

Kansas Ornithological Society

BULLETIN

PUBLISHED QUARTERLY

Vol. 34

March, 1983

No. 1

WINTER BIRD COUNT FOR 1982

John L. Zimmerman

The 30 counts in which members of the Kansas Ornithological Society and their friends participated this season was not quite a record. The 146 species observed ties the record number made last year, actually exceeds the record if the Gray-headed Junco had not succumbed to the recent trend in gene pool pooling. But there is no doubt about the 556 participants, an over 10 percent increase above the previous high set in 1980. The weather on the various count days this year was also exceptionally pleasant; many compilers commented on how delightful it was just to be out. But not all were so fortunate. Stan Roth and his noble band at Camp Naish finally wiped off their binoculars for the last time at noon after a morning of continual rain. The folks in Salina had trouble seeing through the fog, but probably were thankful that they did not have the 40 m. p. h. winds with which the Pawnee-Rush Counties count contended.

It was not a northern finch winter. Pine Siskins were noticeably absent, only being present on eight counts and then in very low numbers. Lawrence had a Common Redpoll, and a single Evening Grosbeak was seen in both Junction City and Manhattan. But the boreal forest was represented by the Northern Goshawk which was discovered on eight counts across the state from Kansas City on the east to Kanopolis Reservoir on the west.

Certainly the mild winter prior to the count period contributed to the widespread lingering by many species that should have been further south: Blue-winged Teal, Northern Shoveler, Ruddy Duck, Bonaparte's Gull, Ruby-crowned Kinglet (on about half the counts), Hermit Thrush, Brown Thrasher (on over a third of the counts), Vesper Sparrow, Savannah Sparrow (on about a fourth of the counts).

Yet I think if I would characterize this year's counts, it would be the abundance of rare birds. Four new species were added to the Kansas winter count list. A Green-backed Heron was seen by the Eugene Willett party along one of the ponds on the Menninger West Campus during the Topeka count. In Kansas City, Philip Kaul and his party discovered a Nashville Warbler near the dam of the Wyandotte County lake. While "squeeking-up" a mixed species flock of kinglets, juncos, nuthatches and a single Yellow-rumped Warbler on the campus of Southwestern College in Winfield, Max Thompson suddenly was confronted with the bright yellow, black streaked belly of a female Cape May Warbler perched in plain sight not ten feet away. On the Lawrence count Calvin Cink and Roger Boyd flushed a Western Tanager from the ground at the north end of Mary's Lake and then were able to watch the bird over the next twenty minutes. There were two additional species reported on two other counts that would have also been new species, but since no descriptive evidence was submitted in support of the observations they were not accepted. Although not new to the winter count list, other rare winter records that were well documented by compilers were a Common Yellowthroat at Halstead-Newton, an Oldsquaw and Rock Wren at Wilson Reservoir, two Red-breasted Mergansers on the Linn County count, a Red-shouldered Hawk at Emporia, a Rufous-crowned Sparrow on the Junction City count, and a Gray Catbird at Hillsdale Reservoir in Miami County. As you read through the following reports you will also discover many unusual, but not completely unexpected, species as well. Eighteen counts (60%) had at least one species seen on no other count, attesting to the widespread distribution of good finds.

Arkansas City. 37° 02' N, 97° 02' W. Center intersection U.S. 77 and Arkansas River. Habitat coverage: riparian forest 35%; cultivated fields 30% grassland 20%; residential areas 10%; lakes and rivers 5%. December 31, 1982. 8:00 a.m. to 5:00 p.m.; 28°F to 38°F; wind S, 6 - 15 m.p.h.; waters open; 0 - 1" snow cover; clear. Fifteen observers in 6 parties. Total party-hours 46 (30 on foot, 16 by car). Total party-miles 227 (28 on foot, 199 by car).

Double-crested Cormorant 28; Great Blue Heron 20; Canada Goose 14; Mallard 10; Northern Shoveler 1; Gadwall 14; Bufflehead 1; Bald Eagle 24; Northern Harrier 8; Cooper's Hawk 1; Red-tailed Hawk 61; Red-tailed (Harlan's) Hawk 2; Ferruginous Hawk 1; Golden Eagle 1; American Kestrel 21; Prairie Falcon 2; Northern Bobwhite 171; Killdeer 17; Least Sandpiper 1 (no details - Ed.); Ring-billed Gull 164; Rock Dove 100; Mourning Dove 14; Great Horned Owl 9; Barred Owl 3; Belted Kingfisher 9; Red-bellied Woodpecker 40; Yellow-bellied Sapsucker 9; Downy Woodpecker 45; Hairy Woodpecker 9; Northern (Yellow-shafted) Flicker 33; Northern (Red-shafted) Flicker 4; Pileated Woodpecker 5; Horned Lark 2900; Blue Jay 58; American Crow 261; Carolina Chickadee 400; Tufted Titmouse 38; White-breasted Nuthatch 30; Brown Creeper 3; Bewick's Wren 1; Winter Wren 1; Golden-crowned Kinglet 9; Ruby-crowned Kinglet 3; Eastern Bluebird 25; American Robin 1224; Northern Mockingbird 12; Brown Thrasher 1; Cedar Waxwing 55; Loggerhead Shrike 8; European Starling 3600; Northern Cardinal 155; Rufous-sided Towhee 9; American Tree Sparrow 1000; Field Sparrow 5; Savannah Sparrow 53 (no details, number of individuals unbelievable without some comment from compiler - Ed.); Fox Sparrow 3; Song Sparrow 55; Swamp Sparrow 2; White-crowned Sparrow 15; Harris' Sparrow 1300; Dark-eyed (Slate-colored) Junco 800; Dark-eyed (Oregon) Junco 7; Lapland Longspur 4000; Red-winged Blackbird 1440; Eastern Meadowlark 6; Western Meadowlark 121; *Sturnella* sp. 823; Brewer's Blackbird 4; Brown-headed Cowbird 79; Purple Finch 15; American Goldfinch 358; House Sparrow 750. Total 68 species (3 additional subspecies), about 20,371 individuals. Seen in area during count period, but not on count day - Ring-necked Pheasant, Hermit Thrush.

Renee Baade, Mike Lesan, Geula and Nathan McDonald, Jean and Miriam Roark, Don Vanoy (compiler - 2458 Coolidge, Wichita, KS 67204), Dale Virden, John and Louise Wherry, Gerald Wiens, Mary and Ralph Wiley, Agnes and Ross Williams.

Baldwin. 32° 47' N, 95° 16' W. Center junction highways 56 and 59. Habitat coverage as described in 1981. December 19, 1982. 5:30 a.m. to 5:30 p.m.; 34°F to 52°F; wind S, 5 - 15 m.p.h.; water mostly open; no snow cover; clear A.M., partly cloudy P.M. Thirty-three observers in 9 parties. Total party-hours 61.9 (27.5 on foot, 34.4 by car) plus 3.5 hrs. owling and 8 hrs. at feeders. Total party-miles 469.1 (26.4 on foot, 422.7 by car) and 20 miles owling.

Great Blue Heron 1; Snow Goose (white morph) 40; Snow Goose (blue morph) 18; Canada Goose 12; Green-winged Teal 60; Mallard 67; Gadwall 20; American Wigeon 12; Redhead 1; Ring-necked Duck 27; Lesser Scaup 6; Common Goldeneye 8; Ruddy Duck 1 (no details - Ed.); Northern Harrier 4; Sharp-shinned Hawk 1; Cooper's Hawk 2; Northern Goshawk 1 (excellent details - Ed.); Red-tailed Hawk 209; Red-tailed (Harlan's) Hawk 1; Rough-legged Hawk 3; American Kestrel 57; Northern Bobwhite 92; Rock Dove 66; Mourning dove 15; Eastern Screech-owl 6; Great Horned Owl 25; Barred Owl 7; Long-eared Owl 1; Belted Kingfisher 1; Red-headed Woodpecker 106; Red-bellied Woodpecker 64; Yellow-bellied Sapsucker 3; Downy Woodpecker 65; Hairy Woodpecker 13; Northern (Yellow-shafted) Flicker 51; Northern (Red-shafted) Flicker 4; Northern Flicker ssp. 7; Horned Lark 440; Blue Jay 270; American Crow 378; Black-capped Chickadee 275; Tufted Titmouse 43; White-breasted Nuthatch 51; Brown Creeper 9; Carolina Wren 1; Winter Wren 1; Golden-crowned Kinglet 11; Ruby-crowned Kinglet 4; Eastern Bluebird 43; American Robin 139; Northern Mockingbird 20; Loggerhead Shrike 22; European Starling 1682; Yellow-rumped (Myrtle) Warbler 2; Northern Cardinal 380; Rufous-sided Towhee 8; American Tree Sparrow 564; Field Sparrow 21; Fox Sparrow 2; Song Sparrow 37; Lincoln's Sparrow 2; Swamp Sparrow 1; White-crowned Sparrow 80; Harris' Sparrow 193; Dark-eyed (Slate-colored) Junco 976; Dark-eyed (Oregon) Junco 3; Lapland Longspur 50; Red-winged Blackbird 214; Eastern Meadowlark 130; Western Meadowlark 44;

Sturnella sp. 203; Rusty Blackbird 20; Common Grackle 1; Purple Finch 59; American Goldfinch 104; House Sparrow 505. Total 70 species (3 additional subspecies), about 8065 individuals. Seen in area during count period, but not on count day - Killdeer.

Amelia and Donald Betts, Jan, Margaret and Roger Boyd (compiler - Biology Dept., Baker Univ., Baldwin City, KS 66006), Eleanor, John, Johnnie and Martin Brockway, Calvin Cink, Steve Crawford, Lois Cromwell, Chrissy Davis, Ruth Fauhl, Faye and Paul Heckman, Katharine Kelly, Marno McKaughan, Barbara and Martin Pressgrove, Todd Proch, Heather Robinson, Tom Rodhouse, Rhoda Spear, Bill Stark, Don Stout, Genny Walters, William Wendt, Mark and Suzanne Whitaker, Angie Zarger, John and Linda Zempel (Baldwin Bird Club).

Camp Naish. 39° 04' N, 94° 52' W. Center corner of sections 21, 22, 27 and 28, T11S, R23E, Leavenworth County. Habitat coverage: riparian forest 45%; upland deciduous forest 35%; oldfields and fencerows 10%; grassland 5%; swamp 4%; lake and river 1%. December 27, 1982. 6:00 a.m. to 12:00 noon; 34°F to 38°F; wind NE, 8 m.p.h.; all waters open; no snow cover; fog with drizzle developing into heavy rain. Eleven observers in 1 party. Total party-hours 5 (4.5 on foot, 0.5 by car) plus 1 hr. owling. Total party-miles 8 (6 on foot, 2 by car) and 0.5 miles owling.

Cooper's Hawk 1; Red-tailed Hawk 1; Rock Dove 4; Eastern Screech-owl 4; Great Horned Owl 2; Belted Kingfisher 2; Red-headed Woodpecker 2; Red-bellied Woodpecker 7; Downy Woodpecker 7; Northern Flicker ssp. 1; Blue Jay 35; American Crow 5; Black-capped Chickadee 62; Tufted Titmouse 33; White-breasted Nuthatch 12; Brown Creeper 1; Carolina Wren 1; Winter Wren 1; Golden-crowned Kinglet 5; European Starling 43; Northern Cardinal 27; Song Sparrow 2; Dark-eyed Junco ssp. 46; American Goldfinch 5, House Sparrow 42. Total 25 species, about 353 individuals.

Becca Anderson, Kevin Brown, Ken Clark, Craig Duncan, Chris Hernandez, Ed Hubert, John Marzluff, Marty Mills, Jim Roth, Stan Roth (compiler - Lawrence High School, Lawrence, KS 66044), Terry Smith.

Cimarron National Grassland. 37° 07' N, 101° 52' W. Center 7 miles N, 2 miles E Elkhart, Ks. Habitat coverage: sand-sage grasslands 30%; riparian woodland 25%; ponds 15%; residential areas 15%; cultivated fields 10%; rocky slopes 5%. December 31, 1982. 7:00 a.m. to 6:30 p.m.; 11°F to 35°F; wind SW to W, 0 - 10 m.p.h.; water frozen; snow cover 4 - 8"; clear. Ten observers in 4 parties. Total party-hours 35.75 (15.75 on foot, 20 by car). Total party-miles 209 (16 on foot, 193 by car).

