

Bird-Lore's Thirtieth Christmas Census

THE highest number of species in this census, 121, is listed by Santa Barbara, Calif., and comprises about 4,609 individuals. In the Northeastern States, Cape May, N. J., leads with 74 species, comprising about 16,988 individuals, the Bronx Region, N. Y., with the remarkable list of 93 species, not having confined itself to the prescribed 15-mile diameter. A total of 69 from Watermill, etc., L. I., by a single observer, is notable. In the Central States, Buckeye Lake, Ohio, lists 44 species (a single observer), Memphis, Tenn., 59. In the South, Jacksonville, Fla., lists 83 species, about 5,000 individuals.

The most interesting single feature of the census is a southward invasion by the Pine Grosbeak, in numbers at least to central Massachusetts, scattering to interior western Connecticut (Oxford), to Westchester County, N. Y., and in northern New Jersey (south to Bernardsville) and Pennsylvania. Massachusetts is the center of this wave; the Pine Grosbeak is mentioned in all but one of the ten reports from there, a total of 320 individuals. A report from Hartford, Conn., (The Hartford Bird Study Club), December 26, received too late for publication, lists 10 individuals.

Atlantic Ocean.—(S. S. Mauritania. Approximate course, $42^{\circ}48' N.$, $51^{\circ}47' W.$ to $42^{\circ}19' N.$, $55^{\circ}58' W.$). December 21, observation for 3 hours, 48 minutes in three periods between 7.49 A.M. and 4.03 P.M. Kittiwake, 430; Dovekie, 171; Razor-billed Auk, 22. Total, 3 species, 623 individuals. (Figures approximate.)—T. H. MCKITTRICK, JR. [See also Georges Bank, p. 24].

Chambly, Que. (near Montreal).—Dec. 22; 10 A.M. to 4.20 P.M. Clear, nearly 2 feet of snow in woods; temp. 0° . Ten miles on foot. Observers together. Merganser (sp. ?), 3; Ruffed Grouse, 4 (tracks of about 12 noted); Hairy Woodpecker, 1; Downy Woodpecker, 1; Starling, 75; Pine Grosbeak, 1; Redpoll, 20; Snow Bunting, 7; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 4; Black-capped Chickadee, 65 (well distributed). Total, 11 species, 182 individuals.—H. A. C. JACKSON, R. A. OUTHET, L. M. TERRILL (Province of Quebec Society for the Protection of Birds).

Arnprior, Ont.—Dec. 25; 9 A.M. to 5 P.M. Cloudy, with light snow; 16 in. snow on ground; wind east, light; temp. 8° at start, 12° at return. Twenty miles on foot. Observers separate. Canada Ruffed Grouse, 22; Hairy Woodpecker, 1; Downy Woodpecker, 2; Blue Jay, 7; European Starling, 8; Evening Grosbeak, 63; Pine Grosbeak, 53; Redpoll, 56; Pine Siskin, 35; Snow Bunting, 7; Brown Creeper, 1; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 10; Black-capped Chickadee, 86. Total, 14 species, 355 individuals. Between Sept. 20 and Nov. 15 a number of Canada Jays passed this station, an unusual occurrence in this district. The scarcity of Woodpeckers of all species and the abundance of the Red-breasted Nuthatch are noteworthy.—LIGUORI GORMLEY and CHARLES MACNAMARA.

London, Ont. (vicinity of).—Dec. 28. Wind southwest, light; about 1 foot of snow on the level, wet with the recent thaw. Overcast except for about one hour in the afternoon; light-visibility poor in the early morning and again toward evening; temp. 34° at 8 A.M., 34° at 1 P.M., 30° at 7 P.M. Combined list of 18 observers, working in 13 parties, some in the morning, others in the afternoon, practically from daylight until dark. Herring Gull, 6; American Merganser, 25; Black Duck, 11; American Golden-eye, 36; Wilson's Snipe, 1 (where the ground had been kept open by a spring, observed quite closely); Quail, 8; Grouse, 1; Pheasant, 25; Cooper's Hawk, 1; Redtail Hawk, 1 (2 others shot recently); Long-eared Owl, 1; Screech Owl, 5; Great Horned Owl, 2; Kingfisher, 3; Hairy Woodpecker, 12; Downy Woodpecker, 35; Sapsucker (?), 1 (got away before it could be positively identified); Flicker, 1; Jay, 54; Crow,

359; Starling, 153; Meadowlark, 1 (at a dump with Starlings, etc.); Grackle, 1 (at the same dump); Pine Grosbeak, 51; Purple Finch, 8; Goldfinch, 28; Siskin, 20; Snow Bunting, 23; Tree Sparrow, 71; Junco, 33; Cardinal, 31; Northern Shrike, 1; Creeper, 2; White-breasted Nuthatch, 48; Chickadee, 160; Golden-crowned Kinglet, 7. Total, 37 species, 1436 individuals. Hundreds of English Sparrows. Also seen recently, Red-shouldered Hawk and Marsh Hawk; also Catbird (Dec. 11). No Song Sparrow seen, the first time the species has been missed for many years.—J. F. CALVERT, W. COUSINS, E. M. S. DALE, EDWARD DALY, E. DAVIS, VERNE FRANKS, FRANK GERLING, WM. GERLING, J. C. HIGGINS, EDISON MATTHEW MR. and MRS. E. H. MCKONE, J. R. MCLEOD, BOB MCLEOD, FRED ROSSER, W. E. SAUNDER C. G. WATSON, and TOM WILLIS (McIlwraith Ornithological Club).

Ottawa, Ont.—Dec. 22. Twenty observers in nine separate parties on foot. Cloudiness 10 per cent; wind light northwest morning and evening, stronger at noon; ground covered with snow, averaging 15 to 18 in. deep, and with bad crust not strong enough to walk on temp. 0° at 7.30 A.M., 6° at 3 P.M., 0° at 6 P.M. First party, 8 A.M. to 2 P.M., east along north bank Ottawa River to Pointe Gatineau, East Templeton, and Ste. Rose de Lima, Que., and return, 19 miles by auto and 5 on foot; second party, 7.30 A.M. to 4.30 P.M., north on east side of Gatineau River, through Pointe Gatineau, Que., and "back road" to Kirk's Ferry, the south on west side of Gatineau River through Chelsea, 14 miles by auto, 16 on foot; third party, 7.30 A.M. to 4.45 P.M., west along north bank Ottawa River to Aylmer and Queen's Park, Que., and 1 mile beyond and return to Deschenes, 15 miles by street-car, 12 on foot; fourth party, 10.30 A.M. to 3.30 P.M., western city limits (Holland Ave.) to Woodroffe on foot thence street-car to Britannia and around Britannia on foot, 2 miles by street-car, 10 on foot; fifth party, 9 A.M. to 4.20 P.M., Experimental Farm and Rideau Canal to Black Rapids and return, 16 miles on foot; sixth party, 8.45 A.M. to 3.45 P.M., south on Metcalfe Road and return 8 miles by auto, 8 on foot; seventh party, 9 A.M. to 7 P.M., south to Leitrim and vicinity, east of Metcalfe Road, 25 miles on foot; eighth party, 9 A.M. to 3 P.M., southeast to Rideau Park and return, 18 miles on foot; ninth party, 8 A.M. to 9.30 A.M. and then feeding-station all day Rockcliffe Park and vicinity, 3 miles on foot. American Merganser, 4; American Golden-eye, 31; Canada Ruffed Grouse, 3; Great Horned Owl, 1; Hairy Woodpecker, 8; Downy Woodpecker, 13; Blue Jay, 9; Canada Jay, 2; Crow, 230; Starling, 617; Pine Grosbeak, 81; Crossbill (sp.), 14; Redpoll, 107; Goldfinch, 2; Pine Siskin, 7; Snow Bunting, 856; Tree Sparrow, 2; Song Sparrow, 1; Northern Shrike, 4; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 12; Black-capped Chickadee, 174; Robin, 3. Total, 23 species, 2195 individuals. Also House Sparrow, 836. Barred Owl seen frequently for month and a half past, observed December 21, but not on 22d.—DAVID BAKER, D. B. DE LURY, R. E. DE LURY, B. A. FAUVEL, C. E. JOHNSON, W. H. LANCELEY, A. LAROCQUE, GRANT LATHE, HARRISON F. LEWIS, ELIZABETH LLOYD, HELEN LLOYD, HOYES LLOYD, H. A. LLOYD, WILMOT LLOYD, ROBERT LOCKWOOD, F. H. OSTROM, JOS. SKILLEN, C. M. STERNBERG, R. STERNBERG, HARLOW WRIGHT (Ottawa Field-Naturalists' Club).

Pakenham, Ont.—Dec. 24; 9 A.M. to 12 M., 1.15 P.M. to 4.30 P.M. Fair, bright sunshine; slight westerly wind; temp. 0° at start, 10° at return; 18 in. of snow. One observer rode 18 miles on wood sleigh; two observers (together) traveled 6 miles on snowshoes. Canada Ruffed Grouse, 11; Hairy Woodpecker, 1; Blue Jay, 3; Canada Jay, 2; Starling, 1; Pine Grosbeak, 2 (one rosy male); Redpoll, 2; Snow Bunting, 31; Black-capped Chickadee, 6. Total, 9 species, 59 individuals. The two Canada Jays were at our feeding-station. At least 4 have been about since Nov. 8. A Pileated Woodpecker, Northern Shrike, and White-breasted Nuthatch are residents but were not seen on Census Day.—EDNA G. ROSS, VERNA M. ROSS, ALLAN F. ROSS.

Camrose, Alberta (to Battle River and back).—Dec. 23; 9 A.M. to 4 P.M. Cloudy at start; light northwest wind; clear in the afternoon; temp. 15° at start, 24° at return. Fifteen miles by car, 10 miles on foot. Ruffed Grouse, 8; Sharp-tailed Grouse, 5; Hungarian Partridge, 10; American Goshawk, 3; Hairy Woodpecker, 1; Downy Woodpecker, 2; Magpie, 25; Blue Jay, 5; Pine Grosbeak, 100; Redpoll, 1000; White-winged Crossbill, 30; Snow Bunting, 3000;

Northern Shrike, 1; Brown Creeper, 10; Black-capped Chickadee, 50; Hudsonian Chickadee. Total, 16 species, about 4260 individuals.—ARTHUR C. TWOMEY.

Summerland, Okanagan Lake, B. C.—Dec. 22; 8.30 A.M. to 3.30 P.M. Very strong south wind; cloudy, with snow in the air in the morning. Depth of snow from 4 to 15 in.; average temp. 38°. Along 4 miles of lake-front and adjoining fruit-benches, back to pine-clad hills. Area covered, about 10 square miles. Observers separate. Herring Gull, 4; American Golden-eye, 2; Bufflehead, 3; Canada Goose, 5; Wilson's Snipe, 2; Killdeer, 3; Pheasant, 107; Hungarian Partridge, 6; California Quail, 355; Goshawk, 1; Pigeon Hawk, 2; Bald Eagle, 1; Hairy Woodpecker, 4; Batchelder's Woodpecker, 2; Red-shafted Flicker, 44; Magpie, 51; Clarke's Nutcracker, 1; Red-winged Blackbird, 30; Meadowlark, 9; Brewer's Blackbird, 3; Evening Grosbeak, 42; Pine Grosbeak, 25; Redpoll, 1120; Goldfinch, 195; Pine Siskin, 550; Snow Bunting, 1; Tree Sparrow, 2; Shufeldt's Junco, 650; Song Sparrow, 49; Towhee, 1; Bohemian Waxwing, 870; Northern Shrike, 2; Dipper, 2; Slender-billed Nuthatch, 4; Red-breasted Nuthatch, 1; Pygmy Nuthatch, 5; Long-tailed Chickadee, 81; Mountain Chickadee, 20; Golden-crowned Kinglet, 1. Total, 39 species, 4365 individuals. Also English Sparrows, 50.—S. A. LUDDELL, ERIC M. TAIT, and HERBERT M. SIMPSON.

Bangor, Maine (Bangor, Hampden, Brewer).—Dec. 23; 7 A.M. to 3.30 P.M. Fair to cloudy; calm; 4 in. of snow with heavy crust; wind, northwest; temp. at start 0°, 13° at finish. Bangor to Hampden by trolley, return auto to Bangor Sanctuary, trolley to Brewer, 16 miles trolley and auto, 4 miles on foot. Herring Gull, 6; Hairy Woodpecker, 3; Downy Woodpecker, 3; Starling, 231; Pine Grosbeak, 85; Redpoll, 8; Tree Sparrow, 8; Slate-colored Junco, 1; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 3; Black-capped Chickadee, 23; Ruby-crowned Kinglet, 3; Robin, 2. Total, 14 species, 340 individuals. House Sparrow, 72. Mockingbird at feeding-station in Bangor from Nov. 15 to date. Spent ¾ hour at this station, but he did not appear during my visit although there Dec. 22.—BYRON W. BARKER.

Waterville, Maine.—Dec. 23; 9.30 A.M. to 5 P.M. Cloudy, started to snow in evening; about a foot of snow with thick crust, trees mostly ice covered; wind northeast, light; temp., highest 10°, lowest 2°. About 12 miles on foot. American Merganser, 4; American Golden-eye, 11; Starling, 35; Redpoll, 4; Tree Sparrow, 3; Brown Creeper, 2; Chickadee, 9. Total, 7 species, 68 individuals.—EDWARD H. PERKINS.

East Westmoreland, N. H.—Dec. 24; 8.30 A.M. to 2 P.M. Calm early, with rising north-westerly winds; cloudy with intermittent spells of bright sunshine; snow-squall in A.M.; 4 in. of newly fallen snow of the 23d; temp. 26° at start, 28° at return. Approximately 10 miles on foot. Ruffed Grouse, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 6; Pine Grosbeak, 12; Goldfinch, 43; Tree Sparrow, 3; Slate-colored Junco, 4; Brown Creeper, 2; Red-breasted Nuthatch, 2; Black-capped Chickadee, 32; Golden-crowned Kinglet, 8. Total, 12 species, 115 individuals. On Dec. 10, a Holboell's Grebe was observed, and Northern Pileated Woodpecker, Crow, and Starling seen recently during the month.—LEWIS O. SHELLEY.

Hanover, N. H. (in town, along the banks of the Connecticut River, and Moose Mt.).—Dec. 26; 8 to 12 A.M. in town, two observers separately; by river, one observer on foot; 1 to 5 P.M. to Moose Mt., 10 miles by automobile and 4 miles on skis, three observers together. Cloudy; 8 in. of snow, with ½ in. of ice on trees on Moose Mt.; wind, none; temp. 14° at start, 20° at return. Hairy Woodpecker, 3; Downy Woodpecker, 3; Blue Jay, 1; Starling, 35; Evening Grosbeak, 17; Pine Grosbeak, 5; Purple Finch, 29; American Goldfinch, 3; Slate-colored Junco, 6; Northern Shrike, 1; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 10; Black-capped Chickadee, 35. Total, 13 species, 152 individuals. On Dec. 21 40 snowflakes were seen.—E. W. GOODHUE, MRS. N. L. GOODRICH, N. L. GOODRICH, MRS. F. P. LORD, and F. P. LORD.

Wilton, N. H.—Dec. 25; 8.30 A.M. to 12 M., 3 to 4.30 P.M. Sunshine; 3 to 5 in. snow, with ice of considerable thickness on every weed, bush, and tree; no wind; temp. 28° to 34°. Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 3; Starling, 27; Pine Grosbeak, 6; Gold-

finch, 24; Tree Sparrow, 4; Junco, 2; White-breasted Nuthatch, 1; Chickadee, 2; Robin, 10. Total, 11 species, 81 individuals. Within a week, I have seen a Pileated Woodpecker, a Northern Shrike and a flock of 100+ Snow Buntings.—GEORGE G. BLANCHARD.

