total 65 species (2 additional subspecies), about 4,735 individuals. Seen in area during count period, but not on count day — House Finch, Sharp-shinned Hawk, Eastern Bluebird.

Deb Beutler, Melissa Brown, Doris Burnett, Eric Cable, Ted Cable, Brock Dale, Buddy Gray, Chod Hedinger, Jay Jeffrey, Duane Kerr, Sam Lacy, Jim Mayhew, Tanner Mayhew, Gary Radke, Amy Rintoul, Dave Rintoul (compiler — Div. Biol., Kansas St. Univ., Manhattan, KS 66506-4901), Chris Smith, Guy Smith, Barbara Stevens, Paul Weidhaas.

**Oskaloosa-Perry Lake.** 39° 12'N, 95° 24'W. Center entrance to Camp Jayhawk, BSA (NE corner sec. 9, T10S, R18E). Habitat coverage: upland deciduous forest 20%, riparian forest 14%, coniferous stands 2%, cultivated fields 9%, oldfields and fencerows 15%, grasslands 6%, residential areas 8%, lakes and rivers 23%, marsh 3%. 15 December 1991, 4:30 a.m. to 5:30 p.m., 27° to 39°F; wind NW, 0-13 m.p.h.; all water open, clear to partly cloudy. Fourteen observers in 6 parties. Total party-hours 54.5 (11 on foot, 43.5 by car) plus 3.75 hrs owling. Total party-miles 428 (17 on foot, 411 by car) and 12.5 miles owling. Total 74 species (1 additional subspecies), about 12,422 individuals. Seen in area during count period, but not on count day — Wood Duck, Sharp-shinned Hawk, Fox Sparrow, House Finch.

Dave Bryan, Mark Corder, Shirley Dinkel, Beverly Evans, Ruth Fauhl, Bob Fisher, Maxie Irwin, Jennifer Jones, Mick McHugh, Galen Pittman, Richard Rucker (compiler — 121 E. 17th St., Lawrence, KS 66044), Dawn Sharp, Roseanne Smith, Phil Wedge.

**Parsons.** Center 10.5 mi N and 1 mi E of U.S. 59 and U.S. 160 junction, Parsons, KS. Habitat coverage: lakes and rivers 20%, oldfields and fencerows 19%, cultivated fields 20%, upland deciduous forest 5%, grasslands 15%, riparian forest 7%, marsh 7%, swamp 7%. 14 December 1991, 7 a.m. to 4 p.m., 35° to 45°F; wind N, 0-15 m.p.h. Seventeen observers in 7 parties and 3 observers at feeders. Total party-hours 44 (14 on foot, 30 by car) plus 3 hrs at feeder. Total party-miles 295 (14 on foot, 281 by car). Total 57 species, about 42,211 individuals.

Paul L. Milks (compiler — 3105 Rosewood, Parsons, KS 67357).

**Pomona Lake.** 38° 41'N, 95° 41'W. Center intersection of U.S. 75 and Dragoon Creek. Habitat coverage: oldfields and fencerows 23%, riparian forest 10%, lakes and rivers 15%, grasslands 15%, cultivated fields 20%, marsh 1%, upland deciduous forest 10%, residential areas 4%, coniferous stands 2%. 1 January 1992, 7:30 a.m. to 5:30 p.m., 38° to 46°F; wind ESE, 7-14 m.p.h., changing to NW, 5 m.p.h. by end of day; Pomona Lake 100% open, fog with light drizzle. Sixteen observers in 7 parties. Total party-hours 60 (7.75 on foot, 52.25 by car). Total party-miles 342 (13 on foot, 329 by car). Total 59 species (2 additional subspecies), about 9,431 individuals.

Mary Allen, Joanne Brier, Lukas Crane, Ed Dennis, Marge Dennis, Ruth Fauhl, Dean Grisell, Mary Masters, Sarah Merrill, Galen Pittman, Richard Rucker, Dawn Sharp, Bunnie Watkins (compiler — 3212 W. 24th St. Terrace, Lawrence, KS 66047), Margaret Wedge, Phil Wedge, Dan Williamson.

**Quivira National Wildlife Refuge.** 38° 09'N, 98° 29'W. Center Refuge subheadquarters. Habitat coverage: grasslands 50%, cultivated fields 20%, oldfields and fencerows 20%, marsh 10%. 20 December 1991, 7:30 a.m. to 4:30 p.m. 35° to 40°F; wind NW, 5-10 m.p.h.; all water open; cloudy, light rain. Eleven observers in 3 parties. Total party-hours 25.5 (6 on foot, 19.5 by car). Total party-miles 229 (6 on foot, 223 by car). Total 58 species (4 additional subspecies), about 6,707 individuals. Seen in area during count period, but not on count day — Belted Kingfisher.

Wallace Champeny, Lorena Combs, Jay Jeffrey, Dan Kilby, Mike Rader, Dave Rintoul, Dan Schaad (compiler — Quivira NWR, R.R. 3, Box 48A, Stafford, KS 67578), Scott Seltman, Chris Smith, Donald Vannoy, Barbara Zurhellen.

**Salina.** 38° 50'N, 97° 38'W. Center State Street Rd., 1 mi W of Ninth Street, Salina, KS. Habitat coverage: riparian forest 23%, coniferous stands 4%, cultivated fields 22%, oldfields and fencerows 17%, grasslands 14%, residential areas 14%, lakes and rivers 5%, marsh 1%. 4 January 1992, 7:30 a.m. to 5:30 p.m., 32° to 48°F; wind SE, 5 m.p.h.; waters open; overcast. Twenty-nine observers in 5 parties. Total party-hours 33.7 (17.5 on foot, 16.2 by car). Total party-miles 263 (15 on foot, 248 by car). Total 45 species, about 4,798 individuals.