Bald Eagle 2; Northern Harrier 23; Sharp-shinned Hawk 3; Red-tailed Hawk 16; Ferruginous Hawk 8; Rough-legged Hawk 6; *Buteo* sp. 1; Golden Eagle 2; American Kestrel 15; Merlin 4; Prairie Falcon 3; *Falco* sp. 1; Ring-necked Pheasant 101; Lesser Prairie Chicken 8; Wild Turkey 4; Northern Bobwhite 159; Scaled Quail 57; Rock Dove 69; Mourning Dove 35; Eastern Screech-owl 3; Great Horned Owl 18; Ladder-backed Woodpecker 1 (excellent details - Ed.); Downy Woodpecker 11; Hairy Woodpecker 3; Northern (Yellow-shafted) Flicker 8; Northern (Red-shafted) Flicker 53; Say's Phoebe 2 (excellent details - Ed.); Horned Lark 10,071; Black-billed Magpie 74; American Crow 50; *Parus* sp. (not Mountain) 1; Mountain Chickadee 12; (excellent details - Ed.); Bushtit 2 (excellent details - Ed.); Red-breasted Nuthatch 1; White-breasted Nuthatch 1; Bewick's Wren 2; Marsh Wren 5; Townsend's Solitaire 6; American Robin 5; Cedar Waxwing 2; Loggerhead Shrike 3; European Starling 958; Northern Cardinal 1 (excellent details - Ed.); American Tree Sparrow 506; Lark Bunting 50; Song Sparrow 14; Swamp Sparrow 1; White-crowned Sparrow 278; Harris' Sparrow 3; Dark-eyed (Slate-colored) Junco 306; Dark-eyed (Oregon) Junco 326; Dark-eyed (Gray-headed) Junco 2 (excellent details - Ed.); Dark-eyed Junco ssp. 30; McCown's Longspur 11; Lapland Longspur 4340; Chestnut-collared Longspur 1; *Calcarius* sp. 2218; Red-winged Blackbird 3152; Western Meadowlark 833; Common Grackle 1; Brown-headed Cowbird 4; House Finch 75; Pine Siskin 46; American Goldfinch 120; House Sparrow 3027. Total 58 Species (3 additional subspecies), about 27,154 individuals. Seen in area during count period, but not on count day - Cooper's Hawk, Rock Wren.

Wallace Champeny, Robert Fisher, Nanette Johnson, Steve Kingswood, Earl McHugh, Sebastian Patti (compiler - 727 W. Irving Park #3, Chicago, IL 60613), Dale Randall, Jean Schulenberg, Eddie Stegall, Max Thompson.

Dodge City. 37° 46' N, 99° 58' W. Center 2 miles east St. Mary's of the Plains College. Habitat coverage: grassland and cultivated fields 45%; rivers and lakes 20%; riparian woodland 20%; residential areas 10%; unknown 5%. December 18, 1982. 8:00 a.m. to 5:00 p.m.; 24°F to 52°F; wind N, 15 - 30 m.p.h. Six observers in 3 parties. Total party-hours 24 (8 on foot, 16 by car) and 8 hrs. at feeders. Total party-miles 140 (8 on foot, 132 by car).

Mallard 150; Northern Pintail 50; Canvasback 6; Bald Eagle 1; Red-tailed Hawk 1; Ferruginous Hawk 1; Rough-legged Hawk 2; American Kestrel 2; Merlin 3; Ring-necked Pheasant 11; Greater Prairie Chicken 1; Northern Bobwhite 1; Great Horned Owl 1; Burrowing Owl 2; Downy Woodpecker 2; Hairy Woodpecker 1; Northern (Red-shafted) Flicker 3; Blue Jay 4; Black-billed Magpie 15; American Crow 5; Black-capped Chickadee 4; American Robin 7; Northern Cardinal 24; Rufous-sided Towhee 5; American Tree Sparrow 5; Fox Sparrow 5; White-crowned Sparrow 20; Harris' Sparrow 35; Dark-eyed (Slate-colored) Junco 44; Lapland Longspur 402; Western Meadowlark 122; House Finch 14; Pine Siskin 2; American Goldfinch 12; House Sparrow 50. Total 35 species, about 1013 individuals. Seen in area during count period, but not on count day - Northern Mockingbird.

Maurice Bleumer, Aileen Bragg, Joan Challans (compiler - 2415 Hart, Dodge City, KS), Jullia Oelarti, Junelle O'Keefe, Carroline Shutz.

Elk City Reservoir. 37° 15' N, 95° 51' W. Center Card Creek 7 miles west of Independence, Ks. Habitat coverage: cultivated fields 40%; lakes and rivers 30%; oldfields and fencerows 20%; riparian deciduous forest 10%. December 18, 1982. 7:30 a.m. to 5:00 p.m.; 38°F to 65°F; wind SW to NW, 5 - 15 m.p.h.; waters open; no snow cover; light fog A.M., clear P.M. Five observers in 2 parties. Total party-hours 17 (4 on foot, 13 by car). Total party-miles 148 (4 on foot, 144 by car).

Double-crested Cormorant 1; Great Blue Heron 3; Greater White-fronted Goose 400; Snow Goose (white morph) 5000; Snow Goose (blue morph) 3000; Canada Goose 1800; Mallard 9000; Northern Pintail 200; Gadwall 1000; American Wigeon 1000; Canvasback 2; Lesser Scaup 200; Common Merganser 4; Northern Harrier 8; Cooper's Hawk 1; Red-tailed Hawk 12; Rough-legged Hawk 2; Golden Eagle 4; American Kestrel 4; Northern Bobwhite 5; American Coot 1000; Rock Dove 5; Mourning Dove 13; Belted Kingfisher 1; Red-headed Woodpecker 3; Red-bellied Woodpecker 10; Downy Woodpecker 12; Northern (Yellow-shafted) Flicker 14; Pileated Woodpecker 2; Blue Jay 32; American Crow 29; Black-capped Chickadee 71; Tufted Titmouse 3; White-breasted Nuthatch 4; Brown Creeper 1; Golden-crowned Kinglet 1; Eastern Bluebird 35; American Robin 74; Northern Mockingbird 4; Cedar Waxwing 8; Loggerhead Shrike 17; European Starling 393; Northern Cardinal 76; American Tree Sparrow 30; Field Sparrow 2; Savannah Sparrow 2 (no details - Ed.); Song Sparrow 7; White-crowned Sparrow 35; Harris' Sparrow 75; Dark-eyed Junco ssp. 73; Red-winged Blackbird 4723; Eastern Meadowlark 166; Brown-headed Cowbird 1; American Goldfinch 1; House Sparrow 21. Total 54 species, about 28,590 individuals.

Hilbert and Sylvia Albright, Al and Shirley Caler, Joe Nichols (compiler - R.R.1 Longton, KS 67352).

Emporia. 38° 27' N, 96° 05' W. Center 1 mile S of Lang, Ks. Habitat coverage: riparian forest 55%; grassland 20%; residential areas 8%; cultivated fields 5%; oldfields and fencerows 5%; lakes and rivers 3%; upland deciduous forest 2%; coniferous stands 1%; marsh 1%. December 19, 1982. 6:30 a.m. to 5:30 p.m.; 30°F to 51°F; wind WNW, 5 - 10 m.p.h.; waters open; no snow cover; clear. Twenty-nine observers in 12 parties. Total party-hours 110 (49 on foot, 61 by car) plus 2 hrs. owling. Total party miles 695 (52 on foot, 643 by car) and 10 miles owling.

Great Blue Heron 10; Canada Goose 9; Wood Duck 1 (excellent details - Ed.); Green-winged Teal 8; Mallard 196; Northern Pintail 3; Blue-winged Teal 3 (no details - Ed.); Northern Shoveler 12 (good details - Ed.); Gadwall 8; American Wigeon 3;

Redhead 5; Ring-necked Duck 2; Lesser Scaup 4; Common Goldeneye 72; Bufflehead 4; Hooded Merganser 2; Common Merganser 20; Northern Harrier 143; Sharp-shinned Hawk 3; Red-shouldered Hawk 1 (excellent details - Ed.); Red-tailed Hawk 138; Ferruginous Hawk 1 (excellent details - Ed.); Rough-legged Hawk 9; American Kestrel 47; Merlin 1; Prairie Falcon 1; Greater Prairie Chicken 39; Northern Bobwhite 507; American Coot 1; Killdeer 10; Ring-billed Gull 846; Rock Dove 87; Mourning Dove 135; Great Horned Owl 18; Banded Owl 12; Long-eared Owl 1; Short-eared Owl 2; Belted Kingfisher 11; Red-headed Woodpecker 10; Red-bellied Woodpecker 91; Yellow-bellied Sapsucker 5; Downy Woodpecker 94; Hairy Woodpecker 31; Northern (Yellow-shafted) Flicker 71; Northern (Red-shafted) Flicker 11; Pileated Woodpecker 2; Horned Lark 343; Blue Jay 167; American Crow 339; Black-capped Chickadee 786; Tufted Titmouse 81; Red-breasted Nuthatch 3; White-breasted Nuthatch 49; Brown Creeper 14; Carolina Wren 5; Winter Wren 3; Golden-crowned Kinglet 43; Ruby-crowned Kinglet 4; Eastern Bluebird 6; Townsend's Solitaire 1; American Robin 211; Northern Mockingbird 4; Brown Thrasher 1; Cedar Waxwing 96; Loggerhead Shrike 27; European Starling 3714; Northern Cardinal 413; Rufous-sided Towhee 8; American Tree Sparrow 2222; Field Sparrow 4; Song Sparrow 148; Lincoln's Sparrow 11; White-throated Sparrow 12; White-crowned Sparrow 26; Harris' Sparrow 610; Dark-eyed (Slate-colored) Junco 898; Dark-eyed (Oregon) Junco 5; Lapland Longspur 1693; Red-winged Blackbird 1238; Eastern Meadowlark 309; Western Meadowlark 7; *Sturnella* sp. 321; Rusty Blackbird 12; Brewer's Blackbird 360; Common Grackle 54; Brown-headed Cowbird 2128; Pine Siskin 1; American Goldfinch 279; House Sparrow 1748. Total 86 species (2 additional subspecies), about 21,094 individuals. Seen in area during count period, but not on count day - Eastern Screech-owl.

David and Roger Bleu, Mark Crane, Charles Hall, Jerome Hansen, Lawrence Herbert, Edith and Max Houser, Brian and Marvin Kuehm, Sally Kuykendall, Dorothy and Richard Laird, Gil and Marie Leisman, Ann McIntosh, Duane Mitchell, Doug Neufeld, John Parrish, James Ptacek, Tod Reeder, Ed, Jean (compiler - R.R. 1, Admire, KS 66830) and Margaret Schulenberg, Marvin Schwilling, Kathleen Tabor, Charles and Stephen Taylor, Dan Williamson.

Fostoria. 39° 30' N, 96° 30' W. Center Fostoria, Ks. Habitat coverage: grassland 50%; oldfields and fencerows 30%; cultivated fields 13%; upland deciduous forest 6%; lakes and rivers 1%. January 1, 1983. 7:30 a.m. to 5:00 p.m.; 20°F to 38°F; wind N, 3 - 8 m.p.h.; ground snow covered; partly cloudy; water mostly frozen. Three observers in 1 party. Total party-hours 9.5 (2.5 on foot, 7 by car). Total party-miles 52 (2 on foot, 50 by car).

Mallard 19; Northern Harrier 9; Sharp-shinned Hawk 2; Cooper's Hawk 5; Red-tailed Hawk 24; Red-tailed (Harlan's) Hawk 4; Rough-legged Hawk 4; American Kestrel 8; Ring-necked Pheasant 7; Greater Prairie Chicken 40; Northern Bobwhite 34; Rock Dove 17; Mourning Dove 14; Great Horned Owl 1; Belted Kingfisher 1; Red-headed Woodpecker 9; Red-bellied Woodpecker 21; Yellow-bellied Sapsucker 2; Downy Woodpecker 9; Hairy Woodpecker 7; Northern (Yellow-shafted) Flicker 21; Northern (Red-shafted) Flicker 1; Horned Lark 63; Blue Jay 70; American Crow 166; Black-capped Chickadee 38; Tufted Titmouse 11; Red-breasted Nuthatch 2; White-breasted Nuthatch 14, *Sitta* sp. 5; Eastern Bluebird 62; American Robin 365; Loggerhead Shrike 1; European Starling 100,000; Northern Cardinal 42; Rufous-sided Towhee 4; American Tree Sparrow 800; Harris' Sparrow 72; Dark-eyed (Slate-colored) Junco 450; Dark-eyed (Oregon) Junco 6; Red-winged Blackbird 8; Eastern Meadowlark 72; Common Grackle 6; Brown-headed Cowbird 21; American Goldfinch 160; House Sparrow 700. Total 42 species (3 additional subspecies), about 103,397 individuals. Seen in area during count period, but not on count day - Brown Creeper, Winter Wren.

Bernard and Rowena Plummer, Eunice Webster (compiler - Box 5, Fostoria, KS 66426).