Bennington, Vt.—Dec. 22; 8.30 to 11 A.M. and 2 to 3.30 P.M. Sky overcast most of the time; at times the sun came out very brightly; $\frac{1}{2}$ in. snow; wind northwest, very strong; temp. 26° at start, 30° on return. About 5 miles on foot. (In the A.M. through the Everett Estate; in the P.M. one mile through the woods and fields.) Observers together. Ring-necked Pheasant, 25; Ruffed Grouse, 2; Red-tailed Hawk, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2; Blue Jay, 2; Crow, 6; Starling, 300+; Pine Grosbeak, 40+; Goldfinch, 11; Tree Sparrow, 5; White-breasted Nuthatch, 5; Chickadee, 4. Total, 13 species, about 405 individuals. Also English Sparrow, 20+; a flock of 20 Canada Geese was seen the day before the census was taken.—DR. and MRS. LUCRETIA H. ROSS, MISS SALOME B. ROSS, MISS ERNA CUMRADT, and HARRY C. RIDLON.

Wells River, Vt. (parts of the Connecticut and Wells River Valleys and the enclosing hills).—Dec. 23; 9.30 A.M. to 3.45 P.M. Cloudy; 3 in. snow; wind northwest, light; temp. 3° below zero at start, 10° above at return. Ten miles on foot. Merganser, 8; Ruffed Grouse, 9; Hairy Woodpecker, 3; Blue Jay, 5; Crow, 2; Starling, 37 (3 flocks); Evening Grosbeak, 5; Pine Grosbeak, 26 (6 flocks); Purple Finch, 8 (2 flocks); White-winged Crossbill, 51 (6 flocks); Redpoll, 31 (4 flocks); Goldfinch, 20 (2 flocks); Pine Siskin, 6; Tree Sparrow, 6; Brown Creeper, 2; Red-breasted Nuthatch, 22; Chickadee, 107 (15 flocks); Golden-crowned Kinglet, 18 (3 flocks). Total, 18 species, 366 individuals. The abundant cone crop may account for the large numbers of Grosbeaks, Crossbills, and Red-breasted Nuthatches. This is the largest bird population that I have ever recorded at this time of year.—WENDELL P. SMITH.

Woodstock and Bridgewater, Vt. Dec. 26; 9.30 A.M. to 12.30 P.M., 2 to 4.30 P.M. Cloudy; 6 in. of soft snow, over 2 inches of frozen snow; trees above 1200 ft. heavily coated with ice; wind southwest, light; temp. 22° at start, 28° on return. Distance covered, 4 miles. Observers together. American Merganser, 4; Canadian Ruffed Grouse, 4; Hairy Woodpecker, 1; Downy Woodpecker, 2; Blue Jay, 4; Evening Grosbeak, 12; Pine Grosbeak, 23; Purple Finch, 11; White-winged Crossbill, 12; Redpoll, 1; Pine Siskin, 5; Snow Bunting, 100 (est.); Tree Sparrow, 2; Junco, 14; Brown Creeper, 2; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 15; Golden-crowned Kinglet, 1; Chickadee, 18. Total, 19 species, 232+ individuals.—RICHARD M. MARBLE and JAMES L. PETERS.

Babson Park, Mass. (Stone Bird Sanctuary, Babson Inst. Campus).—Dec. 23; 7.30 A.M. to 4 P.M. Very light snow falling; later, partly cloudy; temp. 14° at start, 30° at return. The 250 acres of Sanctuary and posted land were carefully covered. Ring-necked Pheasant, 10; Saw-whet Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 3; Blue Jay, 7; Crow, 9; Starling, 60; Purple Finch, 1; Tree Sparrow, 9; Slate-colored Junco, 29; Brown Creeper, 1; White-breasted Nuthatch, 1; Black-capped Chickadee, 53; Golden-crowned Kinglet, 3. Total, 14 species, 178 individuals. English Sparrow, 18. Also 9 Pine Grosbeaks in Sanctuary on the 24th.—LESTER W. SMITH, Superintendent.

Chesterfield, Mass. (altitude 1400 ft.).—Dec. 26; 10 A.M. to 4 P.M. Clear; 4 in. of snow; temp. 22° at start, 28° at return. Seven miles on foot. Ruffed Grouse, 5; Blue Jay, 5; Pine Grosbeak, 6; Goldfinch, 1; Snow Bunting, 16; Red-breasted Nuthatch, 2; Chickadee, 48; Golden-crowned Kinglet, 2. Total, 8 species, about 85 individuals.—RALPH E. DANFORTH.

Cohasset, Mass.—Dec. 25; 9 A.M. to 4 P.M. Clear in A.M., overcast in P.M. Approx. 7 miles. Open uplands, woods, salt marsh, seashore. Holboell's Grebe, 15; Loon, 1; Black-backed Gull, 6; Herring Gull, 200; Ring-billed Gull, 1; Cormorant, 1; Red-breasted Merganser, 40; Black Duck, 2; Golden-eye, 26; Old Squaw, 6; White-winged Scoter, 12; Surf Scoter, 4; Purple Sandpiper, 28; Snowy Owl, 1; Kingfisher, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Northern Flicker, 7; Horned Lark, 10; Blue Jay, 30; Crow, 25; Starling, 500; Meadowlark, 1; Pine Grosbeak, 20; Purple Finch, 25; Goldfinch, 27; White-throated Sparrow, 4; Tree Sparrow, 50; Slate-colored Junco, 25; Song Sparrow, 10; Cedar Waxwing, 12; Myrtle

Warbler, 12; Brown Creeper, 1; Chickadee, 45; Golden-crowned Kinglet, 16; Robin, 40. Total, 36 species, 1200 individuals.—J. EUGENE LAW, WINSOR M. TYLER, JAMES MACKAYE, LAURENCE B. FLETCHER, JOHN G. TYLER, RICHARD T. MAY, and JOHN B. MAY.

Danvers (Essex County), Mass.—Dec. 27; 7 A.M. to 1 P.M. Cloudy, 2 in. of snow and ice; wind southwest, brisk; temp. 40° to 45°. Six miles on foot, 3 in auto. Observers together. Herring Gull, 2 (awing, 3 miles from open water); Black Duck, 1 (ditto); Pheasant, 4; Downy Woodpecker, 3; Northern Flicker, 1; Northern Horned Lark, 33; Blue Jay, 13; Crow, 60+; Starling, 160+; Meadowlark, 4; Pine Grosbeak, 74; Purple Finch, 2; Goldfinch, 360+; Snow Bunting, 200+; Tree Sparrow, 90; Slate-colored Junco, 25; Northern Shrike, 2; Myrtle Warbler, 3; Brown Creeper, 4; Black-capped Chickadee, 25+; Golden-crowned Kinglet, 20. Total, 21 species; about 1086 individuals. Also English Sparrow, 25+.—S. G. EMILIO and C. P. PRESTON.

Essex County, Mass. (southeastern corner, including Lynn, Nahant, Marblehead, Beverly, and parts of Manchester, Danvers, and Topsfield, within the prescribed distance).—Dec. 22. Clear, moderate southwest to northwest winds; ground bare; temp. 24° to 30°. Observers in four parties over carefully planned routes, afield from daylight until dusk. Holboell's Grebe, 1 (very scarce); Horned Grebe, 47; Loon, 5; Red-throated Loon, 1; Black Guillemot, 3; Dovekie, 1; Kittiwake, 50; Black-backed Gull, 13; Herring Gull, 1650; Bonaparte's Gull, 350; Cormorant, 9; Double-crested Cormorant, 1 imm. (well seen at close range by L. G.; light brownish throat and breast, abruptly contrasted with black belly, instantly noticeable, as well as small size); Red-breasted Merganser, 134; Black Duck, 356; Golden-eye, 208; Barrow's Golden-eye, 1 drake plus probable females; Bufflehead, 250; Old Squaw, 14 (scarce); Harlequin Duck, 1 male, not adult (L. G. and others); American Scoter, 1 male; White-winged Scoter, 5 (scarce); Surf Scoter, 1; Night Heron, 2; Wilson's Snipe, 1 (in Hall's Swamp, as usual); Purple Sandpiper, 12; Killdeer, 1 (same place at Marblehead as last year); Ruffed Grouse, 3; Pheasant, 3; Rough-legged Hawk, 1; Hairy Woodpecker, 6; Downy Woodpecker, 6; Flicker, 8; Horned Lark, 70; Blue Jay, 37; Crow, 100+; Starling, 1000+; Meadowlark, 1; Pine Grosbeak, 62 (observed by all parties); Purple Finch, 34; White-winged Crossbill, 5; Redpoll, 1; Goldfinch, 114; Pine Siskin, 3; Tree Sparrow, 126; Junco, 43; Song Sparrow, 7; Northern Shrike, 3; Carolina Wren, 1 (Fay Estate, Lynn; present for two years); Brown Creeper, 8; Red-breasted Nuthatch, 1; Chickadee, 100; Golden-crowned Kinglet, 55. Total, 52 species, 4916 individuals. Severe winter conditions since end of November, in marked contrast to open fall last year. Flock of 10 Evening Grosbeaks at Topsfield feeding-station for past two weeks missed in spite of three visits.—C. E. CLARKE, R. J. EATON, S. GILBERT EMILIO, LUDLOW GRISCOM, LAWRENCE KILHAM, RALPH LAWSON, DR. JOHN B. MAY, C. E. MOULTON, GEORGE PERRY, C. H. PRESTON, C. P. PRESTON, A. P. STUBBS, and ROBERT WALCOTT.

Framingham Center, Mass.—Dec. 22; 7 A.M. to 12 M. Somewhat cloudy; ground largely snow-covered; wind west, moderate; temp. 26° to 33°. Twelve miles on foot. Ruffed Grouse, 3; Ring-necked Pheasant, 1; Hairy Woodpecker, 6; Blue Jay, 18; American Crow, 10; Starling, 20+; Goldfinch, 2; Tree Sparrow, 40+; Brown Creeper, 3; White-breasted Nuthatch, 2; Black-capped Chickadee, 25+; Golden-crowned Kinglet, 12. Total, 12 species, about 140 individuals. Dec. 15, Northern Flicker; Dec. 21, Black Duck; Dec. 25, flock of about 20 Pine Grosbeaks feeding on ash seeds.—J. B. BELKNAP.

Holyoke, Mass. (vicinity of Mt. Tom).—Dec. 25; 7 A.M. to 1.30 P.M. Sky overcast; little or no wind, southwest; 2 to 3 in. snow on ground, crusted; trees and shrubs ice-coated; only large ponds and streams with current partially open; temp. at start 20°, at return 32°. Twelve to 14 miles, partly on foot. Holboell's Grebe, 2; Merganser, 2; Ruffed Grouse, 2; Red-tailed Hawk, 1; Sparrow Hawk, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 5; Crow, 7; Starling, 167; Pine Grosbeak, 118 (8 to 10 flocks); Purple Finch, 1; Redpolls, 150+ (1 flock, southbound); Goldfinch, 22; White-throated Sparrow, 1; Tree Sparrow, 84 (1 flock of over 60); Slate-colored Junco, 11; Northern Shrike, 2; Chickadee, 15; Golden-crowned

Kinglet, 6. Total, 20 species, about 600 individuals. House Sparrow, 53. A Mockingbird and Baltimore Oriole have been noted several times this month in two different sections of town, the former in the same garden as on several preceding winters. The two Grebes have remained in the open water of Ashley Ponds reservoir for nearly a week, affording ample opportunity to study and identify them with a large telescope.—AARON C. BAGG, AARON MOORE BAGG, and ARTHUR B. MITCHELL.

Leominster, Mass. (to Lowell and return).—Dec. 25; 7 A.M. to 5 P.M. Clear; $3\frac{1}{2}$ in. of snow, with crust; no wind; temp. 30° at start, 25° at finish. Ten miles on foot, alone. Herring Gull, 40; Partridge, 1; Hairy Woodpecker, 1; Downy Woodpecker, 3; Starling, 50; Flicker, 2; Blue Jay, 5; Crow, 1; Evening Grosbeak, 5; Purple Finch, 6; Goldfinch, 25; Tree Sparrow, 15; White-breasted Nuthatch, 2; Brown Creeper, 1; Black-capped Chickadee, 4. Total, 15 species, 162 individuals. A flock of 20 Evening Grosbeaks was seen here three or four days ago; a Pileated Woodpecker is making his home here this winter but wasn't observed today.—EDWIN RUSSELL DAVIS.

Princeton, Mass. (Mt. Wachusett and vicinity).—Dec. 26; 8.30 A.M. to 12.30 P.M., and 2 to 5 P.M. Fair; temp. at start 24° , at return 30° ; ground covered with snow and ice and trees bending low with heavy load of ice. Observers generally together, mostly on foot, though automobile used. Ruffed Grouse, 2; Ring-necked Pheasant, 2; Great Horned Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 2; Flicker, 1; Blue Jay, 18; Crow, 14; Starling, 16; Pine Grosbeak, 7; Redpoll, 4; Snowflake, 100+; Tree Sparrow, 15; Junco, 1; Black-capped Chickadee, 23. Total, 15 species, 208 individuals. Also English Sparrow, 13.—MAUDE DOOLITTLE, JULIA ROPER (MRS. WILLIAM), and RAYMOND J. GREGORY.

Wellesley, Mass. (Wellesley College campus and vicinity).—Dec. 26; 9.30 A.M. to 12.15 P.M., 1.30 to 4 P.M. Clear; 1 in. of snow with ice surface; lake frozen; wind southwest, light; temp. 30° at start, 37° at return. About 3 square miles covered. Hawk (sp. ?), 1; Hairy Woodpecker, 2; Downy Woodpecker, 1; Blue Jay, 15; American Crow, 5; Starling, 3; Pine Grosbeak, 4; Purple Finch, 9; Goldfinch, 8; Tree Sparrow, 16; Junco, 4; Song Sparrow, 1; Brown Creeper, 1; White-breasted Nuthatch, 3; Black-capped Chickadee, 24; Golden-crowned Kinglet, 14. Total, 16 species, 111 individuals. Also House Sparrow, 50.—GORDON BOIT WELLMAN.

Georges Bank (south and east of Nantucket, Mass.; long. $70^{\circ}35'$ to $67^{\circ}8'$, S. S. Olympic, eastbound).—Dec. 21; 8 A.M. to 3 P.M. Clear to overcast; strong, following wind; rolling; temp. about 28° . Razor-billed Auk, 1; Dovekie, 88; Kittiwake, 20; Glaucous Gull, 1; Herring Gull, 30; Gannet, 5. Total, 6 species, 145 individuals.—PHILIP A. DUMONT.