Aron Ames, Cheryl Balaun, Sheila Balaun, Darrell Bergmann, Christin Boccia, Clare Bruha, David and Nancy Clark, Jason Cochran, Devon Coellner, David, Kevin, and Lisa Haight, John Han, Brian Hart, Mindy Killion, Elizabeth King, Harriet Landon, Harold (compiler — 612 Max Ave., Salina, KS 67401) and Virginia Lear, Dan McCortney, Lou Ann and Macel Neaderhisen, Petronella Posti, Shannon Rayl, Sister Monica Schneider, John Wachholz, Woon Ho Yi.

**Sawyer.** 37° 32'N, 98° 42'W. Center SE corner sec. 11, T29S, R31W, Pratt Co., 2 mi N, 1 mi W junction U.S. 281 and K42. Habitat coverage: riparian forest 40%, cultivated fields 30%, grasslands 20%, residential areas 10%. 4 January 1992, 8:30 a.m. to 6 p.m., 20° to 50°F; wind SW, 10-20 m.p.h.; clear to partly cloudy; no ice cover. Thirteen observers in 3 parties. Total party-hours 24 (18 on foot, 6 by car). Total party-miles 147 (10 on foot, 137 by car). Total 57 species (1 additional subspecies), about 6,460 individuals.

**Scott Lake.** 38° 35'N, 100° 56'W. Center 7 mi N junction U.S. 83 and K96. Habitat coverage: riparian forest 35%, coniferous stands 5%, cultivated fields 30%, oldfields and fencerows 5%, grasslands 5%, residential areas 10%, lakes and rivers 8%, marsh 2%. 4 January 1992, 7:30 a.m. to 4:45 p.m., 30° to 42°F; wind S, 0-15 m.p.h.; lake partially frozen; ground muddy; 2% snow cover; cloudy. Thirteen observers in 5 parties and 1 observer at feeders. Total party-hours 35.5 (14 on foot, 21.5 by car) plus 1 hr owling and 4 hrs at feeders. Total party-miles 291 (15 on foot, 276 by car) and 7 miles owling. Total 64 species (2 additional subspecies), about 45,315 individuals. Seen in area during count period, but not on count day — American Wigeon.

Barbara Campbell, Dan LaShelle, Marie Osterbuhr, Mike Rader, Betty Rich, Leonard Rich, Amy Rintoul, Dave Rintoul, Diane Seltman, Scott Seltman, Sara Shane, Tom Shane (compiler — 1706 Belmont Pl., Garden City, KS 67846), Kay Sims, Chris Smith.



**Southeast Kansas Mined Land.** 37° 14'N, 94° 58'W. Center Sec. 26, Range 22E, Township 32S, Cherokee Co., Ks. (West Mineral Unit of KDWP Mined Land Wildlife Area). Habitat coverage: upland deciduous forest 2.5 hrs, riparian forest 2.75 hrs, coniferous stands .25 hrs, cultivated fields 6.75 hrs, oldfields and fencerows 10 hrs, grassland 5.2 hrs, residential areas .85 hrs, lakes and rivers 2.2 hrs, marsh 1.5 hrs, swamp .25 hrs. 1 January 1992, 7:15 a.m. to 4 p.m., 35° to 45°F; wind SE, 8 m.p.h. Twelve observers in 5 parties. Total party-hours 32.25 (8.5 on foot, 23.75 by car) plus .5 hrs owling. Total party-miles 241 (3.5 on foot, 237.5 by car) and 2 miles owling. Total 47 species, about 10,588 individuals.

Robert Andrews, Mavis Benner, Bill Brewer, Pamela Cress, Steven Ford (compiler — Biology Dept., Pittsburg State Univ., Pittsburg, KS 66762), Larry Herbert, Bob Mangile, Liz Mangile, R. W. McCandless, Lou Ann McDaniel, Paul Milks, Charles Spellman.

**Syracuse.** 38° 00'N, 101° 52'W. Center 7 mi W, 1 mi N Syracuse, KS. Habitat coverage: riparian forest 50%, residential areas 20%, lakes and rivers 10%, cultivated fields 10%, grasslands 5%, marsh 5%. 5 January 1992, 7:30 a.m. to 4:30 p.m., 24° to 52°F; wind W, 0-15 m.p.h.; all waters open; 0-2" snow cover; partly cloudy. Seven observers in 3 parties. Total party-hours 22.5 (7 on foot, 15.5 by car) plus 1 hr owling. Total party-miles 231 (9 on foot, 222 by car) and 15 miles owling. Total 51 species (1 additional subspecies), about 5,040 individuals.

Barbara Campbell, Dan LaShelle, Mike Rader, Diane Seltman, Scott Seltman (compiler — R.R. 1, Box 36, Nekoma, KS 67559), Sara Shane, Tom Shane.

**Topeka.** 39° 02'N, 95° 40'W. Center State capitol. Habitat coverage: upland deciduous forest 22%, riparian forest 13%, coniferous stands 3%, cultivated fields 10%, oldfields and fencerows 13%, grasslands 5%, residential areas 22%, lakes, rivers and reservoirs 11%, marsh 1%. 21 December 1991, 7 a.m. to 5 p.m., 33° to 37°F; wind N, 5-10 m.p.h.; waters open; overcast a.m.; overcast p.m. Forty-three observers in 15 parties and 14 observers at feeders. Total party-hours 112.5 (53.75 on foot, 58.75 by car) plus 3 hrs owling and 61.5 hrs at feeders. Total party-miles 521.75 (58.75 on foot, 463 by car) and 7 miles owling. Total 70 species (2 additional subspecies), about 13,936 individuals. Seen in area during count period, but not on count day — Red-breasted Nuthatch.