Halstead-Newton. 38° 04' N, 97° 28' W. Center 5.75 miles NE of Halstead, Ks. Habitat coverage: riparian woodland 50%; cultivated fields 15%; upland deciduous

forest 12%; oldfields and fencerows 8%; grassland 6%; residential areas 5%; lakes and rivers 3%; marsh 1%. December 18, 1982. 7:15 a.m. to 5:30 p.m.; 29°F to 61°F; wind W to SW, 5 - 25 m.p.h.; water open; no snow cover; clear. Thirty-eight observers in 8 parties. Total party-hours 67 (39 on foot, 28 by car). Total party-miles 329.8 (37.6 on foot, 292.2 by car).

Great Blue Heron 3; Canada Goose 150; Mallard 1; Lesser Scaup 1; Northern Harrier 4; Sharp-shinned Hawk 1; *Accipiter* sp. 1; Red-tailed Hawk 47; Rough-legged Hawk 12; *Buteo* sp. 25; American Kestrel 36; Prairie Falcon 1; Ring-necked Pheasant 81; Northern Bobwhite 84; Killdeer 5; Common Snipe 3; Rock Dove 116; Mourning Dove 48; Great Horned Owl 12; Belted Kingfisher 5; Red-bellied Woodpecker 33; Downy Woodpecker 43; Hairy Woodpecker 5; Northern (Yellow-shafted) Flicker 45; Northern (Red-shafted) Flicker 12; Northern Flicker ssp. 12; Horned Lark 1052; Blue Jay 188; American Crow 803; Black-capped Chickadee 265; Tufted Titmouse 6; Red-breasted Nuthatch 3; White-breasted Nuthatch 12; Brown Creeper 3; Winter Wren 1; Golden-crowned Kinglet 1; Ruby-crowned Kinglet 1; Eastern Bluebird 4; American Robin 563; Northern Mockingbird 4; Brown Thrasher 2; Cedar Waxwing 129; Loggerhead Shrike 4; European Starling 2892; Yellow-rumped (Myrtle) Warbler 3; Common Yellowthroat 1 (excellent details - Ed.); Northern Cardinal 132; Rufous-sided Towhee 4; American Tree Sparrow 644; Field Sparrow 1; Song Sparrow 65; White-throated Sparrow 1; White-crowned Sparrow 7; Harris' Sparrow 1505; Dark-eyed Junco ssp. 742; Lapland Longspur 76; Red-winged Blackbird 2135; Eastern Meadowlark 3; Western Meadowlark 34; *Sturnella* sp. 565; Rusty Blackbird 8; Common Grackle 1; American Goldfinch 132; House Sparrow 1510. Total 59 species (1 additional subspecies), about 14,288 individuals.

Bud Akin, Steve Capel, Victor Claassen, Marion Deckert, Duane Goertz, Mary Mae Hardt, Tim Hayes, Jane Hershberger, Ginny Holstine, Jim Jantzen, Paul Jantzen, Viki Klaassen, Dwight Krehbiel, Jim Neil, Jay Newton (compiler - #8 Tenth St. Court, Newton, KS 67114), Jeff Nikkel, Larry Nikkel, Norman Pankratz, Wesley Pauls, Patsy Penner, Dwight Platt, John Prine, Bob Reiger, Richard Schmidt, Troy Sprier, Brad Stucky, Doug Stucky, John Torline, Selma Unruh, Laurel Vogt, Myron Voth, Nada Voth, Wilma Voth, Gordon Waltner, Robert Waltner, Steve Waltner, Joe Yoder.

Hillsdale Reservoir. 38° 37' N, 94° 52' W. Center 2.5 miles W and 1 mile N of intersection of highways 169 and 68 near Paola, Ks. Habitat coverage: riparian forest 45%; cultivated fields 20%; lakes and rivers 20%; oldfields and fencerows 5%; swamps 5%; grasslands 2%; residential areas 1%; marsh 1%; coniferous stands 1%. January 8, 1983. 7:45 a.m. to 4:30 p.m.; 33°F to 54°F; wind W, 4 - 6 m.p.h.; reservoir 35% ice covered; ponds frozen; no snow cover; clear. Twenty observers in 6 parties. Total party-hours 36 (19.75 on foot, 16.25 by car) plus 0.5 hrs. owling and 12 hrs. at feeders. Total party-miles 234 (20 on foot, 214 by car) and 6 miles owling.

Pied-billed Grebe 1; Snow Goose (white morph) 540; Snow Goose (blue morph) 240; Canada Goose 62; Mallard 241; Northern Pintail 3; Gadwall 4; Lesser Scaup 3; Common Goldeneye 3; Common Merganser 4; Bald Eagle 2; Northern Harrier 27; Sharp-shinned Hawk 1; Red-tailed Hawk 151; Red-tailed (Harlan's) Hawk 1; Rough-legged Hawk 2; American Kestrel 41; Ring-necked Pheasant 1; Northern Bobwhite 54; American Coot 7; Ring-billed Gull 69; Herring Gull 4; Rock Dove 8; Mourning Dove 36; Eastern Screech-owl 1; Great Horned Owl 5; Banded Owl 1; Long-eared Owl 3; Belted Kingfisher 2; Red-headed Woodpecker 139; Red-bellied Woodpecker 44; Yellow-bellied Sapsucker 1; Downy Woodpecker 29; Hairy Woodpecker 3; Northern (Yellow-shafted) Flicker 32; Northern (Red-shafted) Flicker 1; Northern Flicker ssp. 6; Horned Lark 30; Blue Jay 221; American Crow 260; Black-capped Chickadee 210; Tufted Titmouse 59; White-breasted Nuthatch 15; Brown Creeper 4; Golden-crowned Kinglet 6; Eastern Bluebird 18; American Robin 54; Gray Catbird 1 (excellent details - Ed.); Northern Mockingbird 8; Cedar Waxwing 3; Loggerhead Shrike 16; European Starling 647; Yellow-rumped (Myrtle) Warbler 1; Northern Cardinal 273; Rufous-sided Towhee 1; American Tree Sparrow 476; Fox Sparrow 7; Song Sparrow 24; Lincoln's Sparrow 1; Swamp Sparrow 2; White-throated Sparrow 1; White-crowned Sparrow 18; Harris' Sparrow 9; Dark-eyed (Slate-colored) Junco 330; Dark-eyed (Oregon) Junco 5; Red-winged Blackbird 663;

Eastern Meadowlark 86; *Sturnella* sp. 191; Brewer's Blackbird 192; Common Grackle 16; Brown-headed Cowbird 90; Pine Siskin 1; American Goldfinch 75; House Sparrow 475. Total 68 species (3 additional subspecies), about 6261 individuals.

Mary Brown, John Brockway, Tom Cannon, Mark Corder, Steve Crawford, Lois Cromwell, Linda Forbes, Margaret Gay, Roberta Gay, Dave Green, Jeff Hammons, Bob Harrington, Marilyn Harrington, Katherine Kelley, Barbara Kiddo, Larry Kramer, Marno M. Kaughan, Terri Selzer, Jennie Walters, Bunnie Watkins (compiler - 148 Pawnee Ave., Lawrence, KS 66044), Mike Watkins.

Junction City. 39° 00' N, 96° 53' W. Center 170 roadside park SW Junction City, Ks. Habitat coverage: grassland 23%; oldfields and fencerows 16%; riparian forest 16%; upland deciduous forest 12%; lakes and rivers 7%; coniferous stands 6%; cultivated fields 14%; marsh 4%; swamps 1%. December 26, 1982. 1:00 a.m. to 9:00 p.m.; 15°F to 35°F; wind N, calm; waters 80% open; no snow cover; clear. Thirty observers in 9 parties. Total party-hours 76 (32 on foot, 44 by car) plus 6 hrs. owling and 2 hrs. at feeders. Total party-miles 317 (45 on foot, 272 by car) and 47 miles owling.

Great Blue Heron 9; Green-winged Teal 2; Mallard 4443; Gadwall 104; American Wigeon 26; Redhead 4; Lesser Scaup 1; Common Goldeneye 35; Bufflehead 5; Common Merganser 3750; Bald Eagle 10; Northern Harrier 37; Sharp-shinned Hawk 4; Cooper's Hawk 2; Red-tailed Hawk 157; Red-tailed (Harlan's) Hawk 4; Rough-legged Hawk 1; *Buteo* sp. 2; American Kestrel 57; Peregrine Falcon 1 (excellent details - Ed.); Prairie Falcon 2; Ring-necked Pheasant 77; Greater Prairie Chicken 153, Northern Bobwhite 521; American Coot 1; Killdeer 1; Ring-billed Gull 646; Herring Gull 32; Rock Dove 350; Mourning Dove 202; Eastern Screech-owl 6; Great Horned Owl 27; Barred Owl 10; Belted Kingfisher 14; Red-headed Woodpecker 28; Red-bellied Woodpecker 67; Yellow-bellied Sapsucker 1; Downy Woodpecker 76; Hairy Woodpecker 17; Northern (Yellow-shafted) Flicker 114; Northern (Red-shafted) Flicker 8; Northern Flicker ssp. 17; Horned Lark 2; Blue Jay 286; American Crow 600; Black-capped Chickadee 579; Tufted Titmouse 46; White-breasted Nuthatch 69; Brown Creeper 7; Carolina Wren 5; Bewick's Wren 2; Winter Wren 1; Marsh Wren 2 (no details - Ed.); Golden-crowned Kinglet 35; Ruby-crowned Kinglet 1; Eastern Bluebird 11; Townsend's Solitaire 3; American Robin 2140; Northern Mockingbird 13; Cedar Waxwing 586; Loggerhead Shrike 7; European Starling 3143; Northern Cardinal 405; Rufous-sided Towhee 12; Rufous-crowned Sparrow 1 (excellent details - Ed.); American Tree Sparrow 1597; Field Sparrow 10; Savannah Sparrow 5 (no details - Ed.); Song Sparrow 44; Lincoln's Sparrow 2; White-crowned Sparrow 50; Harris' Sparrow 807; Dark-eyed (Slate-colored) Junco 1581; Dark-eyed (Oregon) Junco 19; Dark-eyed Junco ssp. 274; Red-winged Blackbird 631; Eastern Meadowlark 151; Western Meadowlark 237; *Sturnella* sp. 330; Brown-headed Cowbird 30; Purple Finch 5; House Finch 3 (good details - Ed.); Pine Siskin 12; American Goldfinch 664; Evening Grosbeak 1; House Sparrow 922. Total 79 species (3 additional subspecies). Seen in area during count period, but not on count day - Canada Goose, Merlin, Red-breasted Nuthatch, Yellow-rumped (Myrtle) Warbler, Common Grackle.

R. Alves, C. and D. Ayres, C. Best, B. and S. Bokelman, L. Combs, S. Cornelison, D. Danskin, B. and J. Davis, K. Fay, E. Finck, B. and M. Gray, A. Jackson, D., J. and B. LaShelle (compiler - 417 S. Madison, Junction City, KS 66441), Eugene and Eulalia Lewis, E. Marzolf, Jeane and Jim Nixon, P. Pierce, N. Schanker, T. Shane, C. Smith, C. White, J. Zimmerman.

Kanopolis Reservoir. 38° 37' N, 97° 57' W. Center 1.3 miles west corner of Salina, McPherson and Ellsworth Counties. Habitat coverage: grassland 55%; cultivated fields 30%; oldfields and fencerows 5%; lakes and rivers 4%; riparian woodland 3%; upland deciduous forest 1%; residential areas 1%; marsh 1%. January 9, 1983. 7:30 a.m. to 3:30 p.m.; 20°F to 35°F; wind variable, 15 m.p.h.; water partly frozen; light rain showers and cloudy around noon, but otherwise clear. Three observers in 1 party. Total party-hours 8 (3 on foot, 5 by car). Total party-miles 67 (2 on foot, 65 by car).

Snow Goose (white morph) 2; Canada Goose 2100; Green-winged Teal 7; Mallard

240; Gadwall 12; Redhead 20; Common Goldeneye 37; Common Merganser 500; Bald Eagle 2; Northern Harrier 18; Northern Goshawk 2 (no details - Ed.); Red-tailed Hawk 27; Red-tailed (Harlan's) Hawk 1; American Kestrel 7; Prairie Falcon 1; Ring-necked Pheasant 1; Greater Prairie Chicken 50; Northern Bobwhite 3; Ring-billed Gull 35; Herring Gull 61; Mourning Dove 8; Great Horned Owl 1; Belted Kingfisher 1; Red-bellied Woodpecker 3; Downy Woodpecker 6; Hairy Woodpecker 2; Northern (Yellow-shafted) Flicker 11; Northern (Red-shafted) Flicker 1; Horned Lark 58; Blue Jay 2; American Crow 35; Black-capped Chickadee 45; White-breasted Nuthatch 2; Winter Wren 1; Golden-crowned Kinglet 2; American Robin 14; European Starling 45; Northern Cardinal 8; American Tree Sparrow 40; Song Sparrow 13; Harris' Sparrow 3; Dark-eyed (Slate-colored) Junco 79; Dark-eyed (Oregon) Junco 2; Lapland Longspur 4; Red-winged Blackbird 38; Western Meadowlark 38; American Goldfinch 28; House Sparrow 32. Total 45 species (3 additional subspecies), about 3659 individuals.