Block Island, R. I. (Dickens Point to New Harbor; South Light to North Light; Old Harbor to Centre and South Shore).—Dec. 26; 7.45 A.M. to 3.30 P.M. Clear; ground bare; wind north, light; temp. 34° at start, 38° at return. Twenty-five miles on foot. Observers in five groups. Holboell's Grebe, 35; Horned Grebe, 34; Loon, 13; Red-throated Loon, 1; Kittiwake, 3; Great Black-backed Gull, 3; Herring Gull, 276; Red-breasted Merganser, 147; Black Duck, 8; Bufflehead, 4; American Golden-eye, 2; Old Squaw, 27; American Scoter, 162; White-winged Scoter, 21; Canada Goose, 8; Wilson's Snipe, 1; Killdeer, 1; Ring-necked Pheasant, 11; Marsh Hawk, 2; Saw-whet Owl, 1; Screech Owl, 1; Kingfisher, 1; Flicker, 10; Horned Lark, 66; Prairie Horned Lark (resident), 3; Starling, 283; Red-winged Blackbird, 2; Meadowlark, 261; Grackle, 1; Goldfinch, 1; Snowflake, 11; Tree Sparrow, 14; Slate-colored Junco, 3; Song Sparrow, 19; Myrtle Warbler, 4; Catbird, 1; Robin, 10. Total, 37 species, 1460 individuals.—ELIZABETH DICKENS, STANLEY SPRAGUE, EARL MITCHELL, ROBINSON LEWIS, HAROLD TRIPLER, ALBERT HARVEY, MILTON MITCHELL, HOPE PIERCE, MILDRED SPRAGUE, VIRGINIA MITCHELL, HARRY ROSE, EDWARD CONLEY, WILBOUR GRATTAGE, FRED ROSE, ARTHUR HALE, NICHOLAS BALL, JR., ORLAND ROWLAND, CLAIRE SLATE, and MILDRED GRATTAGE.

Charlestown, R. I. (Kimball Bird Sanctuary and environs).—Dec. 27; 9 A.M. to 4.20 P.M. Cloudy, showers during the day; ground bare; wind northeast; temp. 37° at start, 38° at

return. Six miles on foot. Observers separate. Herring Gull, 7; Black Duck, 350; Bob-white, 12; Ruffed Grouse, 2; Downy Woodpecker, 3; Flicker, 3; Blue Jay, 10; Crow, 3; Tree Sparrow, 49; Junco, 9; Myrtle Warbler, 33; Brown Creeper, 1; White-breasted Nuthatch, 3; Chickadee, 55. Total, 14 species, 540 individuals. The Black Duck "raft" on Watchaug Pond, which borders the Sanctuary to the north. Dec. 22, a flock of surely 70 Bluebirds went over, going toward the south, but did not see one the day we took the census.—EVERETT F. and MARY K. SOUTHWICK.

Providence, R. I. (to Pawtuxet and Gaspee Point).—Dec. 24; 9.30 A.M. to 4.30 P.M. Cloudy; icy crust on ground; wind northwest, fresh; temp. 32° at start, 30° at return. Twelve miles on foot. Herring Gull, 75+; Scaup Duck, 2000+; Pheasant, 1; Downy Woodpecker, 3; Northern Flicker, 1; Horned Lark, 20+; Blue Jay, 4; Crow, 1; Starling, 50+; Goldfinch, 5; Tree Sparrow, 16; Slate-colored Junco, 4; Brown Creeper, 4; Chickadee, 6. Total, 14 species, 2190 individuals.—ALBERT A. BARDEN, JR.

Fairfield, Conn.—Dec. 26; 8 A.M. to 4.30 P.M. Clear, about 1 in. snow; wind southeast, light; temp. 25° at start, 38° at return. Sixteen miles on foot. Observers together. Horned Grebe, 10; Herring Gull, 250; Mallard, 1; Scaup Duck, 15; Golden-eye, 11; Bufflehead, 1; Old Squaw, 23; White-winged Scoter, 69; Surf Scoter, 2; Ring-necked Pheasant, 26; Sparrow Hawk, 1; Downy Woodpecker, 4; Flicker, 3; Blue Jay, 6; Crow, 18; Starling, 133; Meadowlark, 8; Evening Grosbeak, 4; Goldfinch, 27; White-throated Sparrow, 2; Tree Sparrow, 16; Slate-colored Junco, 31; Song Sparrow, 24; Brown Creeper, 3; White-breasted Nuthatch, 3; Chickadee, 25. Total, 26 species, 716 individuals. The absence of the Myrtle Warbler in spite of an abundance of bayberries, is unusual.—JOHN HANCOCK and ARETAS A. SAUNDERS.

New London, Conn. (to Niantic River, Bride Pond, Giant's Neck Beach, and New London Beach).—Dec. 25; 11.30 A.M. to 5 P.M. Clear at first, later cloudy; 2 in. snow; wind west, light; temp. 30° at start, 29° at return. Ten miles and back, partly on foot and partly by auto. Observers together. Horned Grebe, 9; Great Black-backed Gull, 6; Herring Gull, 371; Black Duck, 214; Broadbill, 1; American Golden-eye, 14; Bufflehead, 17; American Scoter, 2; Great Blue Heron, 1; Screech Owl, 1; Horned Lark, 14; Jay, 6; Crow, 17; Tree Sparrow, 6; Junco, 1; Song Sparrow, 2; Chickadee, 5. Total, 17 species, about 687 individuals. Starling and House Sparrows, although many seen, not included.—FRANCES M. GRAVES and CHARLES B. GRAVES.

Oxford, Conn.—Dec. 24; 9 A.M. to 4.20 P.M. Clear; quite windy in morning; 1 in. snow with ice-crust; ice on trees from storm of previous day. Through the back lots of Quaker Farms, to the Housatonic River, and back over Rockhouse Hill. Herring Gull, 70; American Merganser, 3; Ruffed Grouse, 5; Red-tailed Hawk, 1; Hawk (large, unidentified), 1; Kingfisher, 2; Downy Woodpecker, 4; Horned Lark, 15; Blue Jay, 2 (heard); Crow, 26; Pine Grosbeak, 13; Purple Finch, 1 (heard); Goldfinch, 58; Pine Siskin, 1 (heard); Tree Sparrow, 105+; Junco, 17; Myrtle Warbler, 11; Brown Creeper, 4; White-breasted Nuthatch, 2; Chickadee, 37; Golden-crowned Kinglet, 14. Total, 20 species, 402+ individuals. The Mergansers were seen flying over the Housatonic River and were identified by their glistening, nearly white underparts and dark green heads. The Kingfishers were seen skimming the surface of the water, and identified chiefly by their characteristic flight.—ALFRED P. HARGER.

South Windsor, Conn.—Dec. 23; 7.50 to 10.09 A.M. Temp. 16° , 20° at return; trace of snow. Two miles. American Merganser, 50; Black Duck, 10; Golden-eye, 5; Sparrow Hawk, 1; Barn Owl, 1; Long-eared Owl, 1; Short-eared Owl, 1; Blue Jay, 2; Crow, 10; Starling, 20; Tree Sparrow, 100; Song Sparrow, 1; Brown Creeper, 1; Chickadee, 1. Total, 15 species, about 200 individuals.—C. W. VIBERT.

Stamford, Conn.—Dec. 24; all day. Clear; wind west; 2 in. of snow on the ground; temp. 28° to 32° . To Loddin's Rock and God's Point and return; about 10 miles on foot. Horned Grebe, 18; Black-backed Gull, 1; Herring Gull, 200+; Red-breasted Merganser, 12; Mallard, 51; Black Duck, 62; Scaup, 200+; Golden-eye, 5; Bufflehead, 25; Old Squaw, 1; White-winged Scoter, 120; Canada Goose, 60 (feeding on mud flat); Black-crowned Night Heron, 1; Kill-

deer, 4; Pheasant, 3; Red-tailed Hawk, 2; Sparrow Hawk, 2; Screech Owl, 2; Kingfisher, 1; Hairy Woodpecker, 1; Downy Woodpecker, 13; Flicker, 1; Horned Lark, 50; Blue Jay, 20; Crow, 10; Starling, 200+; Meadowlark, 2; Rusty Blackbird, 1; Purple Finch, 5; Goldfinch, 25; Snow Bunting, 10; White-throated Sparrow, 15; Tree Sparrow, 75+; Junco, 50; Song Sparrow, 10; Myrtle Warbler, 25; Pipit, 4; Winter Wren, 2; Brown Creeper, 6; White-breasted Nuthatch, 8; Chickadee, 30; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 1 (my first winter record). Total, 44 species, 1336+ individuals. Also English Sparrow abundant. During the month the following have also been seen: Dec. 1, Fox Sparrow, Robin; Dec. 5, Snowy Owl; Dec. 7, Rough-legged Hawk, Field Sparrow; Dec. 14, Pintail.—DONALD SHIPLEY.

Waterford, Conn. (Millstone Point, Niantic, and back).—Dec. 26; 11 A.M. to 4.30 P.M. Clear; about 2 in. of snow; wind west. About 5 miles along shore in auto and 7 on foot. Observers together. Loon, 2; Herring Gull, 45; Mallard, 12; Surf Scoter, 3; Quail, 23 (2 covies); Pheasant, 3; Red-tailed Hawk, 1; Downy Woodpecker, 1; Flicker, 2; Blue Jay, 4; Crow, 50±; Starling, 300±; Meadowlark, 5; Pine Siskin, 30; Tree Sparrow, 28; Junco, 12; Song Sparrow, 1; Catbird, 1; Brown Creeper, 2; Chickadee, 18; Robin, 4. Total, 21 species, about 547 individuals. Also English Sparrow, 40±. Crow and Starling congregate about New London Piggery. The Catbird was with Robins.—CLAIRE ST. GERMAIN and FREDERICK T. DAVIS.

Bayport, L. I., N. Y. (to Patchogue, Medford, and return).—Dec. 22; 8 A.M. to 4.30 P.M. Overcast; ground bare; wind north; temp. 22° at start, 31° at return. Loon, 2; Kittiwake, 3; Herring Gull, 150; American Scaup Duck, 33; Bob-white, 13; Sharp-shinned Hawk, 1; Downy Woodpecker, 7; Flicker, 3; Horned Lark, 16; Blue Jay, 9; Crow, 18; Starling, 125; Meadowlark, 14; Rusty Blackbird, 6; Purple (?) Grackle, 15; Goldfinch, 12; Tree Sparrow, 40; Junco, 92; Song Sparrow, 25; Swamp Sparrow, 3; Northern Shrike, 1; Myrtle Warbler, 22; Carolina Wren, 1; Brown Creeper, 11; White-breasted Nuthatch, 1; Chickadee, 24; Golden-crowned Kinglet, 38; Robin, 5. Total, 28 species, 678 individuals.—MAYNARD A. NICHOLS.

Long Beach, L. I., N. Y.—Dec. 25; 11 A.M. to 5 P.M. Cloudy, but good visibility; slight west wind; temp. about 30°. From Long Beach railroad to Point Lookout and return. Observers together. Horned Grebe, 3; Loon, 5; Red-throated Loon, 1 (cripple); Glaucous Gull, 1; Great Black-backed Gull, 3; Herring Gull, 2500+; Old Squaw, 43; White-winged Scoter, 20; Surf Scoter, 4 (Scoters 200+); Black-crowned Night Heron, 1 (cripple; imm.); Horned Lark, 6; Starling, 20; Meadowlark, 1; Ipswich Sparrow, 2; Tree Sparrow, 22; Song Sparrow, 2; Myrtle Warbler, 5. Total, 17 species, about 3000 individuals.—CHARLES and JULIUS STALOFF.

Montauk, L. I., N. Y.—Dec. 26; 7.30 A.M. to 1.30 P.M. Clear; ground bare; wind moderate, north; temp. 28° to 40°. Holboell's Grebe, 2; Horned Grebe, 4; Loon, 82; Black-backed Gull, 11; Herring Gull, 2000; Ring-billed Gull, 2; Bonaparte's Gull, 8; Red-breasted Merganser, 15; Redhead, 18; Canvasback, 50; Scaup, 10; Golden-eye, 85; Old Squaw, 500; American Scoter, 100; White-winged Scoter, 5000; Surf Scoter, 500; Mute Swan, 4; Coot, 1; Marsh Hawk, 4; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Sparrow Hawk, 3; Flicker, 1; Horned Lark, 6; Blue Jay, 15; Crow, 16; Starling, 300; Meadowlark, 7; Grackle, 1; Goldfinch, 2; Snow Bunting, 38; Tree Sparrow, 7; Song Sparrow, 6; Northern Shrike, 2; Myrtle Warbler, 90; Red-breasted Nuthatch, 2; Chickadee, 9; Robin, 2; Bluebird, 11. Total, 39 species, 8916 individuals.—LEROY WILCOX.

Nassau Co., L. I., N. Y. (Long Beach, Westbury to Jones Beach, and Garden City).—Dec. 23. Northeast storm, with snow, sleet, and rain; temp. in morning about 25°. Three parties, Long Beach, R. K.; Westbury, J. E., C. L., J. F. M., and R. T. P.; Garden City (2 hours), J. T. N. Red-throated Loon, 1; Black-backed Gull, 3; Herring Gull, 602; Ring-billed Gull, 1; Red-breasted Merganser, 42; Mallard, 5; Black Duck, 750; Scaup, 2; Old Squaw, 6; White-winged Scoter, 4; Killdeer, 1; Marsh Hawk, 1; Duck Hawk, 1 (J. T. N.); Sparrow Hawk, 1; Downy Woodpecker, 1; Horned Lark, 355; Blue Jay, 3; American Crow, 62; Fish Crow, 2; Starling, 650; Meadowlark, 20; Goldfinch, 6; Snow Bunting, 32; Ipswich Sparrow, 3;

White-throated Sparrow, 7; Tree Sparrow, 3; Junco, 40; Song Sparrow, 3; Myrtle Warbler, 13; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; Black-capped Chickadee, 18; Golden-crowned Kinglet, 4; Robin, 3. Total, 34 species, 2647 individuals. Also House Sparrow, 75. The Duck Hawk seemed too heavy bodied and was too large and with too powerful a flight for Sparrow or Pigeon Hawk. Dec. 22, Garden City, Screech Owl, Northern Shrike, and 2 Brown Creepers.—JOHN EMORY, RICHARD KUERZI, CHARLES LAWSON, J. F. MATUSZEWSKI, J. T. NICHOLS, and ROGER T. PETERSON.

Smithtown Br., L. I., N. Y.—Dec. 27; 8 A.M. to 3 P.M. Cloudy; no wind; temp. 37° at start, 42° at return. Four miles on foot and 15 in auto. Observers together. Horned Grebe, 2; Great Black-backed Gull, 2; Herring Gull, 75; Ring-billed Gull, 5; Red-breasted Merganser, 5; Golden-eye, 12; White-winged Scoter, 1000; Bob-white, 14; Hairy Woodpecker, 3; Downy Woodpecker, 2; Blue Jay, 14; Crow, 48; Starling, 17; Goldfinch, 3; Tree Sparrow, 15; Song Sparrow, 3; Northern Shrike, 1; Myrtle Warbler, 30; Chickadee, 18. Total, 19 species, 1267 individuals. Also English Sparrow.—LORING W. TURRELL and JOHN TOMPKINS.