Cynthia Abbott, Virgil Basgall, Margaret Beers, Jim Brier, Joanne Brier (compiler — 1822 Westwood Dr., Topeka, KS 66604), Marty Burke, Walter Cole, Arline Delker, Ed Dennis, Patty Field, Bob Foster, Lin Frederickson, Dan Gish, Todd Gish, Margaret Good, Dean Grisell, Gary Haden, Gwen Haegert, Dorothy Harvey, Judy Hedden, Marj Heeney, Phyllis Henney, Patsy Hodges, Peggy Howard, Maxey Irwin, Dale Johnson, Scotty Johnson, Glen Koontz, Colette Langley, Dan Larson, Bob Lawson, Edith Lessenden, Eulalia Lewis, Gene Lewis, Carolyn Litwin, Janice Logan, Brad May, Sarah Merrill, Elzora Miller, Susan Miller, Linda Mowbray, E. E. North, Joanne Ramberg, Judy Rasmussen, Barbara Shepard, Phil Stallard, Pat Stein, Mina Watts, Grace White, Eugene Willett, Georgene Wilhelm, Lil Willis, Paul Willis, Dean Wilson, Wanda Wilson, Bob Wykert.

**Tribune.** 38° 27'N, 101° 45'W. Center Tribune, KS. Habitat coverage: residential areas — cedar trees with feeder and water. 29 December 1991, 8 a.m. to 4 p.m.; cold; wind 15 m.p.h. Two observers in 1 party. Total party-hours 8. Total 14 species (2 additional subspecies), about 35 individuals.

Luverne Keith (compiler — 606 4th St., Box 143, Tribune, KS 67879), Heather Ramsey.

**Udall-Winfield.** 37° 16'N, 96° 59'W. Center water tower at Winfield State Training School. Habitat coverage: as described in 1989. 15 December 1991, 8 a.m. to 5 p.m., 31° to 56°F; wind S, 10 m.p.h.; waters open. Fifteen observers in 5 parties and 2 observers at feeders. Total party-hours 45 (5 on foot, 35 by car) plus 3 hrs owling and 2 hrs at

feeders. Total party-miles 414 (5 on foot, 404 by car) and 62 miles owling. Total 77 species, about 10,997 individuals.

Betty & Duane Anderson, Terry Barnett, Wallace Champeny, Bev DuGay, Dan Kilby, Claudia Lawson, Janet Laws, Mike Lesan, Max Thompson (compiler — 1729 E. 11th, Winfield, KS 67156), D. Vannoy, Gerald Wiens, Donna & Wayne Wilt, Robert Wimmer.

**Waconda Lake.** 39° 28'N, 98° 22'W. Center 3 mi S and 4 mi E of Cawker City, KS. Habitat coverage: lakes and rivers 50%, riparian forest 25%, cultivated fields 10%, coniferous stands 5%, marsh 5%, residential areas 5%. 15 December 1991, 7:45 a.m. to 5 p.m., 23° to 42°F; wind variable, 0-5 m.p.h.; waters 95% open; mostly sunny. Two observers in 1 party. Total party-hours 9 (3 on foot, 6 by car). Total party-miles 93 (3 on foot, 90 by car). Total 64 species (2 additional subspecies), about 19,841 individuals.

Mike Rader (compiler — Box 395, Wilson, KS 67490), Scott Seltman.

**Webster Reservoir.** 39° 25'N, 99° 24'W. Center 1.5 mi N and 1 mi E of Webster Dam on U.S. 24. Habitat coverage: riparian forest 35%, lakes and rivers 25%, cultivated fields 15%, coniferous stands 10%, grasslands 10%, marsh 5%. 18 December 1991, 7 a.m. to 4 p.m., 20° to 36°F; wind SW, 0-15 m.p.h.; waters 70% ice cover. Two observers in 2 parties. Total party-hours 11 (3 on foot, 8 by car). Total party miles 156 (3 on foot, 153 by car). Total 60 species (3 additional subspecies), about 12,999 individuals.

Mike Rader (compiler — Box 395, Wilson, KS 67490), Scott Seltman.

**Wichita.** 37° 41'N, 97° 20'W. Center confluence of Arkansas and Little Arkansas rivers. Habitat coverage: riparian forest 35%, residential areas 20%, cultivated fields 15%, lakes and rivers 10%, upland deciduous forest 8%, oldfields and fencerows 7%, coniferous stands 5%. 14 December 1991, 7:45 a.m. to 5 p.m., 28° to 43°F; wind NW, 0-5 m.p.h. Twenty-one observers in 8 parties and 3 observers at feeders. Total party-hours 86 (52 on foot, 34 by car) plus 6 hrs at feeders. Total party-miles 347 (52 on foot, 295 by car). Total 79 species, about 53,681 individuals. Seen in area during count period, but not on count day — Sharp-shinned Hawk, Hermit Thrush, Brown Thrasher.

Ivan Carter, Wallace Champeny (compiler — R.R. 1, Oxford, KS 67119), Don Clemence, Margaret Clemence, Beverly DuGay, Rick Goodrick, Bob Gress, John Hankins, Bev Hodges, Ruth Hodges, Pete Janzen, Dan Kilby, Mike Lesan, John Northrup, Jean Roark, Miriam Roark, Eddie Stegall, Savilla Stegall, Tammy Troutman, Don Vannoy, Gerald Wiens.

**Wilson Reservoir.** 38° 56'N, 98° 34'W. Center northernmost point of Minooka Park (6 mi NNE of Dorrance, KS). Habitat coverage: riparian forest 35%, lakes and rivers 30%, coniferous stands 10%, grasslands 10%, marsh 8%, residential areas 2%. 14 December 1991, 7:30 a.m. to 5 p.m., 22° to 42°F; wind NW-SW, 8-18 m.p.h., waters open; ground dry; clear skies. Eight observers in 5 parties. Total party-hours 34 (14.5 on foot, 19.5 by car). Total party-miles 294.5 (9.5 on foot, 285 by car). Total 60 species (2 additional subspecies), about 12,920 individuals. Seen in area during count period, but not on count day — Greater Prairie Chicken, House Finch, Mountain Bluebird.

Ray and Karen Ganoung, Greg Nichols, Jim and Jean Piland, Mike Rader (compiler — Box 395, Wilson, KS 67490), Scott Seltman, Marcia Thomas.