Lorena Combs, Scott Seltman, Tom Shane (compiler - 2136 Wesley, Salina, KS 67401).

Kansas City. 39° 03' N, 94° 45' W. Center near Morris, Ks as described in 1972. Habitat coverage: residential areas 27%; upland deciduous forest 25%; riparian forest 17%; lakes and rivers 15%; grassland 10%; oldfields and fencerows 5%; marsh 1%. December 26, 1982. 5:30 a.m. to 5:00 p.m.; 24°F to 35°F; wind N, 5 - 10 m.p.h.; waters open; no snow cover; overcast A.M., partly cloudy P.M. Twenty-eight observers in 9 parties. Total party-hours 78 (38 on foot, 40 by car) plus 1.5 hrs. owling and 18 hrs. at feeders. Total party-miles 459 (37 on foot, 422 by car) and 4 miles owling.

Pied-billed Grebe 4; Great Blue Heron 4; Snow Goose (white morph) 780; Snow Goose (blue morph) 15; Canada Goose 128; Mallard 2416; Gadwall 31; American Wigeon 6; Ring-necked Duck 4; Lesser Scaup 3; Common Goldeneye 30; Bufflehead 3; Common Merganser 304; Bald Eagle 6; Northern Harrier 1; Cooper's Hawk 1; Northern Goshawk 1 (excellent details - Ed.); Red-tailed Hawk 61; Red-tailed (Harlan's) Hawk 4; American Kestrel 51; Northern Bobwhite 125; American Coot 2; Killdeer 4; Ring-billed Gull 1964; Herring Gull 14; *Larus* sp. 27; Rock Dove 283; Mourning Dove 279; Eastern Screech-owl 12; Great Horned Owl 3; Belted Kingfisher 7; Red-headed Woodpecker 5; Red-bellied Woodpecker 75; Yellow-bellied Sapsucker 3; Downy Woodpecker 79; Hairy Woodpecker 12; Northern (Yellow-shafted) Flicker 40; Northern Flicker ssp. 15; Blue Jay 497; American Crow 306; Black-capped Chickadee 551; Tufted Titmouse 131; Red-breasted Nuthatch 2; White-breasted Nuthatch 13; Brown Creeper 7; Winter Wren 1; Golden-crowned Kinglet 25; Ruby-crowned Kinglet 3; Eastern Bluebird 15; American Robin 15; Northern Mockingbird 21; Loggerhead Shrike 2; European Starling 3473; Nashville Warbler 1 (excellent details - Ed.); Yellow-rumped (Myrtle) Warbler 1; Northern Cardinal 464; Rufous-sided Towhee 1; American Tree Sparrow 600; Field Sparrow 1; Song Sparrow 198; Lincoln's Sparrow 3; Swamp Sparrow 19; White-throated Sparrow 6; Harris' Sparrow 9; Dark-eyed (Slate-colored) Junco 2014; Dark-eyed (Oregon) Junco 1; Red-winged Blackbird 3200; Eastern Meadowlark 4; *Sturnella* sp. 7; Rusty Blackbird 1; Brewer's Blackbird 40; Common Grackle 219; Purple Finch 21; American Goldfinch 301; House Sparrow 1155. Total 69 species (2 additional subspecies), about 20,130 individuals.

Arlie and Mel Cooksey (compiler - 5700 Blackhoof Trail, Merriam, KS 66203), Mike Cooper, Patricia Devine, Bob Fisher, Harry Gregory, David Hedges, Nanette Johnson, Frank Kaul, Philip Kaul, Sharon Kelly, John Leavey, Dorothy and Ken Lisher, Florence Lowe, Cleona McGuire, Mike McHugh, Carol McMillan, Doland Nichols, Jerry Overton, Marla and Tom Porter, Ted Reimoehl, Fred Schmidt, Kevin Sink, Lynn Teneffoss, Paul Watson, Sue Wilson (Burroughs Audubon Society).

Kingman Wildlife Area. 37° 38' N, 98° 16' W. Center Headquarters, Kingman Wildlife Area. Habitat coverage: cultivated fields 55%; riparian woodland 25%; grassland 15%; lakes and rivers 4%; marsh 1%. January 2, 1983. 7:45 a.m. to 5:15 p.m.; 17°F to 37°F; wind NW, 5 - 8 m.p.h.; water partly open; remnant snowbanks;

clear A.M., cloudy P.M. Ten observers in 2 parties. Total party-hours 17 (8 on foot, 9 by car). Total party-miles 111 (11 on foot, 100 by car).

Great Blue Heron 1; Mallard 59; Northern Harrier 9; Sharp-shinned Hawk 2; Red-tailed Hawk 20; Rough-legged Hawk 3; American Kestrel 21; Prairie Falcon 1; Ring-necked Pheasant 6; Wild Turkey 92; Northern Bobwhite 31; Common Snipe 4; Rock Dove 5; Mourning Dove 9; Great Horned Owl 3; Belted Kingfisher 2; Red-bellied Woodpecker 7; Yellow-bellied Sapsucker 1; Downy Woodpecker 10; Hairy Woodpecker 3; Northern (Yellow-shafted) Flicker 21; Northern (Red-shafted) Flicker 4; Horned Lark 418; Blue Jay 2; American Crow 60; Black-capped Chickadee 87; White-breasted Nuthatch 1; Winter Wren 1; Ruby-crowned Kinglet 2; Eastern Bluebird 1; American Robin 73; Cedar Waxwing 9; Loggerhead Shrike 2; European Starling 1228; Yellow-rumped (Myrtle) Warbler 3; Northern Cardinal 27; Rufous-sided Towhee 3; American Tree Sparrow 1096; LeConte's Sparrow 1 (no details - Ed.); Song Sparrow 24; White-crowned Sparrow 1; Harris' Sparrow 238; Dark-eyed (Slate-colored) Junco 554; Dark-eyed (Oregon) Junco 9; Red-winged Blackbird 41,360; Eastern Meadowlark 75; Western Meadowlark 22; Common Grackle 4; Brown-headed Cowbird 21; American Goldfinch 56; House Sparrow 118. Total 49 species (2 additional subspecies), about 45,810 individuals. Seen in area during count period, but not on count day - Killdeer.

Mary and Randy Clark, Lorena Combs, Dan Downing, Wilma Hawkins, Mark Rodgers, Charlie and Getha Shoemake, Byron (compiler - Kingman Wildlife Area, Penalosa, KS 67121) and June Walker.

Lawrence. 39° 00' N, 95° 18' W. Center 1.5 miles N and 2.7 miles W of junction U.S. 40 and U.S. 59 in northwest Lawrence. Habitat coverage: oldfields and fencerows 19%; riparian forest 18%; upland deciduous forest 17%; lakes and rivers 14%; cultivated fields 11%; residential areas 10%; grassland 8%; coniferous stands 2%; marsh 1%. December 18, 1982. 5:45 a.m. to 6:00 p.m.; 38°F to 59°F; wind W, 5 - 10 m.p.h.; water mostly open; no snow cover; partly cloudy A.M., mostly cloudy P.M. Thirty-five observers in 13 parties. Total party-hours 109.5 (54 on foot, 54 by car, 1.5 by airplane) plus 5.5 hrs. owling and 1 hr. at feeders. Total party-miles 624 (55 on foot, 489 by car, 80 by airplane) and 46 miles owling.

Common Loon 2 (excellent details - Ed.); Horned Grebe 1 (excellent details - Ed.); Great Blue Heron 11; Snow Goose (white morph) 246; Snow Goose (blue morph) 11; Canada Goose 290; Mallard 382; Gadwall 121; American Wigeon 11; Canvasback 4; Common Goldeneye 2; Bufflehead 1; Common Merganser 2000; Bald Eagle 27; Northern Harrier 17; Sharp-shinned Hawk 4; Cooper's Hawk 1; *Accipiter* sp. 1; Red-tailed Hawk 170; Red-tailed (Harlan's) Hawk 1; Rough-legged Hawk 1; *Buteo* sp. 15; American Kestrel 54; Prairie Falcon 1; Ring-necked Pheasant 2; Northern Bobwhite 117; Killdeer 7; Ring-billed Gull 613; Herring Gull 93; *Larus* sp. 232; Rock Dove 425; Mourning Dove 92; Eastern Screech-owl 13; Great Horned Owl 20; Barred Owl 7; Long-eared Owl 1; Belted Kingfisher 3; Red-headed Woodpecker 119; Red-bellied Woodpecker 108; Yellow-bellied Sapsucker 1; Downy Woodpecker 85; Hairy Woodpecker 24; Northern (Yellow-shafted) Flicker 89; Northern (Red-shafted) Flicker 4; Northern Flicker ssp. 22; Horned Lark 229; Blue Jay 231; American Crow 419; Black-capped Chickadee 661; Tufted Titmouse 106; Red-breasted Nuthatch 1; White-breasted Nuthatch 45; Brown Creeper 11; Winter Wren 5; Golden-crowned Kinglet 35; Ruby-crowned Kinglet 2; Eastern Bluebird 57; American Robin 376; Northern Mockingbird 12; Brown Thrasher 2; Cedar Waxwing 119; Loggerhead Shrike 24; European Starling 3234; Yellow-rumped (Myrtle) Warbler 4; Western Tanager 1 (excellent details - Ed.); Northern Cardinal 385; Rufous-sided Towhee 3; American Tree Sparrow 1325; Field Sparrow 1; Savannah Sparrow 13 (no details - Ed.); LeConte's Sparrow 3 (no details - Ed.); Fox Sparrow 3; Song Sparrow 217; Lincoln's Sparrow 4; Swamp Sparrow 17; White-throated Sparrow 4; White-crowned Sparrow 21; Harris' Sparrow 88; Dark-eyed (Slate-colored) Junco 1383; Dark-eyed (Oregon) Junco 4; Lapland Longspur 172; Red-winged Blackbird 533; Eastern Meadowlark 113; Western Meadowlark 2; *Sturnella* sp. 276; Common Grackle 15; Brown-headed Cowbird 15; Purple Finch 5; Common Redpoll 1 (excellent details - Ed.); Pine Siskin 1; American Goldfinch 473; House Sparrow 1236. Total 83 species (3

additional subspecies), about 17,338 individuals.

Mary Allen, Brad Bergstrom, Roger Boyd, Calvin Cink, Missy Collier, Carol Estes, Ruth Faulhl, Henry Fitch, David Herrin, Jim Honacki, Jeanne Houser, Richard Johnston, Jennifer Jones, Kevin and Christy Kennedy, Kathryn Nelson, Galen Pittman (compiler - 110 Michigan, #115, Lawrence, KS 66044), Stan Roth, Richard Rucker, Dave Seibel, Ed and Cynthia Shaw, Mike Shelton, John Simmons, Joe and Jean Spinazola, Paul Tyson, Pennie Von Achen, Genny Walters, Donald Whittemore, Ron and Joyce Wolf, Alan Zarley, John and Linda Zempel (Jayhawk Audubon Society).

Linn County. 38° 17' N, 94° 45' W. Center SW corner Unit G, Marais des Cygnes Wildlife Area (2 miles W and 0.5 miles N of Boicourt, KS). Habitat coverage: lakes and rivers 37%; riparian forest 28%; oldfields and fencerows 11%; grassland 11%; marsh 5%; cultivated fields 5%; residential areas 3%. December 28, 1982. 6:00 a.m. to 5:30 p.m.; 20°F to 28°F; wind NW, 25-30 m.p.h. (A.M.) to 5-10 m.p.h. (P.M.); water open; trace of snow cover; cloudy A.M., partly cloudy P.M. Four observers in 2 parties. Total party-hours 16 (3 on foot, 13 by car) plus 1.5 hrs. owling. Total party-miles 124.5 (4.5 on foot, 120 by car) and 10 miles owling.