Watermill to Amagansett, L. I., N. Y.—Dec. 21; 6.15 A.M. to 5.30 P.M. Clear; violent west wind; temp. about 15° at start, maximum about 25°. Mecox Bay, Bridgehampton, Sag Pond, ocean beach at several points; Georgica and Hook Ponds, at Easthampton; woods near Amagansett; Gardiner's Bay (southwest coast) at Acabonack, Hog Creek, Sammie's Beach; 3-Mile Harbor, and part of Northwest Woods. Holboell's Grebe, 3; Horned Grebe, 19; Loon, 23; Great Black-backed Gull, 14; Herring Gull, circ. 650; Ring-billed Gull, 92; Bonaparte's Gull, 1; Gannet, 3; Double-crested Cormorant, 2 (together); American Merganser, 9; Red-breasted Merganser, 12; Hooded Merganser, 2; Black Duck, 2; Baldpate, 4; Redhead, 2 (males, with Scaups); Scaup, 180 (flock; probably Greater); Lesser Scaup, 2; American Golden-eye, 46; Bufflehead, 65 (all but one in 3-Mile Harbor); Old Squaw, circ. 200; American Scoter, 45; Surf Scoter, circ. 400; White-winged Scoter, circ. 600; Ruddy Duck, 2; Brant, 3; (together); Mute Swan, 20; Black-crowned Night Heron, 2; American Coot, 5 (together); Knot, 1; Sanderling, 3; Killdeer, 1; Bob-white, 8 (covey); Ruffed Grouse, 1; Pheasant, 1; Mourning Dove, 1; Marsh Hawk, 2; Sharp-shinned Hawk, 1; Hawk (Accipiter ?), 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Short-eared Owl, 2; Screech Owl, 1; Great Horned Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2; Flicker, 1; Horned Lark, 136; Crow, 247 (all but 47 in one huge flock); Starling, circ. 50; Meadowlark, 26; Goldfinch, 2; Snow Bunting, 4; Ipswich Sparrow, 2; Savannah Sparrow, 5; Sharp-tailed Sparrow, 1; White-throated Sparrow, 4; Tree Sparrow, 18; Field Sparrow, 1; Slate-colored Junco, 47; Song Sparrow, 8; unidentified Sparrows, 6; Northern Shrike, 6; Pine Warbler, 1; Myrtle Warbler, 22; Mockingbird, 1; Long-billed Marsh Wren, 1; Brown Creeper, 2; Black-capped Chickadee, 22; Golden-crowned Kinglet, 4; American Robin, 1; Bluebird, 1. Total, 69 species, about 2056 individuals. Also English Sparrow, circ. 50. The Lesser Scaups flew into a rig of decoys, and one was killed; the Knot was seen at about 10-yards range, through 8X Zeiss glasses, in good light, etc., with the Sanderling at Mecox Bay; the Pine Warbler was found in its summer breeding haunts and was singing! A singing Pine Warbler seen in this same spot on November 9; the Mockingbird was seen about half a mile from the spot where it appeared in September, and remained until November 9. On Dec. 20, Iceland Gull, 1; Canada Goose, 15.—WM. T. HELMUTH, 3D.

Auburn, N. Y. (Owasco Lake, Owasco River, and adjacent uplands).—Dec. 27; 7 A.M. to 2 P.M. Clear; 1 ft. snow; temp. 40° to 48°. Fifteen miles. Holboell's Grebe, 4; Loon, 2; Herring Gull, 51; American Merganser, 7; Black Duck, 32; American Golden-eye, 22; Pheasant, 15 (fully half had lost tails in recent ice-glaze); Marsh Hawk, 1; Barred Owl, 1; Downy Woodpecker, 3; Crow, 43; Starling, 36; Red-winged Blackbird, 2 (males); Goldfinch, 1; Tree Sparrow, 52; Song Sparrow, 3; Winter Wren, 1; White-breasted Nuthatch, 2; Chickadee, 19. Total, 19 species, 299 individuals.—EDWARD P. ST. JOHN.

Buffalo, N. Y. (to Bear Swamp at Amherst, Grand Island, and along the Niagara River).—Dec. 22; 8 A.M. to 4.30 P.M. Cloudy at start, temp. 20°; clear at return, temp. 26°; 7 in. snow; wind light, northwest to northeast. Trees, shrubbery, and weeds encased in ice. Ten miles on

foot, 60 miles by machine. Observers in three parties. Horned Grebe, 1; Herring Gull, 2000; Ring-billed Gull, 397; Bonaparte's Gull, 27; American Merganser, 202; Red-breasted Merganser, 33; Mallard, 20; Black Duck, 205; Pintail, 1; Redhead, 12; Canvasback, 28; Lesser Scaup Duck, 360; American Golden-eye, 627; Bufflehead, 4; Old Squaw, 881; Ring-necked Pheasant, 90; Cooper's Hawk, 1; Red-shouldered Hawk, 1; Bald Eagle, 1; Sparrow Hawk, 1; Snowy Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 3; Blue Jay, 1; Crow, 218; Starling, 120; Goldfinch, 1; Tree Sparrow, 7; Brown Creeper, 3; White-breasted Nuthatch, 4; Chickadee, 20. Total, 31 species, 5271 individuals. Also English Sparrow, 43.—JAMES SAVAGE, THOMAS L. BOURNE, H. D. MITCHELL, C. S. BEARDSLEE, JOHN SCHMAHL, ALBERT WANDER, and JOHN W. ALDRICH (Buffalo Ornithological Club).

Cold Spring (Putnam Co.) to Montrose, N. Y. (up by Railroad, hike down to Manitou, 9 miles).—Dec. 26; 7.45 A.M. to 3.45 P.M. Hazy, 3 in. snow; light west wind; temp. 30° to 35°. Herring Gull, 32; American Merganser, 50; Mallard, 6; Black Duck, 34; Pintail, 1 (later taken by hunter); Golden-eye, 5; Scoter (sp. ?), 1; unidentified Ducks, 500; Pheasant, 1; Hawk (sp. ?), 1; Hairy Woodpecker, 2; Downy Woodpecker, 10; Blue Jay, 9; Crow, 69; Starling, 53; Pine Grosbeak, 38; Purple Finch, 7; Goldfinch, 28; Whitethroat, 1; Tree Sparrow, 130; Song Sparrow, 19; Swamp Sparrow, 1; Junco, 36; Winter Wren, 1; Brown Creeper, 7; White-breasted Nuthatch, 8; Chickadee, 35; Golden-crowned Kinglet, 10. Total, 27 species, 1095 individuals. Also House Sparrow, 28. Pine Grosbeaks, 4 north of Cold Spring, 31 at Indian Brook, 1 a mile south, and 2 near Garrison.—L. N. and E. G. NICHOLS and DR. W. EAMES.

Greene (Chenango Co.) N. Y. (Ensign's Pond, Geneganslet Creek, Chenango River, and adjoining swamps, fields, and woods).—Dec. 26; 8.30 A.M. to 5.45 P.M. Cloudy, no wind; temp. 32° to 35°. A foot of snow on ground; ponds and streams frozen. Ten miles on foot. Observers together. Herring Gull, 3; Ruffed Grouse, 3; Hungarian Partridge, 6; Ring-necked Pheasant, 11; Sparrow Hawk, 1; Barred Owl, 1; Screech Owl, 1; Great Horned Owl, 3; Hairy Woodpecker, 1; Downy Woodpecker, 3; Flicker, 1; Horned Lark, 5; Blue Jay, 8; Crow, 16; Starling, 50; Red-winged Blackbird, 5; Meadowlark, 5; Pine Grosbeak, 2; Redpoll, 75; Snow Bunting, 64; Tree Sparrow, 20; White-breasted Nuthatch, 5; Black-capped Chickadee, 32; Golden-crowned Kinglet, 30. Total, 24 species, 351 individuals. Also English Sparrow, 23.—WILLIAM and ARTHUR BARTLETT and JOSEPH SAUTER.

Helmuth, N. Y.—Dec. 22; 9.30 A.M. to 12.30 P.M. on foot, radius of about 5 miles; and 1.45 to 3 P.M., 2 miles; temp. 26° on starting out and returning; in P.M. slightly thawing; there was mostly sunshine but light fall of snow (3 in.); no wind at any time. Hospital grounds Cattaraugus Indian Reservation. Ruffed Grouse (tracks); Sharp-shinned Hawk, 1; Sparrow Hawk, 1; Downy Woodpecker, 6; Prairie Horned Lark, 8; Blue Jay, 6; Crow, 8; Starling, 100 (hundreds around pig-pens, etc.; not many seen this day); American Goldfinch, 1; Tree Sparrow, 50; Slate-colored Junco, 15; Cardinal, 4 (3 males); White-breasted Nuthatch, 2; Chickadee, 15. Total, 12 species, 219 individuals. Also English Sparrow, 75. Cardinals all feeding at once on corn hanging outside an Indian house where they have fed since last fall. Others are reported in different parts of Collins and Gowanda. During the month the Barred Owl has been heard in the woods on the hospital grounds, and there have been seen about 9 Robins, 1 on Dec. 10 on the hospital lawn; 8 or 9 in Gowanda from Dec. 15; Hairy Woodpecker, 1; Shrike, 1; Golden-crowned Kinglet, 1. A Marsh Hawk, Dec. 29.—ANNE E. PERKINS, M.D.

Jamestown, N. Y. (woodlands to north of city and outlet of lake).—Dec. 22; dawn to dark. Light snowfall; ground ice-covered; 2 in. snow; calm; temp. 16° to 24°. Chautauqua Lake covered with ice for nearly month. Observers separate in afternoon. Herring Gull, 2; American Merganser, 35; Golden-eye, 2; Ruffed Grouse, 2; Pheasant, 3 (tail of one heavily sheathed in ice); Sharp-shinned Hawk, 1; Screech Owl, 1; Northern Pileated Woodpecker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 5; Prairie Horned Lark, 4; Blue Jay, 1; Crow, 3; Starling, 300+; Snow Bunting, 20; Tree Sparrow, 12; Slate-colored Junco, 1; Brown Creeper,

4; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 2; Chickadee, 60. Total, 22 species, 487 individuals. Also House Sparrow, 15. Holboell's Grebe at Dunkirk, Dec. 14.—CLARENCE M. BEAL and RICHMOND ADAMS.

Rensselaer, N. Y. (within 2 miles east and south of city).—Dec. 23; 7.30 to 11 A.M., 3 to 4.45 P.M. Cloudy in A.M., heavy snow in P.M.; ground ice-covered; wind north, light; temp. 8° to 16°. About 9 miles on foot, 5 by car. Observers together. Herring Gull, 1; American Merganser, 3; Downy Woodpecker, 1; Horned Lark, 10; Blue Jay, 3; American Crow, 375; Starling, 268; Evening Grosbeak (brief view by E. G. N.), 12; Pine Grosbeak (studied by three of us at leisure), 5 (of which 2 were males); Purple Finch, 10; Redpoll, 18; Goldfinch, 6; Tree Sparrow, 27; Chickadee, 9. Total, 14 species, 748 individuals. Also House Sparrow, 90. Dec. 22, by MacAvoy, Screech Owl, Junco, White-breasted Nuthatch.—GUY BARTLETT and EDWARD G. NICHOLS; and for part of day, CHARLES COLLINS, MR. and MRS. E. A. MACAVOY, and JACK MACAVOY.

Rhinebeck, N. Y. (radius of 100 yards from bird-banding station).—Dec. 24; 6.30 A.M. to 4.30 P.M. (with one hour out for breakfast and another for lunch). Overcast, later clearing; 4 in. snow; wind northwest, light; temp. 25° at start, 31° at end. Red-tailed Hawk, 1; Barred Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2+; Blue Jay, 6+; Crow, 3; Starling, 40+; Pine Grosbeak, 28+; Purple Finch, 3+; White-winged Crossbill, 10; Goldfinch, 1; Tree Sparrow, 1; Junco, 15+; Brown Creeper, 2; White-breasted Nuthatch, 4; Chickadee, 6; Golden-crowned Kinglet, 2. Total, 17 species, 126+ individuals. Also House Sparrow, 10+. As different flocks were coming and going all day, I have probably much underestimated the number of individuals. The Grosbeaks were present from 11 A.M. till night, and were the most conspicuous. Dec. 25, Snow Bunting, 2.—MAUNSELL S. CROSBY.

Rochester, N. Y. (South Park, Highland Park, and Irondequoit Creek Marsh).—Dec. 22; 9 A.M. to 4 P.M. Cloudy in A.M. with snow-flurries, partly clear in P.M.; 1 in. snow on top of 1 in. crust; wind north, brisk to light in P.M.; temp. 26° at start, 24° at return; all vegetation coated with ice. Four miles on foot. Herring Gull, 20; Ring-necked Pheasant, 16; Downy Woodpecker, 3; Blue Jay, 1; Crow, 10; Starling, 50; Snow Bunting, 50; Slate-colored Junco, 3; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 1; Chickadee, 20; Robin, 2. Total, 12 species, 180 individuals.—O. F. SCHAEFER.

Rochester, N. Y.—Dec. 23; 7.30 A.M. to 4 P.M. Light snow falling all day; slight wind; temp. just below freezing. Observers together. Horned Grebe, 1; Herring Gull, 50 (no Ring-billed Gulls absolutely identified though former census seems to indicate their presence in varying abundance); Mallard, 25; Black Duck, 400; American Widgeon, 2; Scaup, 1; Golden-eye, 2; Florida Gallinule, 1 (identified by C. Barg, G. E. Phillips, and H. Miller, at a distance of about 50 feet with 8X glasses; all marks noted. Seen at an open spring on the edge of Irondequoit Bay); Pheasant, 70; Sparrow Hawk, 2; Downy Woodpecker, 2; Blue Jay, 2; Crow, 20; Starling, 48; Tree Sparrow, 8; Slate-colored Junco, 4; Song Sparrow, 1; Chickadee, 22; Red-breasted Nuthatch, 1; White-breasted Nuthatch, 1; Robin, 2. Total, 21 species, 663 individuals.—ELMER S. PHILLIPS, GEORGE EARL PHILLIPS, CLARENCE BARG, CARSON JARVIS, and HOWARD MILLER.

Rochester, N. Y. (Highland Park and vicinity, Port of Rochester to Irondequoit Bay).—Dec. 22; 8 A.M. to 4 P.M. Wind northeast, 12 miles per hour; temp. 18° to 25°; light snow to fair, about 2 in. snow on ground and trees, and shrubs weighted down with a covering of ice from ¼ to 1 inch thick from a storm on Dec. 17. Transportation by auto with trips on foot into likely bird-areas. Area covered approximately 5 by 10 miles. Observers not together. Horned Grebe, 1; Herring Gull, 850 (est.); Ring-billed Gull, 50 (est.); American Merganser, 2; Black Duck, 100 (est.); Scaup Duck, 28; Golden-eye, 2; Pheasant, 42; Red tailed Hawk, 1; American Rough-legged Hawk, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Crow, 4; Starling, 29; Snow Bunting, 100 (est.); Tree Sparrow, 10; Slate-colored Junco, 4; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 1; Black-capped Chickadee, 25;

Robin, 1. Total, 21 species, 1260 individuals.—WM. L. G. EDSON, R. E. HORSEY, and JOSEPHINE Z. EDSON.

Schenectady, N. Y. (Watervliet Reservoir, Schermerhorn Road, and Mohawk River).—Dec. 22; 8.30 A.M. to 1.30 P.M. Cloudy at start, snow falling; wind light, west; temp. 26°; partly clear at return; wind strong, west; temp. 30°; about an inch crust of ice on ground and, in some places, on trees. Seven miles on foot. Herring Gull, 2; Ring-necked Pheasant, 3; Red-shouldered Hawk, 3; Downy Woodpecker, 1; Crow, 27; Starling, 129; White-breasted Nuthatch, 2; Black-capped Chickadee, 7. Total, 8 species, 174 individuals. Also English Sparrow, 17.—B. S. HAVENS.