**Yoder.** 37° 54'N, 97° 52'W. Center 3 mi S Yoder, KS on the Yoder-Cheyney Rd. at intersection with Arlington Rd. Habitat coverage: cultivated fields 59%, lakes and rivers 5%, fencerows 11%, riparian forest 7%, residential areas 10%, grasslands 6%, marsh 2%. 14 December 1991, 7:15 a.m. to 5:30 p.m., 29° to 43°F; wind N, 15 m.p.h., all waters open; clear; sunny. Thirteen observers in 5 parties. Total party-hours 35.25 (12.75 on foot, 22.5 by car). Total party-miles 221.25 (28.25 on foot, 193 by car). Total 51 species, about 11,308 individuals.

Lorena Combs, Dan Dyck, Edward Dyck, Heidi Dyck, Jennifer Dyck, Linda Dyck, Marilla Dyck, Tony Dyck, Allen Harrison, Allen Jahn, Jean Muncrief, James Smith (compiler — 3002 East 30th, Hutchinson, KS 67502), Marcalee Webb.

SPECIES	Arkansas City	Baldwin	Baxter Springs	Byron Walker	Camp Naish	Cedar Bluff	Cheyenne Bottoms	Cimarron	Dodge City	El Dorado	Emporia	Garden City	Halstead-Newton	Hays
Common Loon														
Pied-billed Grebe		1				2								
Horned Grebe														
Eared Grebe														
White Pelican			1											
Double-crested Cormorant			12			1								
Great Blue Heron	7	4	15	6	1	1				4	10			1
Trumpeter Swan														
Gr. White-fronted Goose											12			
Snow Goose (White morph)		13			9						2200			
Snow Goose (Blue morph)		4												
Ross's Goose														
Canada Goose	7	9	14		140	170	45	11	42	3606	527	22	28	100
Wood Duck												18		
Green-winged Teal												260		
American Black Duck														
Mallard	4	143	52	17	17	700		1	128	59	275	1692		2
Blue-winged Teal												4		
Northern Pintail						2				2	1	40		
Northern Shoveler											6			
Gadwall		13	1							36		3		
American Wigeon		12				4						40		
Canvasback											10			
Redhead										2	4			
Ring-necked Duck											3			
Lesser Scaup			18			3					2			
Oldsquaw														
Common Goldeneye	3	24	47	2	4	100				509	319			
Bufflehead		14	17			2					1			
Hooded Merganser			1							20				
Common Merganser		7		2		200				10036	4			
Red-breasted Merganser														
Ruddy Duck														
Bald Eagle	10			2		5			1	2	2			
Northern Harrier	5	6		3		6	7	25	3	36	34	23	4	9
Sharp-shinned Hawk	1	2						2		2	1	2		1
Cooper's Hawk	2					1				1	1			
Northern Goshawk														
Accipiter Sp.								2						
Red-shouldered Hawk			2											
Red-tailed Hawk	73	88	14	19	8	8	19	6	11	49	113	21	90	9
Red-tailed (Harlan's) Hawk										2	2		1	
Ferruginous Hawk								45	2			18		1
Rough-legged Hawk	1					3		8	1	9	9	9		1
Buteo Sp.							6							
Golden Eagle						1		5	1					
American Kestrel	38	39	6	10		5	1	15	15	31	13	11	34	8
Merlin								8		1	1	1		
Peregrine Falcon										1				
Prairie Falcon	4			1				1	6	1	1	3	2	3
Falco Sp.								1						
Ring-necked Pheasant	17			3		21		5	3	3	5	8	8	71
Greater Prairie Chicken											16			
Lesser Prairie Chicken												1		
Wild Turkey	1	1									1		251	
Northern Bobwhite	46	19	12					10		59	212	88	45	18
Scaled Quail												12		
American Coot											9			
Killdeer			1											
Common Snipe												3		
Pomarine Jaeger														
Stercorarius Sp.														
Franklin's Gull														
Ring-billed Gull	68	11	635		5	40				685	540		2	
California Gull														
Herring Gull						1				39	4			
Thayer's Gull														
Glaucous Gull														
Bonaparte's Gull			24								3			
Black-legged Kittiwake														
Larus Sp.														
Rock Dove	227	89	4	2	4	2		33	106	135	180	228	111	336
Mourning Dove	1	38								2	10		13	5
Greater Roadrunner														
Barn Owl	1													
Eastern Screech-Owl		2			5	3		4			5			
Great Horned Owl	7	16	1		3	2	4	4		5	9	13	6	7
Long-eared Owl		1				25		3			2			5
Short-eared Owl		1				15								
Barred Owl	3	8	1							4	11			
Northern Saw-whet														1
Belted Kingfisher	2	5	2	1						5	1		2	1
Red-headed Woodpecker	5	4			27						3			
Red-bellied Woodpecker	57	71	14	7	19				1	17	47	3	51	2
Yellow-bellied Sapsucker	2	1						1			3			
Downy Woodpecker	74	108	16	14	17	13	2	6	4	30	60	3	61	4