Common Loon 1; Pied-billed Grebe 7; Great Blue Heron 7; Snow Goose (white morph) 2110; Snow Goose (blue morph) 830; Canada Goose 374; Mallard 1548; Blue-winged Teal 4 (no details - Ed.); Redhead 5; Ring-necked Duck 200; Lesser Scaup 137; Common Goldeneye 142; Bufflehead 1; Common Merganser 26; Red-breasted Merganser 2 (excellent details - Ed.); Bald Eagle 10; Northern Harrier 4; Red-tailed Hawk 37; Rough-legged Hawk 3; American Kestrel 11; Northern Bobwhite 47; American Coot 4; Killdeer 3; Ring-billed Gull 235; Rock Dove 40; Mourning Dove 17; Eastern Screech-owl 1; Great Horned Owl 2; Barred Owl 1; Red-headed Woodpecker 40; Red-bellied Woodpecker 13; Yellow-bellied Sapsucker 1; Downy Woodpecker 9; Hairy Woodpecker 1; Northern (Yellow-shafted) Flicker 13; Northern Flicker ssp. 8; Pileated Woodpecker 3; Blue Jay 65; American Crow 22; Black-capped Chickadee 35; Tufted Titmouse 11; White-breasted Nuthatch 7; Brown Creeper 2; Carolina Wren 1; Golden-crowned Kinglet 4; Eastern Bluebird 46; Northern Mockingbird 1; Loggerhead Shrike 7; European Starling 445; Northern Cardinal 55; American Tree Sparrow 123; Song Sparrow 12; Swamp Sparrow 14; White-throated Sparrow 1; White-crowned Sparrow 46; Harris' Sparrow 5; Dark-eyed (Slate-colored) Junco 173; Dark-eyed (Oregon) Junco 2; Red-winged Blackbird 4159; Eastern Meadowlark 5; *Sturnella* sp. 86; Rusty Blackbird 1; Great-tailed Grackle 94 (excellent details - Ed.); Common Grackle 3; Brown-headed Cowbird 24; American Goldfinch 14; House Sparrow 348. Total 63 species (2 additional subspecies), about 11,708 individuals. Seen in area during count period, but not on count day - Belted Kingfisher.

Roger Boyd, Terry Heiser, Barbara (compiler - Rt. 2, Pleasanton, KS 66075) and Martin Pressgrove.

Manhattan. 39° 11' N, 96° 34' W. Center Anderson Hall, Kansas State University campus. Habitat coverage: riparian forest 31%; upland deciduous forest 15%; oldfields and fencerows 14%; lakes and rivers 13%; grassland 12%; cultivated fields 6%; marsh 3%; residential areas 3%; coniferous stands 3%. December 18, 1982. 4:30 a.m. to 5:30 p.m.; 36°F to 50°F; wind SW to NW, 0-10 m.p.h.; waters open; no snow cover; clear A.M., partly cloudy P.M. One hundred observers in 34 parties. Total party-hours 349 (261.5 on foot, 78 by car, 9.5 by canoe) plus 3 hrs. owling. Total party-miles 750 (229 on foot, 493 by car, 28 by canoe) and 35 miles owling.

Double-crested Cormorant 12; Great Blue Heron 59; Canada Goose 210; Green-winged Teal 33; Mallard 4188; Northern Pintail 5; Gadwall 85; American Wigeon 3; Redhead 3; Lesser Scaup 2; Common Goldeneye 186; Bufflehead 2; Hooded Merganser 2; Common Merganser 2227; Ruddy Duck 1 (excellent details - Ed.); Bald Eagle 55; Northern Harrier 114; Sharp-shinned Hawk 16; Cooper's Hawk 2; Red-tailed Hawk 223; Red-tailed (Harlan's) Hawk 4; Rough-legged Hawk 13; American Kestrel 69; Merlin 1; Prairie Falcon 3; Ring-necked Pheasant 38; Greater Prairie Chicken 110; Northern Bobwhite 1041; Killdeer 9; Common Snipe 1; Ring-billed Gull 3641; Herring Gull 102; Rock Dove 952; Mourning Dove 338;

Eastern Screech-owl 6; Great Horned Owl 22; Barred Owl 5; Belted Kingfisher 36; Red-headed Woodpecker 243; Red-bellied Woodpecker 192; Yellow-bellied Sapsucker 13; Downy Woodpecker 189; Hairy Woodpecker 36; Northern (Yellow-shafted) Flicker 180; Northern (Red-shafted) Flicker 26; Northern Flicker ssp. 96; Horned Lark 7; Blue Jay 656; American Crow 2141; Black-capped Chickadee 1412; Tufted Titmouse 274; Red-breasted Nuthatch 3; White-breasted Nuthatch 184; Brown Creeper 20; Carolina Wren 2; Bewick's Wren 5; Winter Wren 3; Golden-crowned Kinglet 65; Ruby-crowned Kinglet 2; Eastern Bluebird 34; Townsend's Solitaire 1; Hermit Thrush 1 (good details - Ed.); American Robin 3604; Northern Mockingbird 2; Brown Thrasher 1; Cedar Waxwing 105; Loggerhead Shrike 9; European Starling 90,902; Yellow-rumped (Myrtle) Warbler 47; Northern Cardinal 872; Rufous-sided Towhee 26; American Tree Sparrow 3155; Field Sparrow 6; Vesper Sparrow 1 (excellent details - Ed.); Fox Sparrow 3; Song Sparrow 170; Lincoln's Sparrow 17; Swamp Sparrow 3; White-throated Sparrow 20; White-crowned Sparrow 4; Harris' Sparrow 1172; Dark-eyed (Slate-colored) Junco 4526; Dark-eyed (Oregon) Junco 48; Red-winged Blackbird 3566; Eastern Meadowlark 150; Western Meadowlark 118; *Sturnella* sp. 454; Rusty Blackbird 200; Brewer's Blackbird 45; Common Grackle 115; Brown-headed Cowbird 134; Purple Finch 12; Pine Siskin 3; American Goldfinch 455; Evening Grosbeak 1; House Sparrow 1674. Total 91 species (3 additional subspecies), about 131, 224 individuals.

K. Becker, C. Best, J. Bogusch, M. Boisvert, J. Bonser, B. Brock, B. Broyles, T. Campbell, C. Carper, R. Carter, David and Dorothy Danskin, M. Donnelly, T. Evans, Greg and Irmie Fallon, R. Faulk, P. Fay, A. Fedynich, Chamblee, Clyde, Marilena and Robert Ferguson, Elmer and Lavonne Finck, N. Folland, J. Gabriel, B. Gorton, Ben and Marion Gray, S. Hansen, C. Hanson, A. Hastert, J. Hawes, M. Howell, Don and Glennis Kaufman, L. Keegan, Duane and Gary Kerr, Randy and Sue Kidd, Bob and Pat Kinders, R. Klataske, J. Kunkel, A. Kwolek-Folland, Bob and John LaSelle, M. Laubhan, J. Lickey, T. Manns, Carl and Dick Marzolf, Jackie and Jay McArthur, D. McCulley, J. McDonald, M. McGinley, T. McGrath, M. Meunzenberger, D. Mulhern, K. Olson, C. Pacey, R. Peak, L. Pease, T. Peissig, Ed and Sil Pembleton, M. Peterman, S. Peterson, P. Pierce, T. Posey, J. Pontius, B. Pursley, M. Quinlan, G. Radke, L. Railsbeck, D. Rintoul, A. Rockhold, T. Ryan, D. Samson, N. Schanker, C. Schutte, John and Terri Shuman, Andrea, Ann and Chris Smith, A. Smith, G. Smith, S. Smith, S. Tomb, Dana and Harvard Townsend, Alice and Paula Vernon, S. Wingerson, Jan and John Zimmerman (compiler - Div. Biology, Kansas State University, Manhattan, KS 66506) (Northern Flint Hills Audubon Society).

Olathe. 38° 52' N, 94° 50' W. Center junction of highways U.S. 56 and K7. Habitat coverage: cultivated fields 25%; riparian forest 25%; upland deciduous forest 15%; oldfields and fencerows 15%; grassland 10%; residential areas 5%; lakes 4%; marsh 1%. January 1, 1983. 6:30 a.m. to 5:30 p.m.; 22°F to 44°F; wind SW, 0 - 10 m.p.h.; water mostly frozen; no snow cover; clear. Nine observers in 4 parties. Total party-hours 29 (10 on foot, 19 by car) plus 1 hr. owling. Total party-miles 291 (14 on foot, 277 by car) and 1 mile owling.

Great Blue Heron 1; Mallard 169; Gadwall 7; Common Goldeneye 1; Northern Harrier 7; Sharp-shinned Hawk 4; Red-tailed Hawk 128; Red-tailed (Harlan's) Hawk 1; *Buteo* sp. 3; American Kestrel 48; Northern Bobwhite 13; Killdeer 1; Rock Dove 67; Mourning Dove 25; Eastern Screech-owl 1; Great Horned Owl 17; Barred Owl 1; Belted Kingfisher 7; Red-headed Woodpecker 24; Red-bellied Woodpecker 35; Downy Woodpecker 37; Hairy Woodpecker 4; Northern (Yellow-shafted) Flicker 16; Horned Lark 302; Blue Jay 141; American Crow 96; Black-capped Chickadee 345; Tufted Titmouse 35; Red-breasted Nuthatch 1; White-breasted Nuthatch 12; Brown Creeper 3; Carolina Wren 1; Golden-crowned Kinglet 6; Eastern Bluebird 7; American Robin 34; Northern Mockingbird 11; Loggerhead Shrike 11; European Starling 1035; Yellow-rumped (Myrtle) Warbler 1; Northern Cardinal 294; Rufous-sided Towhee 1; American Tree Sparrow 1408; Vesper Sparrow 1 (no details - Ed.); Fox Sparrow 9; Song Sparrow 52; Lincoln's Sparrow 4; Swamp Sparrow 11; White-crowned Sparrow 72; Harris' Sparrow 39; Dark-eyed (Slate-colored) Junco 812; Dark-eyed (Oregon) Junco 2; Lapland Longspur 3; Red-winged Blackbird 336;

Eastern Meadowlark 376; Western Meadowlark 3; *Sturnella* sp. 120; Rusty Blackbird 80; Brown-headed Cowbird 15; Purple Finch 1; American Goldfinch 152; House Sparrow 664. Total 57 species (2 additional subspecies), about 7113 individuals. Seen in area during count period, but not on count day - Ruby-crowned Kinglet.

Roger Boyd, Barbara and James Bradley, Arlie and Mel Cooksey, Mark Corder, Mark Crane, Steve Crawford (compiler - 21465 W. 180th, Olathe, KS 66061), Mary Anne Fasse.

Oskaloosa - Perry Lake. 39° 12' N, 95° 24' W. Center NE corner section 9, T10S, R18E, Jefferson County (entrance to Camp Jayhawk, BSA). Habitat coverage: oldfields and fencerows 20%; upland deciduous forest 18%; lake 16%; cultivated fields 15%; grassland 13%; riparian forest 12%; coniferous stands 4%; residential areas 2%. December 31, 1982. 7:00 a.m. to 5:30 p.m.; 22°F to 36°F; wind W - NW, 0 - 10 m.p.h.; lake 30% ice covered; streams open; 3" snow cover; clear A.M. to scattered late P.M. Eighteen observers in 6 parties. Total party-hours 58 (14 on foot, 44 by car). Total party-miles 330 (19 on foot, 311 by car).

Pied-billed Grebe 1; Double-crested Cormorant 1; Great Blue Heron 4; Snow Goose (white morph) 210, Snow Goose (blue morph) 90; Canada Goose 86; American Black Duck 1 (good details - Ed.); Mallard 459; Gadwall 7; Lesser Scaup 1; Common Goldeneye 53; Common Merganser 6500; Bald Eagle 29; Northern Harrier 3; Northern Goshawk 1 (excellent details - Ed.); *Accipiter* sp. 1; Red-tailed Hawk 81; Red-tailed (Kriker's) Hawk 5; *Buteo* sp. 1; American Kestrel 51; Prairie Falcon 1; Ring-necked Pheasant 9; Wild Turkey 15; Northern Bobwhite 70; Ring-billed Gull 447; Herring Gull 45; Rock Dove 68; Mourning Dove 17; Great Horned Owl 4; Barred Owl 2; Red-headed Woodpecker 101; Red-bellied Woodpecker 64; Yellow-bellied Sapsucker 1; Downy Woodpecker 55; Hairy Woodpecker 7; Northern (Yellow-shafted) Flicker 71; Northern (Red-shafted) Flicker 3; Northern Flicker sp. 4; Horned Lark 107; Blue Jay 190; American Crow 129; Black-capped Chickadee 285; Tufted Titmouse 114; Red-breasted Nuthatch 2; White-breasted Nuthatch 27; Brown Creeper 1; Carolina Wren 2; Golden-crowned Kinglet 7; Eastern Bluebird 50; American Robin 18; Northern Mockingbird 6; Loggerhead Shrike 15; European Starling 1919; Northern Cardinal 221; Rufous-sided Towhee 1; American Tree Sparrow 1932; Savannah Sparrow 4 (good details - Ed.); Fox Sparrow 3; Song Sparrow 155; Lincoln's Sparrow 2; Swamp Sparrow 2; Harris' Sparrow 23; Dark-eyed (Slate-colored) Junco 1678; Dark-eyed (Oregon) Junco 6; Red-winged Blackbird 2; Eastern Meadowlark 28; Western Meadowlark 28; *Sturnella* sp. 304; Brown-headed Cowbird 11; Purple Finch 4; American Goldfinch 67; House Sparrow 598. Total 65 species (3 additional subspecies), about 16,510 individuals. Seen in area during count period, but not on count day - Northern Pintail, Ring-necked Duck, Golden Eagle (excellent details - Ed.), LeConte's Sparrow (no details - Ed.), White-crowned Sparrow.