Syracuse, N. Y.—Dec. 27; 8.30 A.M. to 5 P.M. Clear at the start; cloudy at the finish; no wind; temp. 34°. Onondaga, Mud, Green, and Round Lakes. Morningside Cemetery, The Ram, and Whiskey Hollow. Three parties working in separate sections. Horned Grebe, 2; Pied-billed Grebe, 1; Herring Gull, 365; Ring-billed Gull, 3; American Merganser, 6; Mallard, 30; Black Duck, 130; Golden-eye, 6; Hungarian Partridge, 1; Ruffed Grouse, 4; Pheasant, 87; Red-tailed Hawk, 1; Short-eared Owl, 1; Screech Owl, 1; Great Horned Owl, 1; Hairy Woodpecker, 4; Downy Woodpecker, 6; Blue Jay, 4; Crow, 281; Starling, 791; Pine Grosbeak, 5; Redpoll, 9; Goldfinch, 17; Snow Bunting, 174; Tree Sparrow, 55; Song Sparrow, 2; Brown Creeper, 2; White-breasted Nuthatch, 16; Chickadee, 82; Robin, 2. Total, 30 species, 2089 individuals. Also, Dec. 29, Cooper's Hawk.—DONALD VAN ESELTINE, STANLEY C. CHURCH, GEORGE D. RUBY, and JOHN F. BARRY, JR. (Syracuse Bird Club).

Ardley (Westchester Co.), N. Y.—Dec. 26; 7.45 A.M. to dark (lunch 1.15 to 2 P.M.). Cloudy; 1½ in. of crusted snow; wind southwest, light; temp. 17° at start, 31° at return. Distance, 12¾ miles on foot. Pheasant, 4; Downy Woodpecker, 6; Blue Jay, 13; Crow, 8; Starling, 47; Evening Grosbeak, 16; Pine Grosbeak, 13; Goldfinch, 32; Tree Sparrow, 139; Field Sparrow, 1; Junco, 21; Song Sparrow, 2; Winter Wren, 1; Brown Creeper, 3; White-breasted Nuthatch, 6; Chickadee, 24. Total, 16 species, 336 individuals. Also English Sparrow, 27. The Pine and Evening Grosbeaks were feeding in some tall cedars at heights of 20 to 40 feet. They were very tame and did not become nervous until the observer was within 10 feet of them. The Pine Grosbeaks were especially tame. Their rose-red heads and breasts were well seen. The Evening Grosbeaks were easily compared with them in size, color, notes, etc.—ALLAN PHILLIPS.

Bronx Region, N. Y. (Croton Point and Tod's Neck south to Inwood and Pelham Bay Park).—Dec. 22; daylight to dark. Moderate northwest wind; fairly clear; temp. 12° to 37°. Observers in four parties, three on foot, the other using a car. Holboell's Grebe, 3; Horned Grebe, 31; Pied-billed Grebe, 1; Common Loon, 2; Red-throated Loon, 5; Great Black-backed Gull, 6; Herring Gull, 6000 (est.); Ring-billed Gull, 7; Bonaparte's Gull, 5; American Merganser, 335; Red-breasted Merganser, 107; Hooded Merganser, 8; Mallard, 2; Black Duck and Red-legged Black Duck, 1050 (mostly the latter); Baldpate, 6; Green-winged Teal, 5; Shoveller, 1; Pintail, 2; Canvasback, 156; Greater Scaup, 10,750 (est.); Golden-eye, 575 (est.); Bufflehead, 6; Old Squaw, 10; King Eider, 1 (in the exact place as in 1928); American Scoter, 1; White-winged Scoter, 600 (est.); Surf Scoter, 1; Canada Goose, 75; Mute Swan, 4; Black-crowned Night Heron, 150 (est.); Killdeer, 16; Bob-white, 4; Ruffed Grouse, 1; Pheasant, 25; Mourning Dove, 3; Marsh Hawk, 3; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 5; Red-shouldered Hawk, 6; Bald Eagle, 1; Duck Hawk, 1; Sparrow Hawk, 4; Barn Owl, 1; Long-eared Owl, 2; Short-eared Owl, 1; Barred Owl, 2; Saw-whet Owl, 1; Screech Owl, 3; Great Horned Owl, 1; Belted Kingfisher, 3; Hairy Woodpecker, 14; Downy Woodpecker, 37; Yellow-bellied Sapsucker, 1; Northern Flicker, 6; Horned Lark, 8; Blue Jay, 60; American Crow, 90; Fish Crow, 1; Starling, 1250 (est.); Cowbird, 72 (flock); Red-winged Blackbird, 12; Meadowlark, 12; Bronzed Grackle, 1; Pine Grosbeak, 2 (separate individuals in different localities); Purple Finch, 8; Goldfinch, 160; Snow Bunting, 17; Savannah Sparrow, 1; White-throated Sparrow, 72; Tree Sparrow, 325 (est.); Field Sparrow, 10; Junco, 185; Song Sparrow, 80; Swamp Sparrow, 6; Fox Sparrow, 23; Cardinal, 1; Northern Shrike, 2;

Myrtle Warbler, 40; Pipit, 12; Brown Thrasher, 1; Carolina Wren, 1; Winter Wren, 6; Brown Creeper, 23; White-breasted Nuthatch, 29; Tufted Titmouse, 1; Chickadee, 105; Golden-crowned Kinglet, 17; Hermit Thrush, 1; Robin, 14; Bluebird, 11. Total, 93 species, approximately 16,536 individuals. Also House Sparrow, 235 (est.). Maximum one-party list, 63 species. Ruddy Duck, Wilson's Snipe, Rusty Blackbird and Red-breasted Nuthatch have been seen recently.—A. D. CRUICKSHANK, R. J. HERBERT, J. J. HICKEY, I. KASSOV, P. KESSLER, J. and R. KUEZZI, J. F. MATUSZEWSKI, V. MULLER, and R. T. PETERSON (The Bronx County Bird Club).

Brooklyn, N. Y. (Owl's Head Park, Shore Road, Dyker Heights Park, Coney Island, and Prospect Park).—Dec. 22; 8.30 A.M. to 4.30 P.M. Mostly overcast; ground bare; marshes and pools frozen; wind northwest, brisk at start, light at end; temp. 25° to 35°. Trolley used between Dyker and Coney Island, subway between Sheepshead Bay and Prospect Park, rest of trip on foot. Herring Gull, 600 (est.); Ring-billed Gull, 2; Bonaparte's Gull, 25; Red-breasted Merganser, 2; Red-shouldered Hawk, 1; Sparrow Hawk, 2; Starling, 160; Rusty Blackbird, 1. Total, 8 species, about 900 individuals. Most of the Herring and all of the other Gulls were at the mouth of a sewer entering into New York Bay.—GEORGE E. HIX.

Central Park, N. Y., N. Y. (72d to 110th St.).—Dec. 24; 8.45 to 10.45 A.M. Clear; snow on ground; wind west; temp. 33° at start, 37° at end. Herring Gull, 25; Downy Woodpecker, 4; Starling, about 20; Tree Sparrow, 1; Song Sparrow, 2; White-breasted Nuthatch, 1. Total, 6 species, about 53 individuals.—WALTER SEDWITZ.

Riverdale and vicinity, New York City (Riverdale, Jerome Reservoir, Bronx, and Van Cortlandt Parks).—Dec. 23; 8 A.M. to 4.30 P.M. Snow falling most of time, 2 in. deep at 4.30; wind varying, northerly; temp. 24° at start, about 26° at return. Observers separate and in group. Horned Grebe, 1; Herring Gull, 145; Red-breasted (?) Merganser, 6; Black Duck, 9; Pheasant, 2; Cooper's Hawk, 1; Sparrow Hawk, 1; Downy Woodpecker, 6; Blue Jay, 1; Crow, 14; Starling, 150; Grackle, 1; White-throated Sparrow, 6; Tree Sparrow, 37; Junco, 43; Song Sparrow, 41; Swamp Sparrow, 3; Fox Sparrow, 1; Brown Creeper, 1; White-breasted Nuthatch, 3; Chickadee, 26. Total, 21 species, about 500 individuals. Also English Sparrow, 57. The Horned Grebe was watched with 8X glasses by three observers, at extremely close range. The observer (A. P.) of the Cooper's Hawk states that it flew three times from perches 40 to 75 feet distant. Size (same as Crow) and blue back noted.—ALLAN PHILLIPS, EGBERT and TIMOTHY PFEIFFER, and BIRDSEY RENSHAW.

Staten Island, N. Y. (Bull's Head to Richmond; New Dorp to Eltingville; Pleasant Plains to Richmond Valley).—Dec. 22; 6.45 A.M. to 5.45 P.M. Clear, becoming hazy P.M.; ground bare, frozen; wind light, northwest; temp. about 25° at start, rising. Approximately 10 miles on foot. Observers mostly together. Loon, 2; Great Black-backed Gull, 6; Herring Gull, 1260; Bonaparte's Gull, 150; Black Duck, 5; Greater Scaup Duck, 3; American Golden-eye, 15; Old Squaw, 3; Killdeer, 1; Ring-necked Pheasant, 2; Marsh Hawk, 2; Red-shouldered Hawk, 1; Sparrow Hawk, 2; Long-eared Owl, 2; Screech Owl, 2; Downy Woodpecker, 5; Northern Flicker, 1; Blue Jay, 3; Crow, 24; Starling, 468; Cowbird, 1; Meadowlark, 52; Goldfinch, 5; Savannah Sparrow, 1; Tree Sparrow, 105; Slate-colored Junco, 42; Song Sparrow, 36; Swamp Sparrow, 3; Fox Sparrow, 2; Cardinal, 2; Brown Creeper, 1; White-breasted Nuthatch, 2; Tufted Titmouse, 2; Chickadee, 2; Robin, 2. Total, 35 species, about 2215 individuals. At New Dorp, 6 to 8 House Sparrows were noted.—DR. JAMES P. CHAPIN, HAROLD K. DECKER, CAROL STRYKER, HOWARD H. CLEAVES.

Bernardsville, N. J. (Between Bernardsville and Far Hills).—Dec. 26; 8 A.M. to 12.30 P.M. and 2.15 to 4.30 P.M. Fair, 2 in. snow; wind west, light; temp. 28° at start, 32° at return. Distance, 9¼ miles on foot. Mallard, 4; Black Duck, 300; Ruffed Grouse, 1; Ring-necked Pheasant, 10; Marsh Hawk, 1; Red-tailed Hawk, 1; Belted Kingfisher, 1; Hairy Woodpecker, 3; Downy Woodpecker, 5; Horned Lark, 14; Blue Jay, 4; American Crow, 12; Starling, 10; Pine Grosbeak, 14; Purple Finch, 1; Goldfinch, 20; White-throated Sparrow, 1; Tree Sparrow,

100; Junco, 40; Cardinal, 3; White-breasted Nuthatch, 1; Black-capped Chickadee, 10; Golden-crowned Kinglet, 6; Robin, 1. Total, 24 species, about 563 individuals. Also House Sparrow, 14. A flock of 5 Pine Grosbeaks (2 males, 2 females, and an immature) seen in the morning; and in the afternoon, another flock of 9 individuals, all females and immature birds. I studied several of the birds within 2½ feet.—CYNTHIA KUSER.

Boonton, N. J. (Boonton Reservoir and Whippany River Marshes).—Dec. 22; 7 A.M. to 4.30 P.M. Clear; ground bare; marshes frozen but river and reservoir open; light wind; temp. 22° to 26°. Observers together. Horned Grebe, 3; Herring Gull, 3; American Merganser, 20; Mallard, 27; Black Duck, 130; Green-winged Teal, 4; Pintail, 1; Greater Scaup, 6; Golden-eye, 3; Ruddy Duck, 6; Great Blue Heron, 1; Pheasant, 3; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Sparrow Hawk, 1; Hairy Woodpecker, 1; Downy Woodpecker, 6; Northern Flicker, 3; Blue Jay, 3; American Crow, 500; Starling, 50; Red-winged Blackbird, 1; Goldfinch, 3; Snow Bunting, 150; White-throated Sparrow, 1; Tree Sparrow, 150; Slate-colored Junco, 15; Song Sparrow, 30; Swamp Sparrow, 2; Northern Shrike, 1; Winter Wren, 5; Brown Creeper, 6; White-breasted Nuthatch, 2; Tufted Titmouse, 12; Black-capped Chickadee, 8; Carolina Chickadee, 1; Golden-crowned Kinglet, 1. Total, 38 species, 1166 individuals. Also House Sparrow, 25. (Carolina Chickadee associating with Black-capped Chickadees, under observation for some time.) Dec. 21, Loon, 1; Red-headed Woodpecker, 1; Robin, 1 (Carter). Dec. 23, Bufflehead, 1 (Claussen).—JULIUS M. JOHNSON, CHARLES K. NICHOLS, and LESTER L. WALSH.

Cape May County, N. J. (at no time more than 7½ miles from Rio Grande).—Dec. 22; 7.45 A.M. to 4.15 P.M. Overcast, wind north; temp. 22°. Fresh-water ponds frozen. Observers in five groups; three groups in cars; others on foot. Horned Grebe, 12; Loon, 10; Red-throated Loon, 7; Kittiwake, 1 (imm.); Great Black-backed Gull, 6; Herring Gull, 260; Ring-billed Gull, 29; Bonaparte's Gull, 36; Red-breasted Merganser, 3; Black Duck, 1250; Scaup (sp. ?), 1; Golden-eye, 25; Bufflehead, 11; Old Squaw, 37; White-winged Scoter, 10,000; Surf Scoter, 44; Brant, 2; Great Blue Heron, 2; Purple Sandpiper, 9; Red-backed Sandpiper, 300; Sanderling, 25; Killdeer, 2; Mourning Dove, 3; Turkey Vulture, 250; Marsh Hawk, 9; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-shouldered Hawk, 4; Sparrow Hawk, 7; Short-eared Owl, 5; Hairy Woodpecker, 2; Downy Woodpecker, 10; Flicker, 7; Horned Lark, 145; Blue Jay, 9; Crow, 1300; Fish Crow, 4; Starling, 1250; Cowbird, 23; Red-winged Blackbird, 57; Meadowlark, 250; Purple (?) Grackle, 500; Purple Finch, 1; Goldfinch, 115; Snow Bunting, 3; Ipswich Sparrow, 14; Savannah Sparrow, 4; Sharp-tailed Sparrow, 2; Seaside Sparrow, 1; White-throated Sparrow, 50; Tree Sparrow, 360; Chipping Sparrow, 2 (1 dead); Field Sparrow, 2; Junco, 61; Song Sparrow, 44; Fox Sparrow, 9; Towhee, 2; Cardinal, 52; Cedar Waxwing, 1; Migrant Shrike, 1; Myrtle Warbler, 400; Palm Warbler, 1; Pipit, 1; Mockingbird, 2; Brown Thrasher, 1; Carolina Wren, 10; Winter Wren, 1; White-breasted Nuthatch, 1; Tufted Titmouse, 33; Carolina Chickadee, 50; Golden-crowned Kinglet, 2; Hermit Thrush, 3; Robin, 150; Bluebird, 6. Total, 74 species, 16,988 individuals.—H. S. BENNETT, J. M. CADBURY, C. B. DOAK, JR., J. T. EMLIN, JR., B. C. HIATT, P. A. LIVINGSTON, N. J. McDONALD, J. K. POTTER, C. E. UNDERDOWN, E. S. WEYL, and WM. YODER.

Cape May, N. J., and vicinity.—Dec. 25; 8.30 A.M. to 12 M. and 2 to 4 P.M. Clear and later overcast. Loon, 6; Herring Gull, 50; Bonaparte's Gull, 10; Ring-billed Gull, 12; Surf Scoter, 250 (est.); White-winged Scoter, 250 (est.); Red-breasted Merganser, 3; Lesser Scaup, 3; Black Duck, 24; Great Blue Heron, 1; Killdeer, 1; Dove, 3; Turkey Vulture, 34; Marsh Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 3; Downy Woodpecker, 2; Horned Lark, 22; Crow, 6; Fish Crow, 12; Blue Jay, 7; Starling, 100 (est.); Purple Grackle, 150 (est., 1 flock); Red-winged Blackbird, 4; Meadowlark, 76; Ipswich Sparrow, 1; Savannah Sparrow, 2; Song Sparrow, 3; White-throated Sparrow, 12; Fox Sparrow, 1; Field Sparrow, 12; Tree Sparrow, 23; Junco, 10; Cardinal, 4; Snow Bunting, 1; Goldfinch, 10; Northern Shrike, 3; Pipit, 12; Palm Warbler, 1; Myrtle Warbler, 22; Mockingbird, 1; Carolina Chickadee, 2; Hermit Thrush, 1; Robin, 1; Bluebird, 4.—Total, 46 species, about 1158 individuals. Also

English Sparrow, 100 (est.). Dec. 26, Flicker, 1; Purple Finch, 4; Red-throated Loon, 1.—WITMER STONE.