SPECIES	Arkansas City	Baldwin	Baxter Springs	Byron Walker	Camp Naish	Cedar Bluff	Cheyenne Bottoms	Cimarron	Dodge City	El Dorado	Emporia	Garden City	Halstead-Newton	Hays
Hairy Woodpecker	9	16	2	1	4	1		1			7	1	2	1
Ladder-backed Woodpecker								1						
Northern Flicker	42	12			11	16	19	22		18		3	11	4
Yellow-shafted	24	48	21	29		1			7	17	31	1	11	3
Red-shafted				2		1			1	1	6	5	3	
Pileated Woodpecker	4	1	9		1						1			
Horned Lark	58	29	2	53		208	91	2260	1557	76	138	1947	180	386
Blue Jay	139	161	24		44		5		12	26	106	37	143	3
Black-billed Magpie						32	5	61	37			142		4
American Crow	190	211	47	65	19	50	6	14	147	128	238	31	266	99
Black-capped Chickadee		260		46	57	95	30		8	52	273		217	26
Carolina Chickadee	267		24											
Chickadee Sp.														
Tufted Titmouse	81	73	15		58					14	61		6	
Red-breasted Nuthatch				1				1	2		6	1		2
White-breasted Nuthatch	26	42	12	3	14	10	1	7	2	8	15	3	19	10
Brown Creeper	8	2	2		3			3		1	3		1	1
Carolina Wren	32	11	15		9					5	7		3	
Bewick's Wren	2							1			1			
Winter Wren	1	1	1		1						1		2	2
House Wren														
Marsh Wren														
Golden-crowned Kinglet	14						1			1				
Ruby-crowned Kinglet		1												
Eastern Bluebird	64	96	10	20	1	1				8	2			
Mountain Bluebird						9								
Townsend's Solitaire						3		5					1	
Hermit Thrush	1													
American Robin	962	154	81	43		1	1	39		52	362	3	25	
Northern Mockingbird	14	14	2						1		2	4	2	2
Brown Thrasher														
Curve-billed Thrasher												1		
Bohemian Waxwing														
Cedar Waxwing	177	802	2							1	379	2	55	
Northern Shrike								2				2		
Loggerhead Shrike	7	13	1	2			2	13		10	15			
European Starling	5350	2239	310	84	8	40		216	656	814	2000	40936	3	1611
Yellow-rumped Warbler	4	6											1105	
Northern Cardinal	299	409	72	49	24	1	3	2	9	108	390		116	5
Rufous-sided Towhee	14	1		1	2					3	4		6	1
American Tree Sparrow	877	461	12	229		256		1709		1184	452	145	954	465
Clay-colored Sparrow												2		
Field Sparrow	1		1							1	3	1		
Vesper Sparrow										2				
Lark Bunting								4						
Savannah Sparrow			2							1				
LeConte's Sparrow														
Fox Sparrow	2													
Song Sparrow	53	11	18	6	2	21		20	72	94	6	6	30	1
Lincoln's Sparrow	1										1			
Swamp Sparrow	2	2	3							1				
White-throated Sparrow											1		1	
White-crowned Sparrow	1	10	2	1				53			1	104		
Harris' Sparrow	1251	39	8	169		50	9	4	4	615	122	43	1082	12
Dark-eyed Junco		439			26	7	13	617				105		16
White-winged														
Slate-colored	959		40	67		50		325	68	169	209	11	394	40
Oregon	8	3		27		6		362	1	1	3	54	1	15
Gray-headed								1						
Sparrow Sp.							221							
McCowan's Longspur												1		
Lapland Longspur	4					22		650			134	5		11
Chestnut-collared Longspur								8						
Longspur Sp.								350						
Red-winged Blackbird	867	156	10800	13411		20	35	713		4070	13887	555	1061	96
Eastern Meadowlark	1	6	1	82							279		1	
Western Meadowlark	4			20		60		336	248			105	2	184
Meadowlark Sp.	446	296	49				99			174			304	
Rusty Blackbird	8									5	5			
Brewer's Blackbird										11	23		1500	
Common Grackle	2		1004						3	15	14	28		1
Great-tailed Grackle												192		
Brown-headed Cowbird	7		2100					3		1009	421	115	1	2
Purple Finch	1	2										1	4	
House Finch	7	2						736	297		55	423	65	166
Pine Siskin						1		272	7		3	24		
American Goldfinch	363	136	47	43	31	130	2	140	5	85	93	15	388	16
Evening Grosbeak														
House Sparrow	995	843	25	104	17	100		1671	614	176	1272	4029	1335	1001
TOTAL INDIVIDUALS	14315	7762	15677	14647	591	2529	650	10824	4076	24354	25704	51611	10009	4769
TOTAL SPECIES	70	63	57	31	32	51	25	50	35	64	83	58	49	46

SPECIES	Hillsdale Reservoir	Junction City	Kirwin Reservoir	Lawrence	L'worth- Atchison	Liberal- SewardCo.	Linn County	Man- hattan	Meade County	Olathe	Olsburg	Os'loosa- PerryLake	Parsons	Pomona Lake
Common Loon		5					1							
Pied-billed Grebe							1	1				1		
Horned Grebe														
Eared Grebe				1										
White Pelican								1				3		
Double-crested Cormorant				3			2	3				5	8	
Great Blue Heron		36		33	1	3	5	28				12	4	4
Trumpeter Swan														
Gr. White-fronted Goose			1				31							
Snow Goose (White morph)			220	150	1922		2460					40		
Snow Goose (Blue morph)			162		478		334			1		2		
Ross's Goose							3							
Canada Goose		72	18000	540	218	85	9050	103	3500	989	40	17	85	160
Wood Duck						1	8							
Green-winged Teal			2			35	3	250						
American Black Duck														
Mallard		149	7500	500	325	800	1397	1014	750	172	440	298	36257	42
Blue-winged Teal													400	
Northern Pintail		1	2	2	3	1	1			1		36		
Northern Shoveler					5								25	
Gadwall	14	54	2	83		1	16	65		3	12	166	2	52
American Wigeon			3	6		13	10				20	9		
Canvasback				1		7								
Redhead									2					
Ring-necked Duck							92							2
Lesser Scaup				4	3	17	59		6	3		90	9	5
Oldsquaw														
Common Goldeneye	11	55		148	119	3	25	86	4	4	15	150		47
Bufflehead	3	3	1	6		3	12	19	2			8		
Hooded Merganser	2	2	2	100		3	11	15						
Common Merganser	3	10135	24	1900		3	10	385	1		220	2554		860
Red-breasted Merganser														
Ruddy Duck					1									
Bald Eagle	2	34	5	73	24	1	11	58	3	1	14	42	4	1
Northern Harrier	3	11	7	13		7	9	20	1		2	17	16	8
Sharp-shinned Hawk		6		5		2	3	4		3				1
Cooper's Hawk		3		1	1			6			2		1	
Northern Goshawk								1			2			
Accipiter Sp.														
Red-shouldered Hawk							1			1				
Red-tailed Hawk	20	95	16	159	99	6	87	137	2	94	58	175	148	82
Red-tailed (Harlan's) Hawk		3						5		2	3		3	
Ferruginous Hawk						14								
Rough-legged Hawk		6					1	1	1		1	1		
Buteo Sp.				6								7		4
Golden Eagle									1					
American Kestrel	9	42	13	37	28	5	30	40	2	32	11	27	34	29
Merlin			1											
Peregrine Falcon				1										
Prairie Falcon		1		2				3	2					
Falco Sp.				1										
Ring-necked Pheasant		9	6		5	4		27	1		13	1		
Greater Prairie Chicken		82						102			42			
Lesser Prairie Chicken														
Wild Turkey		66	95	21		5	23	66	17		15	2		9
Northern Bobwhite		78	16	152	19		39	691	26	38	137	93	70	99
Scaled Quail														
American Coot		1		2			1	7		1		6		
Killdeer				5	1	1		2		2		1		
Common Snipe								1		3				
Pomarine Jaeger		1												
Stercorarius Sp.		1												
Franklin's Gull								1						
Ring-billed Gull	46	706	17	1220	34		157	2387		597	95	545	13	229
California Gull														
Herring Gull	21	21	1	16	1		3	73		1	6	9		27
Thayer's Gull								1						
Glaucous Gull											1			
Bonaparte's Gull	40			35				2				29		
Black-legged Kittiwake										1				
Larus Sp.				300								200		2
Rock Dove	5	65	17	810	175	7	218	425		185	42	73	10	32
Mourning Dove	6	24		68	60		3	7		73	12	32	21	38
Greater Roadrunner														
Barn Owl														
Eastern Screech-Owl		4	3	10	4		5	3		1	1	23		5
Great Horned Owl		10	9	16	3		13	7	2	15	4	18	1	9
Long-eared Owl		3							2	2				
Short-eared Owl														
Barred Owl		6		6	3		11	3		2	2	8		3
Northern Saw-whet														
Belted Kingfisher		10		13	2		5	26	1	9	1	4	1	3
Red-headed Woodpecker	1			34	20		1	1		6		41	2	
Red-bellied Woodpecker	3	50	3	99	38	4	80	117	4	55	26	74	30	51
Yellow-bellied Sapsucker		2		5			1	4				6	1	
Downy Woodpecker	17	82	8	119	70	9	78	189	5	83	58	98	28	63