Sandy Bowman, Joanne Brier, Carol and Johnny Estes, Ruth Fauhl, Paul Goebel, Ed Gooley, Diane Kaplan, Dan Larson, Eugene and Eulalia Lewis, Lynn Myers, Galen Pittman, Orville Rice, Banny, Bob and Richard Rucker (compiler - 1522 Tennessee, Lawrence, KS 66044), Roseanne Smith.

Pawnee-Rush Counties. 38° 21' N, 99° 26' W. Center Nekoma Rd. and the Rush - Pawnee county line. Habitat coverage: cultivated fields 50%; grassland 45%; oldfields and fencerows 4%; lakes and rivers 1%. January 14, 1983. 9:00 a.m. to 6:00 p.m.; 32°F to 45°F; wind N, 5 - 40 m.p.h.; water mostly open; no snow cover; clear, but high winds at mid-day made observation difficult. One observer in 1 party. Total party-hours 8 (1 on foot, 7 by car). Total party-miles 131 (1 on foot, 130 by car).

Canada Goose 6; Northern Harrier 19; Red-tailed Hawk 20; Ferruginous Hawk 3; Rough-legged Hawk 8; American Kestrel 3; Merlin 1; Peregrine Falcon 1 (excellent details - Ed.); Prairie Falcon 3; Ring-necked Pheasant 20; Rock Dove 4; Great Horned Owl 2; Belted Kingfisher 1; Downy Woodpecker 1; Hairy Woodpecker 2; Northern (Red-shafted) Flicker 1; Horned Lark 1600; Black-billed Magpie 4; American Crow 104; Townsend's Solitaire 1; American Robin 1; European Starling 17; American Tree Sparrow 420; White-crowned Sparrow 1; Harris' Sparrow 75; Dark-eyed

(Slate-colored) Junco 18; Dark-eyed (Oregon) Junco 22; Lapland Longspur 15,000; Red-winged Blackbird 170; American Goldfinch 5; House Sparrow 50. Total 30 species (1 additional subspecies), about 17,583 individuals. Seen in area during count period, but not on count day - Golden Eagle, Loggerhead Shrike, Yellow-rumped Warbler.

Scott Seltman (compiler - Box 36, Nekoma, KS 67559).

Pittsburg. 37° 23' N, 94° 41' W. Center Pittsburg State University. Habitat coverage: oldfields, fencerows and strip-mined land 50%; cultivated fields 20%; grassland 20%; residential areas 7%; lakes and rivers 3%. December 18, 1982. 7:15 a.m. to 5:45 p.m.; 40°F to 60°F; wind S to SW, 10 - 15 m.p.h. Twelve observers in 6 parties. Total party-hours 32 (14 on foot, 18 by car) and 12 at feeders. Total party-miles 217 (26 on foot, 191 by car).

Great Blue Heron 3; Green-winged Teal 16; Mallard 4; Northern Pintail 35; Northern Harrier 33; Red-tailed Hawk 57; Rough-legged Hawk 1; American Kestrel 22; Greater Prairie Chicken 8; Northern Bobwhite 51; Rock Dove 184; Mourning Dove 9; Great Horned Owl 4; Barred Owl 1; Belted Kingfisher 1; Red-headed Woodpecker 4; Red-bellied Woodpecker 15; Downy Woodpecker 28; Hairy Woodpecker 7; Northern Flicker ssp. 46; Pileated Woodpecker 2; Horned Lark 60; Blue Jay 54; American Crow 54; Carolina Chickadee 70; Tufted Titmouse 37; White-breasted Nuthatch 1; Brown Creeper 7; Carolina Wren 4; Eastern Bluebird 42; American Robin 43; Northern Mockingbird 22; Brown Thrasher 1; Loggerhead Shrike 9; European Starling 508; Northern Cardinal 152; American Tree Sparrow 65; Field Sparrow 23; Song Sparrow 15; White-throated Sparrow 1; White-crowned Sparrow 10; Dark-eyed (Slate-colored) Junco 168; Red-winged Blackbird 57,810; Eastern Meadowlark 250; Rusty Blackbird 90; Common Grackle 798; Brown-headed Cowbird 842; American Goldfinch 33; House Sparrow 480. Total 49 species, about 62,180 individuals.

Bessie Boso, James, Jo and Michael Chapman, J. C. Johnson, Perina Jones (compiler - R.R. 2, Box 270, Pittsburg, KS 66762), Barbara Kiddoo, Mike and Patty Mueller, John Smardo, Theodore and Dorothy Sperry.

Pomona Reservoir. 38° 41' N, 95° 41' W. Center intersection U.S. 75 and Dragoon Creek. Habitat coverage: oldfields and fencerows 28%; riparian forest 27%; cultivated fields 14%; lakes and rivers 10%; grassland 8%; upland deciduous forest 7%; residential areas 3%; coniferous stands 2%; marsh 1%. December 19, 1982. 6:00 a.m. to 5:30 p.m.; 34°F to 52°F; wind NW, 4 - 24 m.p.h.; water mostly open; no snow cover; clear. Fifteen observers in 5 parties. Total party-hours 47 (31 on foot, 16 by car) plus 1 hr. owling. Total party-miles 262.5 (28.5 on foot, 234 by car) and 10 miles owling.

Double-crested Cormorant 1; Great Blue Heron 6; Canada Goose 36; Mallard 164; Canvasback 1; Common Goldeneye 16; Hooded Merganser 20; Common Merganser 1367; Bald Eagle 1; Northern Harrier 36; Red-tailed Hawk 156; Rough-legged Hawk 3; *Buteo* sp. 7; American Kestrel 24; Peregrine Falcon 1 (excellent details - Ed.); Ring-necked Pheasant 3; Greater Prairie Chicken 50; Wild Turkey 1; Northern Bobwhite 304; Killdeer 1; Ring-billed Gull 74; Herring Gull 15; Rock Dove 57; Mourning Dove 185; Eastern Screech-owl 1; Great Horned Owl 20; Barred Owl 7; Belted Kingfisher 7; Red-headed Woodpecker 2; Red-bellied Woodpecker 50; Yellow-bellied Sapsucker 4; Downy Woodpecker 82; Hairy Woodpecker 8; Northern (Yellow-shafted) Flicker 62; Northern (Red-shafted) Flicker 3; Northern Flicker ssp. 17; Horned Lark 572; Blue Jay 135; American Crow 293; Black-capped Chickadee 663; Tufted Titmouse 60; Red-breasted Nuthatch 1; White-breasted Nuthatch 42; Brown Creeper 3; Winter Wren 1; Golden-crowned Kinglet 20; Eastern Bluebird 17; American Robin 1395; Northern Mockingbird 17; Brown Thrasher 2; Cedar Waxwing 23; Loggerhead Shrike 11; European Starling 3810; Northern Cardinal 432; Rufous-sided Towhee 3; American Tree Sparrow 639; Field Sparrow 1; Song Sparrow 32; White-crowned Sparrow 23; Harris' Sparrow 256; Dark-eyed (Slate-colored) Junco 941; Dark-eyed (Oregon) Junco 3; Red-winged Blackbird 725; Eastern Meadowlark 39; Western Meadowlark 6; *Sturnella* sp. 397; Rusty Blackbird 300; Brewer's

Blackbird 120; Brown-headed Cowbird 401; Purple Finch 3; American Goldfinch 110; House Sparrow 833. Total 67 species (2 additional subspecies), about 15,121 individuals.

Joanne Brier, Bob Culbertson, Barbara Johnson, Steve Kingswood (compiler - Sedgwick County Zoo, 5555 Zoo Blvd., Wichita, KS 67212), Eugene and Eulalia Lewis, Terry Lincoln, Ron Parker, Evelyn and Ken Redman, Bob and Mobe Rucker, Roseanne Smith, Barry Wells, Steve Williams.

Quivira National Wildlife Refuge. 38° 09' N, 98° 29' W. Center old refuge subheadquarters, SE corner Sec. 11, T22S, R11W Stafford Co. Habitat coverage: grassland 50%; cultivated fields 30%; lakes and rivers 20%. December 20, 1982. 7:30 a.m. to 5:30 p.m.; 32°F to 56°F; wind NW to SW, 8 - 10 m.p.h.; clear. Four observers in 2 parties. Total party-hours 19 (2 on foot, 17 by car). Total party-miles 103 (3 on foot, 100 by car).

Great Blue Heron 11; Tundra Swan 2; Greater White-fronted Goose 49; Snow Goose (white morph) 11; Snow Goose (blue morph) 1; Canada Goose 2727; Green-winged Teal 64; Mallard 70,066; Northern Pintail 421; American Wigeon 150; Common Goldeneye 12; Bufflehead 2; Common Merganser 146; Bald Eagle 14; Northern Harrier 79; Cooper's Hawk 1; Red-tailed Hawk 37; Rough-legged Hawk 18; American Kestrel 8; Prairie Falcon 1; Ring-necked Pheasant 95; Wild Turkey 10; Northern Bobwhite 37; Ring-billed Gull 21; Rock Dove 3; Mourning Dove 8; Great Horned Owl 9; Red-bellied Woodpecker 4; Downy Woodpecker 9; Hairy Woodpecker 3; Northern (Yellow-shafted) Flicker 19; Northern (Red-shafted) Flicker 22; Horned Lark 58; Blue Jay 30; American Crow 40; Black-capped Chickadee 29; American Robin 25; Loggerhead Shrike 5; European Starling 210; Northern Cardinal 1; American Tree Sparrow 506; Harris' Sparrow 18; Dark-eyed (Slate-colored) Junco 58; Dark-eyed (Oregon) Junco 5; Red-winged Blackbird 1855; *Sturnella* sp. 169; Common Grackle 30; American Goldfinch 20; House Sparrow 6. Total 46 species (2 additional subspecies), about 77,125 individuals.

Ralph Bryant, Charles D. and Charles R. Darling (compiler - P.O. Box G, Stafford, KS 67578), Carl Marks.

Salina. 38° 50' N, 97° 38' W. Center 1 mile W of 9th St. and State Street Road. Habitat coverage: cultivated fields 40%; grassland 17%; residential areas 16%; riparian woodland 13%; oldfields and fencerows 12%; coniferous stands 1%; lakes and rivers 1%. January 2, 1983. 8:00 a.m. to 5:30 p.m.; 21°F to 26°F; wind NW to N, 10 - 15 m.p.h.; waters mostly frozen; 0 - 1" snow cover; overcast and foggy. Twenty-three observers in 8 parties. Total party-hours 47 (15 on foot, 32 by car) plus 6 hrs. at feeders. Total party-miles 386 (17 on foot, 369 by car).

Mallard 14; Northern Pintail 3; Northern Shoveler 40 (good details - Ed.); Northern Harrier 24; Sharp-shinned Hawk 1; Northern Goshawk 1 (excellent details - Ed.); Red-tailed Hawk 46; *Buteo* sp. 7; American Kestrel 21; Prairie Falcon 2; Ring-necked Pheasant 89; Greater Prairie Chicken 40; Northern Bobwhite 153; Rock Dove 246; Mourning Dove 60; Great Horned Owl 9; Barred Owl 1; Belted Kingfisher 2; Red-bellied Woodpecker 23; Downy Woodpecker 24; Hairy Woodpecker 5; Northern (Yellow-shafted) Flicker 13; Northern (Red-shafted) Flicker 1; Horned Lark 3569; Blue Jay 2; Black-billed Magpie 5; American Crow 105; Black-capped Chickadee 169; Tufted Titmouse 3; Red-breasted Nuthatch 4; White-breasted Nuthatch 19; Brown Creeper 20; Golden-crowned Kinglet 18; Eastern Bluebird 4; Townsend's Solitaire 1; American Robin 5; Northern Mockingbird 2; Brown Thrasher 1; Cedar Waxwing 20; Loggerhead Shrike 2; European Starling 966; Northern Cardinal 165; Rufous-sided Towhee 4; American Tree Sparrow 1930; Savannah Sparrow 4 (good details - Ed.); Song Sparrow 9; Harris' Sparrow 560; Dark-eyed (Slate-colored) Junco 397; Lapland Longspur 950; Red-winged Blackbird 2057; *Sturnella* sp 661; Common Grackle 5; Brown-headed Cowbird 2007; American Goldfinch 36; House Sparrow 3835. Total 53 species (1 additional subspecies), about 18,360 individuals. Seen in area during count period, but not on count day - Common Barn Owl, Eastern Screech-owl.