Englewood, N. J. (from Overpeck Creek through the Phelps Estate to Piermont).—Dec. 22; 7 A.M. to 4.30 P.M. Clear, cold; temp. about 20°. About 15 miles on foot. Herring Gull, 200; American Merganser, 35; Hooded Merganser, 1; Black Duck, 13—(all preceding species seen on the Hudson River off the Piermont Marshes); Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Hairy Woodpecker, 3; Downy Woodpecker, 6; Flicker, 1; Blue Jay, 3; Common Crow, 6; Starling, 50; Red-winged Blackbird, 15; Meadowlark, 2; Rusty Blackbird, 2; Grackle (sp. ?), 1; Goldfinch, 16; White-throated Sparrow, 1; Tree Sparrow, 50; Field Sparrow, 3; Junco, 40; Song Sparrow, 8; Fox Sparrow, 1; Myrtle Warbler, 1; Carolina Wren, 2; Winter Wren, 1; Long-billed Marsh Wren, 1 (in the Piermont marshes, possibly wintering); White-breasted Nuthatch, 3; Tufted Titmouse, 5; Black-capped Chickadee, 15; Golden-crowned Kinglet, 1. Total, 32 species, 482 individuals. On Dec. 21, 3 Virginia Rails were seen on the Overpeck marshes and 1 shot by a local hunter.—JOE CROMWELL, JR.

Essex County, Elizabeth Region, N. J.—Dec. 22; from before dawn (6.20 A.M.) until dark. Fair but slightly overcast, with strong northwest winds; temp. 16° to 32°. Observers in six parties, covering Passaic River Valley from West Caldwell east to Newark Bay, including Elizabeth, Newark, and Arlington marshes, Passaic and Allwood swamp, Delawanna, Little Falls, Fairfield swamp, Caldwell, Verona, Montclair, Great Notch, Brookdale, Essex County Parks including Branch Brook, Glenfield, and the Orange Reservation; by car and on foot covering slightly over the prescribed 15-mile diameter. Horned Grebe, 1; Kumlien's Gull, 1; Herring Gull, 2005; Ring-billed Gull, 50; Bonaparte's Gull, 250; Red-breasted Merganser, 1; Mallard, 2; Black Duck, 422; Pintail, 1; Canvasback, 1; Old Squaw, 1; Great Blue Heron, 1; Black-crowned Night Heron, 1; Killdeer, 1; Pheasant, 4; Marsh Hawk, 3; Sharp-shinned Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 2; Rough-legged Hawk, 3; Sparrow Hawk, 6; Scaup (sp.?; probably Lesser), 1; Barred Owl, 1; Screech Owl, 2; Hairy Woodpecker, 9; Downy Woodpecker, 29; Red-headed Woodpecker, 8; Flicker, 2; Horned Lark, 90; Blue Jay, 79; Crow, 94; Starling, 618; Meadowlark, 17; Rusty Blackbird, 1; Purple Grackle, 1; Pine Grosbeak, 6; Purple Finch, 6; Goldfinch, 34; Pine Siskin, 7; Snow Bunting, 50; Lapland Longspur, 2; Savannah Sparrow, 3; White-throated Sparrow, 7; Tree Sparrow, 336; Field Sparrow, 13; Junco, 162; Song Sparrow, 57; Swamp Sparrow, 5; Fox Sparrow, 3; Cardinal, 12; Shrike (probably Northern), 2; Myrtle Warbler, 16; Pipit, 17; Carolina Wren, 1; Winter Wren, 3; Brown Creeper, 7; White-breasted Nuthatch, 56; Tufted Titmouse, 75; Chickadee, 110; Golden-crowned Kinglet, 13; Ruby-crowned Kinglet, 1; Robin, 2; Bluebird, 3. Total, 63 species, about 4736 individuals. Also House Sparrow, 345. Kumlien's Gull seen by Umer and Carter, entire plumage creamy colored; tail same; outer primaries definitely brown, not black, looked like a second-year bird. Ruby-crowned Kinglet without any lines or yellow on the head (Stearns and Rusling).—CHARLES A. URNER, T. DONALD CARTER, JAMES L. EDWARDS, ROBERT T. CLAUSEN, WARREN F. EATON, JOHN Q. ADAMS, JOHN THOMPSON, MISS ELIZABETH HARING, MRS. C. S. HEGEMAN, MR. and MRS. F. C. MARSTON, MR. and MRS. W. MUELLER, DEWITT C. REID, WILLIAM RUSLING (above 11 of the Montclair Bird Club), GEORGE YERBURY, SIDNEY BURGER, WILFRED MAROLD, DAVID GRAHAM, VINCENT PROFITA, EDWIN I. STEARNS, JR., and FREDERIC D. GARRETT.

Morristown, N. J.—Dec. 22; 7.30 to 11 A.M., 2 to 4.30 P.M. Cutter Park and Speedwell Park, and along the Whippany River. Woodland, open fields, and waterside. Mostly overcast; wind light, northwest; ground bare; temp. 22° to 36°. Black Duck, 4 (1 flock); Kingfisher, 1; Hairy Woodpecker, 1; Blue Jay, 3; Crow, 17; Starling, 51; Pine Grosbeak, 9 (1 flock); Purple Finch, 1 (singing); Tree Sparrow, 5; Junco, 23; Song Sparrow, 8; Chewink, 1; Carolina Wren, 1; Winter Wren, 3; Brown Creeper, 4; White-breasted Nuthatch, 13; Canadian Nuthatch, 1 (at my feeding-station); Tufted Titmouse, 8; Chickadee, 2; Golden-crowned Kinglet, 10. Total, 20 species, 166 individuals.—R. C. CASKEY.

Mount Holly, N. J.—Dec. 22; 9 A.M. to 4.30 P.M. Partly cloudy; wind light; temp. at start.

22°, at return 26°. Territory covered, Mount Holly to Rancocas, to Centerton, to Rancocas Park, to Hainesport, to Lumberton, to Mount Holly; distance 15 miles in auto and on foot. Wood Duck (?), 1; Killdeer, 10; Bob-white, 1; Turkey Vulture, 3; Cooper's Hawk, 2; Sparrow Hawk, 1; Hairy Woodpecker, 2; Downy Woodpecker, 4; Horned Lark, 47; Blue Jay, 3; Crow (roost), 8000 (est.); Starling, 100; Goldfinch, 12; Pine Siskin, 15; White-throated Sparrow, 10; Tree Sparrow, 18; Junco, 42; Song Sparrow, 3; Cardinal, 6; Pipit, 30; Brown Creeper, 2; Tufted Titmouse, 6; Carolina Chickadee, 4; Golden-crowned Kinglet, 2. Total, 24 species, 8324 individuals.—NELSON D. W. PUMYEA.

Pinebrook, N. J.—Dec. 26; 8.45 A.M. to 3 P.M. Fair, though slightly overcast at noon; temp. at start 26°; ground covered with snow. From Caldwell to Swinefield Bridge, to Pinebrook, then to Horse Neck Bridge and back to West Caldwell. Black Duck, 19; Great Blue Heron, 1; Red-tailed Hawk, 2; Sparrow Hawk, 1; Downy Woodpecker, 6; Red-headed Woodpecker, 1; Blue Jay, 24; Crow, 400; Starling, 500; Rusty Blackbird, 2; Goldfinch, 25; White-throated Sparrow, 7; Tree Sparrow, 291+; Slate-colored Junco, 8; Song Sparrow, 7; Cardinal, 1; White-breasted Nuthatch, 6; Tufted Titmouse, 15; Chickadee, 29; Total, 19 species, 1345 individuals.—R. F. HAULENBEEK, GAGE BEEMER, THEO. BRIGDEN, DAVID and EVARTS LOOMIS (Barringer Bird Club).

Point Pleasant, N. J. (Manasquan Inlet, Point Pleasant to Bay Head and return).—Dec. 25; 7 A.M. to 3.40 P.M. Partly cloudy in A.M., overcast in P.M. No snow on ground; all ponds covered with ice; very light west wind; temp. 22° at start, 42° at return. About 12 miles on foot. Observers together. Holboell's Grebe, 5; Horned Grebe, 15; Loon, 20; Red-throated Loon, 2; Iceland Gull, 1; Great Black-backed Gull, 3; Herring Gull, 1000; Ring-billed Gull, 32; Bonaparte's Gull, 6; Double-crested Cormorant, 1; Red-breasted Merganser, 20; Scaup Duck (?), 1; Old Squaw, 7; American Scoter, 6; White-winged Scoter, 25; Surf Scoter, 10; Ruddy Duck, 2; Mute Swan, 15; Marsh Hawk, 1; Duck Hawk, 1; Sparrow Hawk, 2; Horned Lark, 30; Blue Jay, 7; American Crow, 25; Starling, 70; Red-winged (?) Blackbird, 1; Meadowlark, 7; Goldfinch, 1; Snow Bunting, 20; White-throated Sparrow, 4; Tree Sparrow, 20; Field Sparrow, 3; Slate-colored Junco, 6; Song Sparrow, 25; Swamp Sparrow, 1; Fox Sparrow, 2; Cardinal, 2; Myrtle Warbler, 14; Carolina Wren, 1; Carolina Chickadee, 25; Robin, 75. Total, 41 species, 1514 individuals. Also House Sparrow, 30.—F. E. WATSON, J. H. CROMWELL, JR., and L. A. TOMKA.

Princeton, N. J. (within a 4.2-mile radius).—Dec. 22; 7 A.M. to 6 P.M. Increasingly overcast; ground bare; wind light to none; temp., min. 20°, max. 31°. On foot and by automobile. Observers in three couples. Herring Gull, 1; Mallard, 1; Black Duck, 1; Wilson's Snipe, 2 (together); Killdeer, 3; Pheasant, 14; Mourning Dove, 50+ (flock); Sharp-shinned Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 1; Sparrow Hawk, 4; Long-eared Owl, 1; Barred Owl, 2; Great Horned Owl, 1; Belted Kingfisher, 1; Hairy Woodpecker, 6; Downy Woodpecker, 28; Horned Lark, 15; Blue Jay, 14; American Crow, 350; Fish Crow, 11; Starling, 600; Meadowlark, 1; Rusty Blackbird, 15; Purple Finch, 10; Goldfinch, 74; White-throated Sparrow, 13; Tree Sparrow, 204; Junco, 193; Song Sparrow, 30; Cardinal, 25; Northern Shrike, 1; Carolina Wren, 2; Winter Wren, 3; Brown Creeper, 8; White-breasted Nuthatch, 12; Tufted Tit, 28; Black-capped Chickadee, 10; Carolina Chickadee, 7; Golden-crowned Kinglet, 9; Robin, 2 (together); Bluebird, 4 (flock). Total, 42 species, about 1770 individuals. Also House Sparrow, 73. A covey of 6 Bob-whites and a Saw-whet Owl on Dec. 15.—C. H. ROGERS, LAIDLAW WILLIAMS, F. P. and R. S. MATHEWS, J. S. DuBOIS, and J. S. WISE.

Ridgewood, N. J. (to Old Tappan, Piermont, and return).—Dec. 23; 7 A.M. to 4.30 P.M. Cloudy; snow and sleet falling from 10 A.M. on, wind sharp; temp. 22° to 26°. Observers in two parties, one taking trip with auto to Piermont and circling back, the other working in and about Ridgewood; four of the members for part of the day only. Herring Gull, 35; Golden-eye, 1; Marsh Hawk, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Hairy Woodpecker, 2; Downy Woodpecker, 17; Flicker, 1; Blue Jay, 48; American Crow, 24; Starling, 75; Meadowlark, 2; Purple Finch, 66; Goldfinch, 6; Pine Siskin, 2; Vesper Sparrow,

1; White-throated Sparrow, 8; Tree Sparrow, 140; Junco, 190; Song Sparrow, 11; Swamp Sparrow, 1; Fox Sparrow, 1; Towhee, 1; Cardinal, 1; Myrtle Warbler, 8; Winter Wren, 1; Brown Creeper, 6; White-breasted Nuthatch, 17; Tufted Titmouse, 17; Black-capped Chickadee, 32; Golden-crowned Kinglet, 4. Total, 32 species, about 722 individuals. Ruby-crowned Kinglets and Robins were seen Dec. 25 and 26.—MRS. H. W. CANNON, MRS. F. G. DUNHAM, MRS. H. W. SCHROEDER, MISS ALICE HALES, MRS. C. H. SPLITSTONE, MRS. E. H. COSTELLO, MR. and MRS. C. K. NICHOLS, and L. WALSH (Ridgewood Audubon Society).

Westfield, N. J. (to Mindowaskin Park, Brown's Pond, Watchung Mt., Surprise Lake, and back).—Dec. 26; 8.30 A.M. to 4.30 P.M. Clear and cloudy; snow on ground; light wind at times; 26° at start, 40° at return. About 11 miles on foot. Hairy Woodpecker, 1; Downy Woodpecker, 3; Blue Jay, 15; Crow, 4; Starling, 32; Goldfinch, 7; White-throated Sparrow, 1; Tree Sparrow, 7; Junco, 9; Song Sparrow, 1; Myrtle Warbler, 9; White-breasted Nuthatch, 6; Tufted Titmouse, 2; Black-capped Chickadee, 22; Golden-crowned Kinglet, 8. Total, 15 species, 127 individuals. Also House Sparrow, 30.—BLANCHE SPOPE SOURBIER.

Deer Creek (Allegheny Co.), Pa.—Dec. 22; 8.15 A.M. to 4.15 P.M. Cloudiness 75 per cent; no wind; temp. 14° at start, 29° at return. Seven miles on foot. Hairy Woodpecker, 1; Downy Woodpecker, 13; Tree Sparrow, 36; Slate-colored Junco, 21; Song Sparrow, 6; Cardinal, 6; Carolina Wren, 2; Winter Wren, 1; Brown Creeper, 3; Tufted Titmouse, 26; Black-capped Chickadee, 28; White-breasted Nuthatch, 8; Starling, 3; Myrtle Warbler, 1. Total, 14 species, 155 individuals. The Warbler was an unusual find. The observers, however, were on the lookout especially for them as several had been seen in the same locality by members of the Audubon Society just two weeks previous. Observers were watching closely with 8X glasses, and the yellow rump-patch was clearly seen as it started in flight.—C. S. TAYLOR and C. H. MANLEY.

Easton, Pa. (vicinity).—Dec. 25; 10 A.M. to 12 M., 2 to 5.30 P.M. Cloudy; 3 in. snow, with crust; no wind; temp. around 33°. Seven miles on foot. Ruffed Grouse, 1; Ring-necked Pheasant, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Downy Woodpecker, 2; Crow, 30; Starling, 35; Pine Grosbeak, 15± (flock); Purple Finch, 1; White-throated Sparrow, 1; Tree Sparrow, 20; Junco, 23; Song Sparrow, 5; Cardinal, 4; Brown Creeper, 1; Chickadee, 13; Hermit Thrush, 1 (seen frequently at feeding-station since Dec. 9). Total, 17 species, about 155 individuals. Pine Grosbeaks flew to and remained in top of spruce tree about two minutes and then flew together westward out of sight. Were about the size of nearby Starlings, but with longer tail; had dark appearance with no distinct markings (as observed in 30 seconds at 250 feet with 12X binoculars). Several-syllabled call, uttered both in flight and while sitting.—WILLIAM A. PAFF.