SPECIES	Hillsdale Reservoir	Junction City	Kirwin Reservoir	Lawrence	L'worth- Atchison	Liberal- Seward Co.	Linn County	Man- hattan	Meade County	Olathe	Olsburg	Os'loosa- Perry Lake	Parsons	Pomona Lake
Hairy Woodpecker	3	29	6	22	10	2	13	26	3	13	7	14	1	16
Ladder-backed Woodpecker														
Northern Flicker	2	18	8	32	29	4	38	45	6			26	39	39
Yellow-shafted	8	21	9	64	14		47	53	1	19	26	51		35
Red-shafted		2		1				8	1					1
Pileated Woodpecker				1			5			2			4	
Horned Lark	8		19	45	17	175	1	121	264	3		46	186	26
Blue Jay	24	101		211	148	9	151	203		164	84	289	60	188
Black-billed Magpie		3	8			3			4		3			
American Crow	42	677	10	534	89	6	244	2223	43	385	638	430	175	393
Black-capped Chickadee	34	328	34	582	105		224	981	2	293	230	359		307
Carolina Chickadee							2						53	
Chickadee sp.														
Tufted Titmouse	7	43		169	17		90	213		91	33	119	13	69
Red-breasted Nuthatch		3				1				1				
White-breasted Nuthatch	2	36	7	68	36	8	47	104	3	33	20	93	4	41
Brown Creeper		3		8	2	1	3	8	3	4	2	5		6
Carolina Wren		19		31	13		37	23		10	6	21	2	17
Bewick's Wren		7						3	4		4			
Winter Wren				2	2			2		1	1			
House Wren														
Marsh Wren						3								
Golden-crowned Kinglet		12	2	1	2			27	53	1	10	4		1
Ruby-crowned Kinglet														
Eastern Bluebird	4	28	1	88	26		152	7	3	2		45	279	73
Mountain Bluebird		18	36								13			
Townsend's Solitaire						1			1	1				
Hermit Thrush														
American Robin	15	44	5	350	40	35	130	33	1		1	31	34	581
Northern Mockingbird	1	3		18	2	1	10	2		7		11	28	6
Brown Thrasher														
Curve-billed Thrasher														
Bohemian Waxwing														
Cedar Waxwing	39	72		207	39	2	85	67		64		86	22	587
Northern Shrike							1							
Loggerhead Shrike	1	5		17	6		21	9	4	1	1	19	13	12
European Starling	59	264	563	5120	1526	25050	574	3150	9	1466	6	1805	279	1000
Yellow-rumped Warbler		1		12				1	2			4		
Northern Cardinal	97	231	9	591	113		511	684	3	284	210	306	119	467
Rufous-sided Towhee		9		5			5	9			3	3	2	2
<b>American Tree Sparrow</b>	<b>240</b>	<b>418</b>	<b>375</b>	<b>1110</b>	<b>64</b>	<b>300</b>	<b>779</b>	<b>665</b>	<b>11</b>	<b>451</b>	<b>410</b>	<b>529</b>	<b>59</b>	<b>470</b>
Clay-colored Sparrow														
Field Sparrow	1						1	1		2	1	1	26	1
Vesper Sparrow														
Lark Bunting														
Savannah Sparrow				1										
LeConte's Sparrow				1										
Fox Sparrow				2							1			
Song Sparrow	19	61	3	104	38	5	60	73		39	43	18	9	29
Lincoln's Sparrow								1						1
Swamp Sparrow				16	2		3	1		1		1		
White-throated Sparrow				1	1		6	9			1	2	2	
White crowned Sparrow	10	4		1		2	29			3	4	3	22	2
Harris' Sparrow	47	240	9	93			71	177	2	17	127	73	54	131
Dark-eyed Junco		83	18	458		346	571		61			317	274	262
White-winged														
Slate-colored	77	418	54	550	148		157	1345		419	692	462		170
Oregon		2	1	43	76		13	11		1	1	4		5
Gray-headed														
Sparrow Sp.														
McCowan's Longspur														
Lapland Longspur			25	6	3	60								
Chestnut-collared Longspur														
Longspur Sp.														
Red-winged Blackbird	35	74	150	107	286	300	806	91	379	198	110	595	1883	483
Eastern Meadowlark	18	14	2	21	1		46	84		35	15	20	917	129
Western Meadowlark		35	6	26	1	150		47	8		40	1		1
Meadowlark Sp.		46	26	390	32		240	89		8	12	348		564
Rusty Blackbird					1							3	2	52
Brewer's Blackbird			1			5					1	3		
Common Grackle					34			4			22		1	4
Great-tailed Grackle					300	50	1							
Brown-headed Cowbird			1		103	3	1	3	25			106	8	
Purple Finch		3					2	1		2	4	1		
House Finch		2		93	2	1010	1	1	34	1				34
Pine Siskin				1	2		2	2			1		1	
American Goldfinch	19	190	32	331	66	7	140	455	15	152	503	144	211	80
Evening Grosbeak														
House Sparrow	100	741	1498	1750	620	750	519	1364	195	599	153	1100	256	1279
<b>TOTAL INDIVIDUALS</b>	<b>1118</b>	<b>16237</b>	<b>29054</b>	<b>19989</b>	<b>7677</b>	<b>29331</b>	<b>20147</b>	<b>18813</b>	<b>5475</b>	<b>7152</b>	<b>4735</b>	<b>12422</b>	<b>42211</b>	<b>9431</b>
<b>TOTAL SPECIES</b>	<b>43</b>	<b>71</b>	<b>51</b>	<b>79</b>	<b>64</b>	<b>55</b>	<b>79</b>	<b>83</b>	<b>48</b>	<b>62</b>	<b>65</b>	<b>74</b>	<b>57</b>	<b>59</b>