Jay and Judy Bailey, Stephen Burr, David and Nancy Clark, Sharon Forster, Barry

and Marlea Gruver, Virginia and Wyman Hobson, Roy Hough (compiler - 1902 Lewis, Salina, KS 67401), Dana and Wes Jackson, Harold Lear, Charles Marsh, Darron Miller, James Sackrider, Chris Seitz, Marjorie and Ray Streckfus, G. N. Waddell, Maure and Theresa Weig.

Sawyer. 37° 32' N, 98° 41' W. Center 2 miles N of Sawyer, Ks. Habitat coverage: cultivated fields 65%; grassland 10%; riparian woodland 10%; unknown 15%. December 30, 1982. 8:00 a.m. to 5:00 p.m.; 21°F to 30°F; wind SE, 0 - 10 m.p.h.; water mostly open; 0 - 2" snow cover; overcast. Twelve observers in 3 parties. Total party-hours 27 (16 on foot, 11 by car). Total party-miles 102 (14 on foot, 88 by car).

Great Blue Heron 26; Canada Goose 7; Wood Duck 14; Green-winged Teal 9; Mallard 310; Northern Shoveler 1; Gadwall 2; Common Merganser 30; Northern Harrier 21; Cooper's Hawk 3; Red-tailed Hawk 22; Rough-legged Hawk 6; American Kestrel 4; Prairie Falcon 11; Ring-necked Pheasant 109; Wild Turkey 107; Northern Bobwhite 166; Common Snipe 5; Rock Dove 78; Mourning Dove 27; Great Horned Owl 12; Barred Owl 3; Belted Kingfisher 17; Red-bellied Woodpecker 59; Yellow-bellied Sapsucker 1; Downy Woodpecker 56; Hairy Woodpecker 16; Northern (Yellow-shafted) Flicker 19; Northern (Red-shafted) Flicker 7; Northern Flicker ssp. 16; Horned Lark 9100; Blue Jay 1; American Crow 240; Black-capped Chickadee 126; Tufted Titmouse 23; White-breasted Nuthatch 45; Bewick's Wren 1; Winter Wren 3; Golden-crowned Kinglet 3; Ruby-crowned Kinglet 2; Eastern Bluebird 103; American Robin 190; Cedar Waxwing 450; Loggerhead Shrike 1; European Starling 400; Yellow-rumped (Myrtle) Warbler 8; Northern Cardinal 70; Rufous-sided Towhee 2; American Tree Sparrow 1040; Fox Sparrow 3; Song Sparrow 75; Lincoln's Sparrow 1; White-crowned Sparrow 1; Harris' Sparrow 335; Dark-eyed (Slate-colored) Junco 542; Dark-eyed (Oregon) Junco 33; Lapland Longspur 5500; Red-winged Blackbird 2270; Western Meadowlark 790; American Goldfinch 48; House Sparrow 430. Total 58 species (2 additional subspecies), about 23,000 individuals.

Kevin Becker, Lloyd Fox, Bob, Holly and Robin Hartmann, Bill Hlavachick (compiler - 214 N. Main, Pratt, KS 67124), Bill Layter, Frank Nesmith, Jane and Lee Queal, Brian Thom, Bob Wood.

Topeka. 39° 02' N, 95° 40' W. Center State Capitol. Habitat coverage: cultivated fields 30%; deciduous forest 24%; lakes and rivers 20%; residential areas 15%; grassland 9%; feedlots 2%. December 18, 1982. 6:00 a.m. to 5:30 p.m.; 32°F to 60°F; wind NW, 10 m.p.h.; waters mostly open; no snow cover; clear A.M., overcast P.M. Twenty-five observers in 9 parties. Total party-hours 60.5 (29.5 on foot, 31 by car) plus 1 hr. owling and 4 hrs. at feeders. Total party-miles 328 (35 on foot, 293 by car) and 10 miles owling.

White Pelican 1 (excellent details - Ed.); Great Blue Heron 6; Green-backed Heron 1 (excellent details - Ed.); Canada Goose 40; Mallard 184; Canvasback 3; Ring-necked Duck 7; Lesser Scaup 4; Common Goldeneye 5; Bufflehead 2; Hooded Merganser 2; Common Merganser 48; Bald Eagle 1; Northern Harrier 7; Sharp-shinned Hawk 2; Red-tailed Hawk 88; Red-tailed (Harlan's) Hawk 1; Rough-legged Hawk 2; American Kestrel 30; Ring-necked Pheasant 4; Greater Prairie Chicken 6; Northern Bobwhite 74; Killdeer 24; Common Snipe 3; Ring-billed Gull 59; Herring Gull 24; Rock Dove 1016; Mourning Dove 361; Eastern Screech-owl 2; Great Horned Owl 8; Belted Kingfisher 6; Red-headed Woodpecker 35; Red-bellied Woodpecker 44; Yellow-bellied Sapsucker 4; Downy Woodpecker 45; Hairy Woodpecker 10; Northern (Yellow-shafted) Flicker 11; Northern Flicker ssp. 14; Blue Jay 215; American Crow 188; Black-capped Chickadee 241; Tufted Titmouse 41; Red-breasted Nuthatch 2; White-breasted Nuthatch 22; Brown Creeper 7; Golden-crowned Kinglet 5; Ruby-crowned Kinglet 1; Eastern Bluebird 19; American Robin 320; Northern Mockingbird 6; Brown Thrasher 1; Cedar Waxwing 152; Loggerhead Shrike 8; European Starling 2073; Northern Cardinal 292; Rufous-sided Towhee 1; American Tree Sparrow 112; Field Sparrow 1; Fox Sparrow 1; Song Sparrow 25; White-throated Sparrow 6; White-crowned Sparrow 7; Harris' Sparrow 76; Dark-eyed (Slate-colored) Junco 886; Dark-eyed (Oregon) Junco 4; Red-winged Blackbird 23; Eastern Meadowlark 95; Western Meadowlark 37; *Sturnella* sp. 57; Brewer's Blackbird 7; Common Grackle

107; Brown-headed Cowbird 15; Purple Finch 26; Pine Siskin 29; American Goldfinch 270; House Sparrow 636. Total 72 species (3 additional subspecies), about 8198 individuals. Seen in area during count period, but not on count day - Snow Goose, Gadwall, American Wigeon, Northern Shoveler, Red-breasted Merganser (no details - Ed.), Bonaparte's Gull (no details - Ed.).

Marion Bates, Joanne Brier, Hugh Bryan, Arline and Robert Delker, Gussie Flentje, Dean Grisell, Thelma Hagen, Dan and Marge Heeney, Scotty Johnson, Ida Mae Large, Dan Larson, Eugene and Eulalia Lewis, Virginia Lockhart, Steve Lyrene, Sarah Merrill, Mabel Osborn, Joanne Ramberg, Orville Rice (compiler - 1627 W. 29th, Topeka, KS 66611), Owen Smith, Donna Vausbinder, Paul Willis, Eugene Willett.

Udall - Winfield. 37° 16' N, 96° 59' W. Center water tower at Winfield State Training School. Habitat coverage: riparian woodland 28%; oldfields and fencerows 28%; cultivated fields 26%; lakes and rivers 10%; grassland 4%; residential areas 2%; coniferous stands 1%; marsh 1%. December 19, 1982. 8:00 a.m. to 5:00 p.m.; 34°F to 50°F; wind SW, 5 m.p.h.; water open; ground damp; clear. Eleven observers in 4 parties. Total party-hours 36 (15 on foot, 21 by car) plus 2 hrs. owling. Total party-miles 378 (39 on foot, 339 by car) and 32 miles owling.

Great Blue Heron 8; Greater White-fronted Goose 2; Mallard 294; Gadwall 1; American Wigeon 2; Lesser Scaup 1; Common Goldeneye 275; Hooded Merganser 1; Common Merganser 161; Bald Eagle 1; Northern Harrier 31; Cooper's Hawk 3; Northern Goshawk 1 (excellent details - Ed.); Red-tailed Hawk 146; Rough-legged Hawk 2; American Kestrel 56; Prairie Falcon 1; Ring-necked Pheasant 7; Greater Prairie Chicken 30; Northern Bobwhite 615; American Coot 1; Killdeer 7; Ring-billed Gull 23; Rock Dove 194; Mourning Dove 75; Great Horned Owl 13; Barred Owl 6; Belted Kingfisher 4; Red-headed Woodpecker 26; Red-bellied Woodpecker 65; Yellow-bellied Sapsucker 5; Downy Woodpecker 33; Hairy Woodpecker 6; Northern (Yellow-shafted) Flicker 44; Northern (Red-shafted) Flicker 3; Horned Lark 1090; Blue Jay 91; American Crow 242; Black-capped Chickadee 108; Carolina Chickadee 112; Tufted Titmouse 89; Red-breasted Nuthatch 2; White-breasted Nuthatch 51; Brown Creeper 7; Carolina Wren 3; Bewick's Wren 2; Golden-crowned Kinglet 4; Ruby-crowned Kinglet 4; Eastern Bluebird 42; American Robin 401; Northern Mockingbird 12; Brown Thrasher 1; Cedar Waxwing 50; Loggerhead Shrike 19; European Starling 4598; Cape May Warbler 1 (excellent details - Ed.); Yellow-rumped (Myrtle) Warbler 1; Northern Cardinal 183; Rufous-sided Towhee 7; American Tree Sparrow 1037; Field Sparrow 6; Savannah Sparrow 1 (no details - Ed.); Song Sparrow 42; Lincoln's Sparrow 3; White-throated Sparrow 1; White-crowned Sparrow 1; Harris' Sparrow 760; Dark-eyed (Slate-colored) Junco 537; Dark-eyed (Oregon) Junco 7; Lapland Longspur 876; Red-winged Blackbird 3525; Eastern Meadowlark 40; Western Meadowlark 13; *Sturnella* sp. 789; Rusty Blackbird 820; Brewer's Blackbird 300; Common Grackle 6; Brown-headed Cowbird 313; Purple Finch 5; Pine Siskin 3; American Goldfinch 360; House Sparrow 1488. Total 79 species (2 additional subspecies), about 20,205 individuals.

Betty and Duane Anderson, Wallace Champeny, Janet Laws, Max Thompson (compiler - 1704 E. 9th St., Winfield, KS 67156), Gerald Wiens, Larry and Ross Williams, Donna and Wayne Wilt, Robert Wimmer.

Wichita. 37° 41' N, 97° 20' W. Center confluence of Arkansas and Little Arkansas Rivers. Habitat coverage: 40% riparian woodland; 30% residential areas; 15% lakes and rivers; 10% cultivated fields; 5% marsh. December 18, 1982. 8:00 a.m. to 5:00 p.m.; 29°F to 55°F; wind S to N. 4 - 10 m.p.h.; water open; clear. Twenty-two observers in 6 parties. Total party-hours 46 (32 on foot, 14 by car) and 2 hrs. at feeders. Total party-miles 311 (32 on foot, 279 by car).

Eared Grebe 1 (no details - Ed.); Pied-billed Grebe 6; Great Blue Heron 2; Canada Goose 1104; Green-winged Teal 29; Mallard 996; Northern Pintail 2; Northern Shoveler 3; Gadwall 134; American Wigeon 37; Canvasback 44; Redhead 15; Ring-necked Duck 81; Lesser Scaup 7; Common Goldeneye 52; Bufflehead 23; Northern Harrier 2; Northern Goshawk 1 (no details - Ed.); Red-tailed Hawk 48;

Red-tailed (Harlan's) Hawk 4; American Kestrel 13; Merlin 1; Ring-necked Pheasant 64; Wild Turkey 1; Northern Bobwhite 18; American Coot 199; Killdeer 5; Common Snipe 8; Ring-billed Gull 1326; Herring Gull 2; Rock Dove 1210; Mourning Dove 93; Common Barn Owl 1; Great Horned Owl 13; Belted Kingfisher 11; Red-bellied Woodpecker 7; Yellow-bellied Sapsucker 1; Downy Woodpecker 13; Hairy Woodpecker 7; Northern (Yellow-shafted) Flicker 25; Northern (Red-shafted) Flicker 4; Northern Flicker ssp. 8; Horned Lark 500; Blue Jay 163; American Crow 8307; Black-capped Chickadee 114; Tufted Titmouse 10; Red-breasted Nuthatch 2; White-breasted Nuthatch 5; Brown Creeper 8; Carolina Wren 1; Marsh Wren 1; Golden-crowned Kinglet 11; Ruby-crowned Kinglet 1; American Robin 23; Northern Mockingbird 5; Brown Thrasher 2; Cedar Waxwing 10; Loggerhead Shrike 4; European Starling 6796; Northern Cardinal 186; Rufous-sided Towhee 10; American Tree Sparrow 189; Field Sparrow 10; Fox Sparrow 1; Song Sparrow 157; Swamp Sparrow 2; White-throated Sparrow 11; White-crowned Sparrow 39; Harris' Sparrow 723; Dark-eyed (Slate-colored) Junco 1199; Dark-eyed (Oregon) Junco 5; Red-winged Blackbird 755,425; *Sturnella* sp. 142; Rusty Blackbird 3; Brewer's Blackbird 6; Great-tailed Grackle 512; Common Grackle 83; Brown-headed Cowbird 250,459; Purple Finch 1; American Goldfinch 177; House Sparrow 1178. Total 78 species (3 additional subspecies), about 1,032,102 individuals.