Glenolden, Pa. (Tinicum, Media to Bryn Mawr and vicinity).—Dec. 22; 6.45 A.M. to 8 P.M. Cloudy; wind west, light; temp. 24° at start, 30° at return. Herring Gull, 25; American Merganser, 12 (Higgons); Mallard, 1; Canvasback, 1; Scaup, 1; Marsh Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 12; Red-shouldered Hawk, 1 (Debes); Duck Hawk, 1; Sparrow Hawk, 1; Barn Owl, 4; Screech Owl, 1 (Debes); Long-eared Owl, 10 (Leas); Kingfisher, 1; Hairy Woodpecker, 2; Downy Woodpecker, 7; Flicker, 1; Horned Lark, 1; Crow, 300+; Starling, 500+; Red-winged Blackbird, 100+; Rusty Blackbird, 8; Purple Finch, 8; Goldfinch, 2; Savannah Sparrow, 4; White-throated Sparrow, 20; Tree Sparrow, 200+; Field Sparrow, 1; Slate-colored Junco, 25; Song Sparrow, 10; Swamp Sparrow, 4; Fox Sparrow, 6; Cardinal, 15; Pipit, 1; Mockingbird, 1; Carolina Wren, 8; Winter Wren, 6; White-breasted Nuthatch, 1 (Leas); Tufted Titmouse, 6. Total, 40 species, about 1311 individuals. Third consecutive winter brood of Barn Owls in same nest-cavity (Gillespie). The Mockingbird has been under observation at Secane Highlands by Mr. Hannum for over a month. Other species recently observed include Killdeer and Meadowlark (Debes), Horned Grebe and Green-winged Teal (Higgons and Leas), Chickadee and Grackle (Gillespie).—MR. and MRS. VICTOR A. DEBES, EARL HIGGONS, DAVID LEAS, BURRITT WRIGHT, WM. E. HANNUM, and MABEL B. and JOHN A. GILLESPIE.

Harrisburg, Pa. (along Conodoguinet Creek).—Dec. 22; 8.45 A.M. to 4.45 P.M. Cloudy; ground frozen, bare; no wind; temp. 20° at start, 30° at return. Fourteen miles on foot. Observers together. American Merganser, 4; Red-tailed (?) Hawk, 1; Downy Woodpecker, 9; Horned Lark (flock heard); Crow, 1327; Starling, very common near habitations but none along creek; Meadowlark, 3; Goldfinch (flock heard overhead); White-throated Sparrow, 2; Tree Sparrow, 84; Slate-colored Junco, 1; Cardinal, 5; Brown Creeper, 3; White-breasted Nuthatch, 4; Tufted Titmouse, 4; Black-capped Chickadee, 9; Ruby-crowned Kinglet, 1. Total, 14 species, 1457 individuals. Mergansers seen at 50 feet flying down stream.—HAROLD B. WOOD, M.D., and MERRILL WOOD.

Lititz, Pa.—Dec. 25; 7.45 A.M. to 12.15 P.M. in upper valley of the Hammer Creek, northern Lancaster Co., two observers apart on foot; 2.15 to 5 P.M. in adjoining valley of the Middle Creek, one observer on horseback. Total distance, 26 miles. Cloudy; 5 in. of snow, with crust, making tread noisy; windless; temp. 18° at start, 34° at return. Bob-white, 10; Ring-necked Pheasant, 6; Turkey Vulture, 14; Red-tailed Hawk, 2; Sparrow Hawk, 3; Screech Owl, 1; Downy Woodpecker, 10; Horned Lark, 12; Crow, 1500; Starling, 250; Tree Sparrow, 145; Slate-colored Junco, 95; Song Sparrow, 10; Cardinal, 5; White-breasted Nuthatch, 4; Tufted Titmouse, 2; Chickadee, 18. Total, 17 species, about 370 individuals (without Crows and Starlings).—HERBERT H. BECK and ABRAHAM BECK MILLER.

McKeesport, Pa.—Dec. 22; 9.30 A.M. to 5.30 P.M. Clear and cold; temp. 18° at start, 24° at finish; light trace of snow on ground. Snake Hollow, Long Run, Jacks Run, Lincoln Way; distance, 16 miles on foot. Observers together all day. Hairy Woodpecker, 1; Downy Woodpecker, 3; Crow, 3; Starling, 12; Tree Sparrow, 14; Song Sparrow, 18; Cardinal, 22; White-breasted Nuthatch, 3; Tufted Titmouse, 9; Black-capped Chickadee, 24; Carolina Wren, 2; Winter Wren, 1. Total, 12 species, 112 individuals. Note absence of Juncos, which have been present the last fifteen Censuses. Herring Gull seen along Monongahela River, Dec. 20.—L. F. SAVAGE, SR. and JR., PATRICK McDOWGH and CARMELITA SAVAGE.

Mifflintown, Pa.—Dec. 21; 7.30 A.M. to 2.45 P.M. Partly cloudy in morning, clearing later; wind moderate, westerly; temp. 20° at start, 25° at return. Along south side of Jericho Ridge for a distance of 3½ miles, then across the ridge and back along Lost Creek. Followed old canal-bed by the Juniata River for a half-mile. Eight miles on foot. Observers together. Wild Turkey, 2; Cooper's Hawk, 1; Downy Woodpecker, 2; Crow, 34; Starling, 30; Goldfinch, 3; Tree Sparrow, 54; Junco, 31; Cardinal, 6; White-breasted Nuthatch, 4; Tufted Titmouse, 8; Chickadee, 12; Golden-crowned Kinglet, 10. Total, 13 species, about 197 individuals.—M. PAULINE and LEONARD K. BEYER.

Montrose, Pa. (to Forest Lake and Franklin Forks and back).—Dec. 26; 7.30 A.M. to 4.30 P.M. Partly cloudy; 8 in. snow; wind southwest, light; temp. 25° at start, 28° at return. Distance, 18 miles walking and 3 miles riding. Ruffed Grouse, 1; Hairy Woodpecker, 6; Downy Woodpecker, 2; Blue Jay, 12; Crow, 10; European Starling, 72; Meadowlark, 1; Pine Grosbeak, 9 (1 adult male); American Goldfinch, 1; Snow Bunting, 170 (est.); Tree Sparrow, 36; Northern Shrike, 1; White-breasted Nuthatch, 4; Black-capped Chickadee, 22. Total, 14 species, about 347 individuals. Also English Sparrow, 173.—HOWARD COGSWELL.

Philadelphia, Pa. (Pennypack Park, Pine Road to Frankford Avenue).—Dec. 22; 9 A.M. to 4 P.M. Clear and partly cloudy; wind northwest, light; temp. 26° to 35°. Observers together. Bob-white, 10 (covey); Ring-necked Pheasant, 3; Mourning Dove, 5 (flock); Cooper's Hawk, 2; Red-tailed Hawk, 4; Sparrow Hawk, 1; Screech Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 12; Blue Jay, 1; Crow, 24; Fish Crow, 7; Starling, 200 (est.); Purple Finch, 11; Goldfinch, 24; White-throated Sparrow, 4; Tree Sparrow, 60; Field Sparrow, 20; Slate-colored Junco, 200; Song Sparrow, 32; Fox Sparrow, 2; Cardinal, 15; Carolina Wren, 3; Winter Wren, 6; White-breasted Nuthatch, 4; Tufted Titmouse, 14; Chickadee, 2; Robin, 1. Total, 28 species, about 719 individuals. Also House Sparrow, 30.—WILLIAM JAY and RICHARD F. MILLER.

Philadelphia, Pa. (to Haverford, Pa., Darby Creek, and return to Haverford).—Dec. 24;

9 A.M. to 4 P.M. Cloudy at noon, clear rest of day; 3 to 4 in. of snow with thick crust; ice on trees and grass; wind west and northwest; temp. 24° at start, 28° at return. Distance, 10 miles in auto, 10 miles on foot. Two observers together. Herring Gull, 18; American Merganser, 9; Bob-white, 6 (1 covey); Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 2; Downy Woodpecker, 5; Blue Jay, 1; American Crow, 45; Goldfinch, 2; White-throated Sparrow, 4; Tree Sparrow, 18; Junco, 16; Song Sparrow, 7; Cardinal, 5; Carolina Wren, 1; Brown Creeper, 1; White-breasted Nuthatch, 1; Tufted Titmouse, 7; Golden-crowned Kinglet, 1. Total, 21 species, about 154 individuals.—HARRY G. M. JOPSON and R. M. GUMMERE, JR.

Reading, Pa.—Dec. 22; 7.30 A.M. to 2.30 P.M. Cloudy; wind light, north to northwest; ground bare; temp. at start 21°, at return 28°. By automobile and by foot. Two groups, three in each group; one along the Maiden Creek, the other between Reading and Birdsboro. Pintail, 2; Killdeer, 3; Bob-white, 48; Ring-necked Pheasant, 2; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Sparrow Hawk, 7; Screech Owl, 1; Kingfisher, 2; Downy Woodpecker, 11; Hairy Woodpecker, 2; Flicker, 1; Horned Lark, 30; Starling, 220; Crow, 320; Purple Finch, 5; Goldfinch, 20; Pine Siskin, 4; White-throated Sparrow, 28; Tree Sparrow, 240; Junco, 98; Song Sparrow, 18; Swamp Sparrow, 1; Cardinal, 23; Carolina Wren, 4; Brown Creeper, 2; Chickadee, 28; Tufted Titmouse, 17; White-breasted Nuthatch, 3; Golden-crowned Kinglet, 5; Hermit Thrush, 1. Total, 32 species, 1151 individuals.—FLORENCE M. HERGESHEIMER, MARY E. DEETER, ANNA C. DEETER, EARLE L. POOLE, CHARLES H. ALSPACH, and BYRON NUNEMACHER (Members of Baird Ornithological Club).

Scranton, Pa.—Dec. 26; 10 A.M. to 5 P.M. Cloudy; 4 in. snow; temp. at start 31°, at finish 32°. Men (four observers), Glenburn to Clark's Summit, to Falls, to Tunkhannock, to Nicholson; ladies (two observers), in vicinity of Clark's Summit. Distance, 54 miles by auto, about 5 miles on foot. All species, with one exception, seen within 2-mile radius. Bob-white, 6 (2 coveys); Ruffed Grouse, 2; Screech Owl, 1; Great Horned Owl, 1; Downy Woodpecker, 3; Horned Lark, 50; American Crow, 21; Starling, 100; Meadowlark, 1; Snowflake, 550 (3 flocks); Lapland Longspur, 1; Tree Sparrow, 84; Junco, 3; Brown Creeper, 1 (heard); White-breasted Nuthatch, 3; Black-capped Chickadee, 17; Robin, 1. Total, 17 species, about 840 individuals. Also House Sparrow, 10. Four observers approached within 10 feet of Lapland Longspur and noted long hind toe-nails, silvery edges of black breast-feathers, and streaks on sides. Robin seen by four observers at distance of 30 feet.—MRS. FRANCIS H. COFFIN, MRS. EDGAR STURGE, C. L. CAMP, M. J. KELLEY, J. M. CAIRNS, and J. M. CAIRNS, JR. (Scranton Bird Club).

Sewickley, Pa. (Frankfort Springs, Big Traverse Creeks, Raccoon Creek).—Dec. 22; 8.15 A.M. to 2.30 P.M. Cloudy at start; sunshine; light snow; north wind; temp. 10° to 20°. Observers together. Grouse, 1; Red-tailed Hawk, 1; Sparrow Hawk, 2; Great Horned Owl, 1; Hairy Woodpecker, 4; Downy Woodpecker, 9; Tree Sparrow, 140; Junco, 46; Song Sparrow, 18; Cardinal, 33; Carolina Wren, 7; Winter Wren, 2; White-breasted Nuthatch, 8; Tufted Titmouse, 20; Chickadee, 28. Total, 15 species, 324 individuals. Song Sparrow singing.—BAYARD H. CHRISTY and FRANK A. HEGNER.

West Chester, Pa. (radius of 4 miles from town).—Dec. 26; 9 A.M. to 5 P.M. Clear; still; snow on ground; north wind; temp. 28° to 36°. Observers in three groups. Bob-white, 7; Ring-necked Pheasant, 1; Marsh Hawk (imm.), 1; Sparrow Hawk, 3; Belted Kingfisher, 1; Downy Woodpecker, 11; Yellow-bellied Sapsucker, 1; Crow, 290; Starling, 56; Purple Finch, 6; Goldfinch, 1; White-throated Sparrow, 1; Tree Sparrow, 50; Slate-colored Junco, 58; Song Sparrow, 20; Cardinal, 21; White-breasted Nuthatch, 4; Tufted Titmouse, 6. Total, 18 species, 538 individuals. The immature Marsh Hawk was a correct size for the male bird. Its back was very dark gray. As the bird flew low (12 feet) it was seen 120 feet distant. It had a white patch on the rump. The tail was long, narrow, and square-ended.—MARY SHARPLES, MARY GRIFFITH, ALICE SWAYNE, ARTHUR HOOPES, MR. and MRS. ISAAC ROBERTS and MR. and MRS. JOSEPH COPE.

Williamsport, Pa.—Dec. 26; 9 A.M. to 4 P.M. Clear; 5 in. snow; no wind; temp. 28°. Distance covered about 7 miles. Observers together. Duck (sp. ?), 1; Ruffed Grouse, 1; Ring-necked Pheasant, 6; Hawk (sp. ?), 1; Belted Kingfisher, 1; Downy Woodpecker, 3; Prairie Horned Lark, 40; Crow, 18; Starling, 268; Purple Finch, 3; Goldfinch, 1; Tree Sparrow, 19; Song Sparrow, 1; Cardinal, 2; Carolina Wren, 1; Brown Creeper, 3; White-breasted Nuthatch, 3; Tufted Titmouse, 7; Black-capped Chickadee, 10. Total, 19 species, 389 individuals. Also English Sparrow, 50.—JOHN P. and CHAS. V. P. YOUNG.

Wyncote, Pa. (to Baederwood, Briar Bush Bird Sanctuary, at Roslyn, and a wood 2 miles beyond to north).—Dec. 26; 8.15 A.M. to 3 P.M. Clear; 2 in. heavily crusted snow on ground, and ice on weeds, etc.; no wind at start, light wind after noon; temp. 22° at start, 40° on return. About 10 miles afoot. Observers together. Bob-white, 18 (covey at Briar Bush); Ring-necked Pheasant, 15; Mourning Dove, 7 (at Briar Bush); Marsh Hawk, 1; Sparrow Hawk, 1; Long-eared Owl, 6 (in a thick evergreen wood, a winter roost of many years' standing); Hairy Woodpecker, 1; Downy Woodpecker, 13; Flicker, 2; Crow, 44; Starling, 48; Pine Grosbeak, 7 (a flock in low spruces seen by four in party for several minutes, at 30 feet, and studied through binoculars; at least three were males, the reddish color brightest on head, upper breast and rump, two distinct white wing-bars; forked tail); Goldfinch, 3; White-throated Sparrow, 18; Tree Sparrow, 50; Slate-colored Junco, 105; Song Sparrow, 38; Cardinal, 11; Carolina Wren, 2; Tufted Titmouse, 6; Chickadee, 5; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 2 (with the Golden-crowns; studied with glasses at close range); Robin, 1. Total, 24 species, 407 individuals. (Last year on the same walk, 30 species and 402 individuals.) Also House Sparrow, 38.—HERBERT H. MILLS, MALCOLM M. SMITH, WILLIAM W. FRECH, KENNETH E. PAUL, EDWARD H. PARRY (for the Wyncote Bird Club); joined for the count at Briar Bush by the owners, EVERETT S. and FLORENCE C. GRISCOM.