SPECIES	Quivira Refuge	Salina	Sawyer	Scott Lake	SE Kansas MinedLand	Syracuse	Topeka	Tribune	Udall- Winfield	Waconda Lake	Webster Reservoir	Wichita	Wilson Reservoir	Yoder	TOTAL
Common Loon										1					7
Pied-billed Grebe							1					4			11
Horned Grebe													1		1
Eared Grebe															1
White Pelican											1				7
Double-crested Cormorant										8		2			44
Great Blue Heron	1		10	1	3	1	14		5		8	10	2	6	236
Trumpeter Swan											5				6
Gr. White-fronted Goose	76									120		1			241
Snow Goose (White morph)	14				12		9			26		1			7076
Snow Goose (Blue morph)					2					21	1				1005
Ross's Goose															3
Canada Goose	1847	45	111	310	5	255	333		131	5231	1600	4323	196	53	52020
Wood Duck									2			8			37
Green-winged Teal				1						6	2	33			592
American Black Duck										1					1
Mallard	255	4	14	93	4	10	945		929	5240	6020	1260	751	31	68290
Blue-winged Teal														14	418
Northern Pintail	21			1							7				121
Northern Shoveler								2		1					39
Gadwall							38		2		3	132	3		701
American Wigeon										1	65	66	1		250
Canvasback															18
Redhead												15	1		24
Ring-necked Duck							13					10			120
Lesser Scaup							39			1		10			269
Oldsquaw											1				2
Common Goldeneye	6						54		18	670	150	76	2500		5149
Bufflehead							16		12	15		25	60		219
Hooded Merganser				1					2		4	9	31		203
Common Merganser			2				31		46	873	1600		4500	2	33398
Red-breasted Merganser											3				3
Ruddy Duck												1			2
Osprey														1	1
Bald Eagle	9			1			13		1	7	10		6	1	343
Northern Harrier	9	2	17	24	9	3	3		15	2	7	2	14	28	410
Sharp-shinned Hawk	4					3	4		1	2	1		1	3	54
Cooper's Hawk	1	1	5			1	6		4	1			2	1	43
Northern Goshawk															4
Accipiter Sp.		1			1						1				4
Red-shouldered Hawk															4
Red-tailed Hawk	62	29	27	12	77	19	115		111	25	18	48	32	52	2333
Red-tailed (Harlan's) Hawk			1		2		1				1			1	27
Ferruginous Hawk	2			23		17								2	124
Rough-legged Hawk	4		1	17			1				2			2	79
Buteo Sp.		10			10										43
Golden Eagle				2		1							2		13
American Kestrel	33	22	14	15	21	19	37		45	5	14	19	36	22	867
Merlin				4		1				1					18
Peregrine Falcon															2
Prairie Falcon	4		5	16	1	4			4	1	2		1	4	72
Falco Sp.															2
Ring-necked Pheasant	49	9	3	11			1		1	36	16	7	27	14	387
Greater Prairie Chicken										1					243
Lesser Prairie Chicken															1
Wild Turkey	75		141	15	13	30	4		43			6			910
Northern Bobwhite	116	66	41		22	30	176		92	2	4	10	60	20	2610
Scaled Quail															12
American Coot	1						2					48			78
Killdeer												1			14
Common Snipe									1			1			9
Pomarine Jaeger															1
Stercorarius Sp.															1
Franklin's Gull															1
Ring-billed Gull							142		32	490	400	6135	350	329	15910
California Gull									1				1		2
Herring Gull	1									64	70	12	4		374
Thayer's Gull										1	1				3
Glaucous Gull												3			4
Bonaparte's Gull							50			1			90		274
Black-legged Kittiwake															1
Larus Sp.															502
Rock Dove	2	610	27	41	91	111	687		193	42	25	690	5	62	6107
Mourning Dove	1	18		1			260		8			18			721
Greater Roadrunner			1												1
Barn Owl															1
Eastern Screech-Owl	5			6	2	4	4		5	5	4	4			117
Great Horned Owl	8	2	1	25	7	11	13	1	20	2	11	8	8	4	305
Long-eared Owl				1								1			45
Short-eared Owl															16
Barred Owl					5		5		4						86
Northern Saw-whet															1
Belted Kingfisher		1	2	2	1	1	10		4			13	4	5	137
Red-headed Woodpecker							11	1	1						158
Red-bellied Woodpecker	11	11	12	10	34	1	88		54	28	8	12	11	19	1222
Yellow-bellied Sapsucker	1						3		2			4			36