Anna Adrian, Renee Baade, Walker Butin, Wallace Champeny (compiler - RR 1, Oxford, KS 67119), Beverly Dugay, Don Ferguson, James Fisher, Bob Gress, Bev Hodges, Dan Kilby, Steve Kingswood, Mike Lesan, George Neavoll, Jean and Miriam Roark, Joe Schaefer, Eddie and Savilla Stegall, Durward Tucker, Don Vannoy, Dale Virden, Ralph Wiley.

Wilson Reservoir. 38° 56' N, 98° 34' W. Center northernmost point of Minooka Park (6 miles NNE Dorrance, Ks). Habitat coverage: lakes and rivers 25%; riparian woodland 20%; grassland 25%; residential areas 10%; oldfields and fencerows 10%; coniferous stands 5%; cultivated fields 2%; marsh 3%. December 18, 1982. 7:15 a.m. to 5:15 p.m.; 35°F to 55°F; wind NW, 15 - 25 m.p.h.; waters open; no snow cover; clear A.M., overcast P.M. Eleven observers in 4 parties. Total party-hours 36 (19 on foot, 17 by car) plus 0.5 hrs. owling. Total party-miles 356 (16 on foot, 340 by car) and 10 miles owling.

Canada Goose 10; Mallard 1068; Northern Shoveler 1; Gadwall 4; Oldsquaw 1 (excellent details - Ed.); Common Goldeneye 150; Bufflehead 1; Hooded Merganser 3; Common Merganser 288; Bald Eagle 1; Northern Harrier 48; Sharp-shinned Hawk 2; Cooper's Hawk 1; Red-tailed Hawk 34; Rough-legged hawk 1; *Buteo* sp. 4; Golden Eagle 2; American Kestrel 26; Merlin 2; Prairie Falcon 6; Ring-necked Pheasant 49; Greater Prairie Chicken 12; Northern Bobwhite 52; American Coot 1; Common Snipe 2; Bonaparte's Gull 1 (excellent details - Ed.); Ring-billed Gull 271; Herring Gull 1; Rock Dove 18; Mourning Dove 1; Great Horned Owl 8; Belted Kingfisher 3; Red-bellied Woodpecker 11; Downy Woodpecker 3; Northern (Yellow-shafted) Flicker 8; Northern (Red-shafted) Flicker 8; Horned Lark 244; Blue Jay 26; Black-billed Magpie 6; American Crow 8; Black-capped Chickadee 53; Rock Wren 1 (excellent details - Ed.); Golden-crowned Kinglet 45; American Robin 6; Northern Mockingbird 2; Loggerhead Shrike 1; European Starling 37; Northern Cardinal 20; American Tree Sparrow 2165; Savannah Sparrow 1 (excellent details - Ed.); Fox Sparrow 4; Song Sparrow 2; White-throated Sparrow 2; White-crowned Sparrow 19; Harris' Sparrow 312; Dark-eyed (Slate-colored) Junco 262; Lapland Longspur 180; Red-winged Blackbird 2050; Western Meadowlark 185; Rusty Blackbird 1; American Goldfinch 47; House Sparrow 161. Total 60 species (1 additional subspecies), about 7942 individuals. Seen in area during count period, but not on count day - Green-winged Teal, American Wigeon, Lesser Scaup, Hairy Woodpecker, Say's Phoebe (excellent details - Ed.), Pinyon Jay (excellent details - Ed.), Townsend's Solitaire, Rufous-sided Towhee, Yellow-headed Blackbird (excellent details - Ed.).

L. Banker, Jerilyn and Tom Cannon (compiler - Box 127, Lucas, KS 67648), J. Holland, James and Jean Piland, M. Ross, G. Stroemer, Bunnie and Mike Watkins, and D. Williamson.

Hays. 38° 47' N, 99° 23' W. Center 3.5 miles S, 4 miles W of Hays, Ks. Habitat coverage: residential areas 50%; riparian woodland 15%; oldfields and fencerows 10%; grassland 10%; lakes and rivers 10%; cultivated fields 5%. December 18, 1982, 8:00 a.m. to 5:30 p.m., 31°F to 56°F; wind W to NW, 10 - 20 m.p.h.; water open; no snow cover; partly cloudy to overcast. Twelve observers in 6 parties. Total party-hours 30 (12 on foot, 18 by car) and 16 hrs. at feeders. Total party-miles 268 (28 on foot, 240 by car).

Great Blue Heron 6; Green-winged Teal 21; Mallard 22; American Wigeon 1; Bald Eagle 3; Northern Harrier 5; Sharp-shinned Hawk 1; Red-tailed Hawk 24; Ferruginous Hawk 5; Rough-legged Hawk 8; *Buteo* sp. 1; American Kestrel 18; Ring-necked Pheasant 97; Northern Bobwhite 1; Common Snipe 2; Rock Dove 606; Mourning Dove 41; Great Horned Owl 15; Barred Owl 1; Belted Kingfisher 1; Red-bellied Woodpecker 5; Yellow-bellied Sapsucker 1; Downy Woodpecker 21; Hairy Woodpecker 4; Northern (Yellow-shafted) Flicker 2; Northern (Red-shafted) Flicker 10; Northern Flicker ssp. 15; Horned Lark 3760; Blue Jay 12; Black-billed Magpie 7; American Crow 55; Black-capped Chickadee 88; Red-breasted Nuthatch 2; White-breasted Nuthatch 4; Brown Creeper 6; Winter Wren 1; Townsend's Solitaire 1; American Robin 12; Cedar Waxwing 12; Loggerhead Shrike 1; European Starling 1644; Orange-crowned Warbler 1 (no details - Ed.); Northern Cardinal 9; American Tree Sparrow 495; Song Sparrow 45; White-crowned Sparrow 12; Harris' Sparrow 131; Dark-eyed (Slate-colored) Junco 197; Dark-eyed (Oregon) Junco 11; Dark-eyed (Gray-headed) Junco 1; Dark-eyed Junco ssp. 74; Lapland Longspur 2715; Red-winged Blackbird 8232; Western Meadowlark 552; Rusty Blackbird 25; Common Grackle 25; Brown-headed Cowbird 24; House Finch 45; Pine Siskin 3; American Goldfinch 280; House Sparrow 1663. Total 55 species (3 additional subspecies), about 21,082 individuals. Seen in area during count period, but not on count day - Brown Thrasher, Evening Grosbeak.

Earl Carlson, Donna Cooper (compiler - 2906 Walnut, Hays, KS 67601), Charles Ely, Clay Ginther, Katherine Mermis, Carl Nicholas, Marvin Rolfs, Scott Selzman, Annie Laurie Steele, Dean Stramel, Tricia Teller, Evelyn Wiesner.

Second Record of the Magnificent Frigatebird for Kansas. There are four records of the Magnificent Frigatebird (*Fregata magnificens*) for the Great Plains. Johnston (1965. A directory to the Bird-life of Kansas, Univ. Kansas., Mus. Nat. Hist., Misc. Publ. 23:8) listed Goss' specimen, taken on 16 August 1880 from Osborne County, Kansas; and Heller and Barclay (1977. Bull. Oklahoma Ornithol. Soc. 10:9-10) mentioned two specimens from Woods and Caddo Counties, Oklahoma collected in August 1936 and April 1933 respectively. The latter also reported a third specimen of *Fregata*, probably *minor*, found in emaciated condition on 3 November 1975 in Noble County, Oklahoma. A recent sight record of one *F. magnificens* exists for 30-31 August 1980 from Great Salt Lake Plains State Park, Alfalfa County, Oklahoma (1981. Amer. Birds 35:198).

On 17 June 1982 while driving just south of Lake Larrabee in Meade State Park and Lake, we observed a large bird with long wings and a forked tail as it hovered over the water near the swimming beach. Ten minutes of continuous observation documented with color transparencies (Figure 1) showed the bird to be an adult female Magnificent Frigatebird as described in Palmer (1962. Handbook of North American Birds, Vol. 1, 567 pp).

The Meade frigatebird had been seen first on 16 June by Mark Goldsberry, Manager of Meade State Park and Lake. It appeared in good condition and seemed to be hunting in a typical manner, although we saw no attempts to capture prey. The bird was apparently able to feed because on 23 July, Marvin Schwilling and Jim Ptacek were confident they observed the frigatebird fly over them at the artesian well in the Meade Fish Hatchery, about a mile from the state lake.

All but one of the past Great Plains records of frigatebird occurred in late summer or fall, the season most prone to storm development in the Gulf of Mexico and Caribbean region. Hurricane Allen was suggested as the cause of the frigatebird at Great Salt Plains. It is equally likely that the frigatebird at Meade was a result of a near-hurricane force storm west of Florida in late May 1982.



Figure 1. Adult female Magnificent Frigatebird seen on several dates in June and July 1982 near Meade, Kansas.

BOOK REVIEW

The Birdwatcher's Companion: an Encyclopedic Handbook of North American Birdlife. Christopher Leahy. Hill and Wang, New York, NY. 1982. x + 917 pages. Black and white as well as colored drawings. Hard cover. \$29.50.

A large number of books have been written in the last 20 years to take advantage of the exploding interest in birds and bird watching. Many of these have been exploitive of the market. Some have been absolutely worthless. *The Birdwatcher's Companion*, sponsored by the Massachusetts Audubon Society, however, is an important, valuable contribution for both the amateur and professional ornithologist as well as birdwatchers of every ilk. It is 'all you want to know about birds, but find too difficult to dig out of the literature'. Leahy has written an encyclopedia, not just compiled a set of entries. He has written with scientific competence and in a clear, often delightful style. It covers not just birds, but birdwatching and birdwatchers as well. I frankly believe that 'the companion' is an essential addition to your library because it will give you the information you need to answer the questions your non-birding friends are always asking - what's the most abundant bird? how high do birds fly? how long do birds live?, is the ivory-bill extinct?, what in the . . . is a dickcissel! (at least my friends), pishing? is there really a swan song?, *ad almost infinitum*. Indeed, I've been reviewing my lecture notes for the coming spring semester to see where they need to be upgraded

by the current literature and in the process have used 'the companion' to add several ancillary points of information. As you might expect, many entries are just a sentence or two; there is only just so much you can say about the rhomboid sinus. Other entries cover several pages. And there is information in 'the companion' that I don't think you can find anywhere else, like the entry on that occasional periodical, *The Auklet*, or the differences in meaning between birding and bird watching being dependent on whether you are east or west of the Atlantic Ocean or that a flock of phainopepla is a "strand" (see if you can figure that one out). There are two appendices; the first is a list of 702 species in phylogenetic order that regularly occur in North America, while the second lists 140 species that have occurred as vagrants. Unfortunately, the nomenclature and taxonomic sequence does not completely agree with that proposed for the soon forthcoming 6th edition of the A.O.U. *Check-list*. There is an extensive bibliography organized alphabetically by topic.

John L. Zimmerman, Division of Biology, Kansas State University, Manhattan, KS 66506.

KANSAS ORNITHOLOGICAL SOCIETY

Officers for 1982-1983

President	Calvin Cink Baker University Baldwin City, KS 66006
Vice-president	Roger Boyd Baker University Baldwin City, KS 66006
Corresponding Secretary	Dwight Platt Rt. 2, Box 209 Newton, KS 67114
Membership Secretary	Jane Hershberger 18 Circle Dr. Newton, KS 67114
Business Manager	Max C. Thompson 1704 E. 9th St. Winfield, KS 67156
Treasurer	Eugene R. Lewis 1285 MacVicar Topeka, KS 66604
Librarian	Ruth Fauhl 1923 Ohio St. Lawrence, KS 66044

Directors at Large

David Seibel	1981-1983	
Scott Seltman	1982-1984	Charles Hall
Editor, <i>The Bulletin</i>		Lawrence Herbert
		John L. Zimmerman
		Div. Biology, KSU
		Manhattan, KS 66506
Editor, <i>The Newsletter</i>		Elmer Finck
		Div. Biology, KSU
		Manhattan, KS 66506