SPECIES	Quivira Refuge	Salina	Sawyer	Scott Lake	SE Kansas MinedLand	Syracuse	Topeka	Tribune	Udall- Winfield	Waconda Lake	Webster Reservoir	Wichita	Wilson Reservoir	Yoder	TOTAL
Downy Woodpecker	17	17	27	25	35	8	148		45	20	4	34	19	26	1744
Hairy Woodpecker	3	1	3	16		1	29		2	10	2	2	4	10	293
Ladder-backed Woodpecker								1							2
Northern Flicker	52	3	12	10	33	2	11		4		2	6	2	10	591
Yellow-shafted	7	3	6	19	30		60	3	39	17	9	19	21		774
Red-shafted	3		1	6		6	1		3	2	2		3		59
Pileated Woodpecker					3				1						32
Horned Lark	131	193	251	32427	435	1616	36		283	205	230	2	12	166	43883
Blue Jay	16	11	7	10	39	5	363	6	98	70	15	80	8	53	3113
Black-billed Magpie	23	2	4	66		236			32	42			31		734
American Crow	100	325	166	1	144	34	487		213	111	135	23452	231	179	32978
Black-capped Chickadee	84	102	77	107		21	528		107	67	52	164	86	123	6061
Carolina Chickadee									82						428
Chickadee Sp.					69										69
Tufted Titmouse		2	7		18		128		69			24		4	1424
Red-breasted Nuthatch												1			19
White-breasted Nuthatch	2	7	16	22	2	2	86	1	36	11	4	14	2	7	886
Brown Creeper	2		2	12		2	3	1	5	9	1	15	3		124
Carolina Wren		1	2		6		12		14			17			313
Bewick's Wren									1						23
Winter Wren			1	1								1			20
House Wren												1			1
Marsh Wren				1		1							3		9
Golden-crowned Kinglet		1	7	34					6			26	13		215
Ruby-crowned Kinglet		1	1						3						6
Eastern Bluebird	9	1	12	8	22		64		60		5		6		1097
Mountain Bluebird			2												78
Townsend's Solitaire				7		2				1	5	1	2		30
Hermit Thrush															1
American Robin	307	9	1272	76	101	2	75		237	65	118	7	166	19	5477
Northern Mockingbird				1	19		5		16			4			173
Brown Thrasher			1				2		2						7
Curve-billed Thrasher															1
American Pipit									12						12
Bohemian Waxwing	1														1
Cedar Waxwing	12		2	30	2		63		264	1		6	32	1	3101
Northern Shrike			1	2		3									12
Loggerhead Shrike	2	2	8	1	14		8		13		1	2	1	11	235
European Starling	138	1287	128	1851	578	240	4163		1109	1015	270	8146	40	450	114553
Yellow-rumped Warbler					3				1						2
Northern Cardinal	65	69	34	3	190	2	651		234	47	24	224	44	108	6807
Rufous-sided Towhee				4	2	1	9				4	12			100
American Tree Sparrow	1081	136	762	555	38	293	242	40	905	450	460	1061	1508	1252	21408
Clay-colored Sparrow															2
Field Sparrow			3						4			13			61
Vesper Sparrow															2
Lark Bunting															4
Savannah Sparrow															4
LeConte's Sparrow															1
Fox Sparrow									1						6
Song Sparrow	16	2	22	20	4	25	15		68	19	14	127	40	7	1220
Lincoln's Sparrow				2		2			2						10
Swamp Sparrow				2						2		2			38
White-throated Sparrow					1	1	23		3			6			58
White-crowned Sparrow	6			11	40	33	3		1	1		20	3		370
Harris' Sparrow	257	46	225	151	87	19	73		1903	165	130	901	70	919	9395
Dark-eyed Junco		123	173	364	65	115	227				67		10	414	5171
White-winged	1														1
Slate-colored	347			90	137	25	602	12	612	215	325	1050	290		10529
Oregon	4			39		11	8	2	30	6	4	11	7		760
Gray-headed															1
Sparrow Sp.															221
McCowan's Longspur															1
Lapland Longspur			10	5622		92	10		100	10	340		25	75	7204
Chestnut-collared Longspur															8
Longspur Sp.															350
Red-winged Blackbird	476	1	2258	290	7453	8	64	2	1073	3500	226	333	1200	5681	73733
Eastern Meadowlark	122						2		3	2					1801
Western Meadowlark	37		210	108		350	1		1	2	4		2		1989
Meadowlark Sp.	281	101			399		50		423	300	80	99	62	522	5440
Rusty Blackbird	4	275	25		51				25	1					457
Brewer's Blackbird				7		15			91			1			1670
Common Grackle	14	5	1		8		4		4	1	1	390		2	1562
Great-tailed Grackle												2068			2611
Brown-headed Cowbird	1	275		1					25			408		15	4633
Purple Finch				19			10								61
House Finch		4	5	231		490	249	12	17	40	43	64		5	4092
Pine Siskin		20		22		1	1	1		1		1	1		362
American Goldfinch	396	96	42	124	78	154	249		355	62	70	211	192	111	5979
Evening Grosbeak			1												1
House Sparrow	72	846	237	2284	142	700	2042	50	615	450	245	1627	80	459	32955
TOTAL INDIVIDUALS	6707	4798	6460	45315	10570	5040	13936	135	11009	19839	12999	53688	12920	11306	626032
TOTAL SPECIES	58	45	57	64	46	51	70	14	77	64	60	79	60	51	