Perryville, Md. (and vicinity, taking in Perry Point at the Susquehanna flats, including fields, woods and edges at Chesapeake Bay).—Dec. 21; 9.30 A.M. to 1.30 P.M. Clear; wind strong, southeast; temp. 15° at start, 20° at finish. Five miles on foot. Herring Gull, 7; Canvasback, 5; Canada Goose, 50; Turkey Vulture, 2; Red-tailed Hawk, 2; Crow, 25; Cowbird, 20; Starling, 104; Rusty Blackbird, 2; Goldfinch, 8; Tree Sparrow, 2; Slate-colored Junco, 20; Song Sparrow, 2; Tufted Titmouse, 1; Black-capped Chickadee, 2. Total, 15 species, about 252 individuals.—S. E. PERKINS, III.

Port Tobacco (Charles Co.), Md.—Dec. 23; 10.30 A.M. to 3.30 P.M. Cold rain, with brisk northeast wind; temp. about 32°, causing the rain to freeze late in the day. Trip included two rather limited areas on the west side of Port Tobacco River, one near Port Tobacco Village, and the other about 4 miles down stream. Observers covered the same area although they were not together all the time. Owing to the unfavorable weather with its poor visibility, only about one-fourth of the area usually covered by this party was taken in. Ring-necked Duck, 2; Old Squaw, 1 (seen by all observers at distance of 75 yards); Ruddy Duck, 40; Jack Snipe, 1; Bob-white, 18; Mourning Dove, 5; Turkey Vulture, 5; Buteo sp. (probably small male Red-shouldered), 2; Downy Woodpecker, 4; Red-bellied Woodpecker, 3; Flicker, 7; Crow, 15; Starling, 60; Red-winged Blackbird, 4; Meadowlark, 5; Goldfinch, 12; White-throated Sparrow, 25; Tree Sparrow, 15; Field Sparrow, 2; Junco, 120; Song Sparrow, 12; Cardinal, 6; American Pipit, 40; Mockingbird, 2; Myrtle Warbler, 7; Carolina Wren, 5; Winter Wren, 2; Brown Creeper, 5; Tufted Titmouse, 7; Carolina Chickadee, 15; Golden-crowned Kinglet, 30; Hermit Thrush, 1; Robin, 2; Bluebird, 2. Total, 34 species, 480 individuals. Also English Sparrow, 3.—C. C. SPERRY, F. M. UHLER, JAMES SILVER, and E. R. KALMBACH.

Dogue Creek, Va.—Dec. 22; 8 A.M. to 5 P.M. Overcast; ground bare; little wind; temp. 28° to 34°. About 12 miles on foot. Observers together. Herring Gull, 46; American Merganser, 5; Mallard, 7; Black Duck, 1; Canvasback, 600 (est.); Scaup, 23; Golden-eye, 1; Ruddy Duck, 1; Killdeer, 20; Mourning Dove, 1; Turkey Vulture, 13; Marsh Hawk, 4; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Sparrow Hawk, 2; Hairy Woodpecker, 2; Downy Woodpecker, 8; Red-bellied Woodpecker, 3; Flicker, 5; Blue Jay, 20; Crow, 11; Star-

ling, 8; Red-winged Blackbird, 12; Meadowlark, 6; Purple Finch, 1; Goldfinch, 8; White-throated Sparrow, 21; Tree Sparrow, 300 (est.); Junco, 200 (est.); Song Sparrow, 18; Fox Sparrow, 3; Cardinal, 11; Migrant Shrike, 2; Myrtle Warbler, 3; Mockingbird, 4; Winter Wren, 1; Carolina Wren, 7. Total, 41 species, about 1419 individuals. Also English Sparrow, 9.—E. A. PREBLE, W. L. MCATEE, and ALEX. WETMORE.

Henrico County, Va. (Curles Neck Farm).—Dec. 26; 7.45 A.M. to 5 P.M. Clear to cirrus clouds; snow and ice in shady places and backwaters; birds very active until about 10 A.M. when a brisk, cold, south wind sprang up; Geese and Ducks active all day; temp. 18° at start and 36° at return. Distance, 36 miles by automobile, 10 miles by boat, and 2 miles on foot. Herring Gull, 1; Ring-billed Gull, 9; American Merganser, 29; Mallard, 1018 (part est.); Black Duck, 38; Gadwall, 1; Canada Goose, 2100 (est.); Great Blue Heron, 1; Killdeer, 15; Bob-white, 16 (1 covey); Mourning Dove, 63 (part est.); Turkey Vulture, 20; Black Vulture, 5; Marsh Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Bald Eagle, 3; Sparrow Hawk, 1; Belted Kingfisher, 2; Downy Woodpecker, 3; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Flicker, 6; Prairie Horned Lark, 550 (est.); American Crow, 56; Starling, 225 (part est.); Cowbird, 7; Red-winged Blackbird, 407 (part est.); Meadowlark, 157 (part est.); Purple Grackle, 1; Goldfinch, 7; White-throated Sparrow, 35; Field Sparrow, 20; Slate-colored Junco, 155 (part est.); Song Sparrow, 13; Swamp Sparrow, 6; Cardinal, 31; Loggerhead Shrike, 2; American Pipit, 25; Mockingbird, 3; Carolina Wren, 9; White-breasted Nuthatch, 1; Tufted Titmouse, 1; Carolina Chickadee, 2; Golden-crowned Kinglet, 2; Hermit Thrush, 1; Bluebird, 15. Total, 47 species, about 5071 individuals.—CHARLES O. HANDLEY.

Lexington, Va.—Dec. 24; 9 A.M. to 2 P.M. Generally clear; 6 in. of fresh snow; wind west, brisk at times; streams partially frozen; temp. 18° at start, 30° at return. Four points within 10 miles diameter: farm lands; Big Spring Pond, which is fed by strong springs and never completely frozen over; pine woods; wooded cliffs along North River. Distance, 20 miles by auto, 4 on foot. Observers together, except at last point. Horned Grebe, 1; Black Duck, 3; Gadwall, 3; Great Blue Heron, 1; Killdeer, 5; Bob-white, 19 (2 coveys); Mourning Dove, 3; Turkey Vulture, 14; Black Vulture, 3; Red-tailed Hawk, 1; Sparrow Hawk, 1; Kingfisher, 2; Downy Woodpecker, 7; Flicker, 2; Phoebe, 3; Crow, 24; Starling, 175; Meadowlark, 4; White-throated Sparrow, 1; Tree Sparrow, 300; Junco, 200; Song Sparrow, 12; Cardinal, 19; Mockingbird, 4; Carolina Wren, 5; Winter Wren, 1; White-breasted Nuthatch, 2; Tufted Titmouse, 8; Carolina Chickadee, 4; Golden-crowned Kinglet, 12; Bluebird, 5. Total, 31 species, about 844 individuals. Also English Sparrow, 200. Twice flocks of birds were seen which were either Horned Larks or Pipits but were too far away to be definitely distinguished. The Horned Grebe, seen by Murray, was swimming in North River and was seen at close range. The white cheek-patches, almost joining behind the head, were noted. The Gadwalls have been under observation several times recently, the contrast between upper and lower neck, the black tail coverts, and white wing-patch being noted. The Juncos probably included the Carolina form as well as the Slate-colored.—JAMES J. MURRAY and MERRIAM G. LEWIS.

Brevard, N. C.—Dec. 26; 9 A.M. to 3 P.M. Clear; 3 in. snow; no wind at start, south wind at return; temp. 40° at start, 48° at return. Ramble through forests and fields; 10 miles on foot. Observers together. Killdeer, 1; Mourning Dove, 10; Flicker, 3; Downy Woodpecker, 4; American Crow, 9; Blue Jay, 7; Starling, 50 (3 flocks); Meadowlark, 40 (2 flocks); Goldfinch, 5; Vesper Sparrow, 10; White-throated Sparrow, 45; Field Sparrow, 50; Slate-colored Junco, 200; Song Sparrow, 63; Towhee, 18; Cardinal, 26; Carolina Wren, 10; House Wren, 2; Tufted Titmouse, 10; Carolina Chickadee, 6; Wood Thrush [?], 5; White-breasted Nuthatch, 10; Bluebird, 33. Total, 23 species, about 627 individuals. Also many English Sparrows.—MARK TAYLOR ORR and JAMES LUMLEY.

Chapel Hill, N. C.—Dec. 22; 9 A.M. to 4.30 P.M. Cloudy; light snowfall between 11 and 3, leaving ½ in. on ground; no wind; temp. 35° at start, 33° at return. About 10 miles on foot, covering all kinds of country in and about Chapel Hill; never more than 3 to 4 miles from

starting-place. Observers together. Bob-white, 16 (coveys of 11 and 5); Turkey Vulture, 3; Black Vulture, 1; Marsh Hawk, 1; Hairy Woodpecker, 2; Downy Woodpecker, 2; Yellow-bellied Sapsucker, 1; Red-headed Woodpecker, 2; Flicker, 6; Blue Jay, 9; Crow, 18; Starling, 12 (1 flock); Red-winged Blackbird, 27 (flock, est.); Purple Finch, 34; Goldfinch, 10; Vesper Sparrow, 1; Savannah Sparrow, 6; White-throated Sparrow, 21; Field Sparrow, 16; Slate-colored Junco, 461; Song Sparrow, 11; Fox Sparrow, 3; Towhee, 5; Cardinal, 14; Myrtle Warbler, 2; Pine Warbler, 2; Mockingbird, 7; Brown Thrasher, 2; Carolina Wren, 11; Winter Wren, 4; White-breasted Nuthatch, 7; Tufted Titmouse, 6; Carolina Chickadee, 16; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 2; Hermit Thrush, 5; Bluebird, 17. Total, 37 species, about 958 individuals. Several fairly common winter birds such as Brown Creeper, Cedar Waxwing, Meadowlark, and Swamp Sparrow were missed today.—EUGENE ODUM and COTT COKER.

Aiken, S. C. (Azalea Farm).—Dec. 27; 11 A.M. to 5 P.M. Calm; sunny; temp. about 50°. Observers together; about 2 miles on foot; woods, creek-bottom, and old fields. Great Blue Heron, 1; Wilson's Snipe, 61 (on flooded pasture driving to farm); Killdeer, 79 (on polo-fields); Bob-white, 12 (1 covey); Dove, 10; Turkey Vulture and Black Vulture, 31; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 2; Great Horned Owl, 1; Southern Hairy Woodpecker, 5; Southern Downy Woodpecker, 6; Red-cockaded Woodpecker, 1; Pileated Woodpecker, 1; Red-headed Woodpecker, 10; Red-bellied Woodpecker, 9; Southern Flicker, 14; Phoebe, 3; Horned Lark, 9 (probably praticola, on polo-field); Blue Jay, 11; American Crow, 14; Fish Crow, 3; Starling, 15; Red-winged Blackbird, 8; Meadowlark, 41; Purple Finch, 11; Goldfinch, 40; Vesper Sparrow, 100; Savannah Sparrow, 110; White-throated Sparrow, 350; Chipping Sparrow, 325; Field Sparrow, 300; Junco, 410; Song Sparrow, 200; Swamp Sparrow, 20; Fox Sparrow, 25; Towhee and White-eyed Towhee, 15; Cardinal, 21; Cedar Waxwings, 60; Loggerhead Shrike, 9; Myrtle Warbler, 21; Pine Warbler, 23; Palm Warbler, 1; Southern Maryland Yellow-throat, 2; Titlark, 165; Mockingbird, 6; Catbird, 2; Brown Thrasher, 9; Carolina Wren, 11; Winter Wren, 2; Brown Creeper, 5; White-breasted Nuthatch, 3; Brown-headed Nuthatch, 50; Titmouse, 12; Carolina Chickadee, 17; Golden-crowned Kinglet, 50; Ruby-crowned Kinglet, 30; Robin, 1150 (or more flying into swamp to roost); Bluebird, 35. Total, 63 species, about 3897 individuals. Also English Sparrow, 30.—MARION J. FELLEW and LOUISE P. FORD.

Timmonsville, S. C.—Dec. 25; 10 A.M. to 2.30 P.M., and 3.30 P.M. to 5 P.M. Clear; wind moderate, southwest; temp. at start 36°, at return 50°. Observers together. Broom grass fields, swamp, and pine woods. Killdeer, 3; Bob-white, 8 (1 covey); Mourning Dove, 18; Turkey Vulture, 5; Black Vulture, 4; Sparrow Hawk, 2; Southern Hairy Woodpecker, 1; Southern Downy Woodpecker, 1; Red-cockaded Woodpecker, 3; Yellow-bellied Sapsucker, 5; Red-bellied Woodpecker, 5; Flicker, 10; Phoebe, 4; Blue Jay, 2; Meadowlark, 1; Rusty Blackbird, 60; Goldfinch, 25; Vesper Sparrow, 10; Savannah Sparrow, 1; White-throated Sparrow, 150 (est.); Chipping Sparrow, 4; Field Sparrow, 3; Slate-colored Junco, 250 (est.); Song Sparrow, 90 (est.); Swamp Sparrow, 1; Fox Sparrow, 4; Towhee, 5; Cardinal, 9; Myrtle Warbler, 3; Pine Warbler, 2; Yellow Palm Warbler, 2; Mockingbird, 6; Brown Thrasher, 5; Carolina Wren, 3; Winter Wren, 2; Brown Creeper, 2; Brown-headed Nuthatch, 3; Carolina Chickadee, 3; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 4; Hermit Thrush, 3; Robin, 8; Bluebird, 6. Total, 43 species, 737 individuals. Also English Sparrows. Starlings, Crows, and Loggerhead Shrike seen Dec. 26.—BILLY and SIMON WARD.

Atlanta, Ga. (Piedmont Park, Highland Ave. Section, and Colliers Woods).—Dec. 22; 8.30 A.M. to 1.30 P.M. *Snow, rain, and sleet* (unusual). Temp. 18° at start, 20° at return. Distance, 12 miles on foot. Observers together. Scaup Duck, 2; Killdeer, 12; Hawk [?], 2; Downy Woodpecker, 1; Blue Jay, 3; White-throated Sparrow, 37; Field Sparrow, 14; Slate-colored Junco, 60; Song Sparrow, 50; Towhee, 31; Cardinal, 28; Mockingbird, 2; Carolina Wren, 3; Winter Wren, 1; Red-breasted Nuthatch, 2; Chickadee, 2; Kinglet (?), 1. Total, 17 species, 251 individuals. This weather is extremely unusual for Atlanta, even the birds

seemed bewildered; first big snow and sleet in ten years.—MR. and MRS. ASHLEY B. HAIGHT (Atlanta Bird Club).

College Park, Ga.—Dec. 24; 6.45 A.M. to 4 P.M. Clear; ground covered with an inch or more of crusted snow; weeds and limbs of trees with a light coating of ice; slight thaw during midday and afternoon; wind light, west at start, veering to northwest later; temp. 15° at start, 34° at return. Over fields and marshy pasture land east of city for about a mile; through part of residential section of city including the campus of Cox College; then westward, covering the territory lying west and southwest of city, across the headwaters of Camp Creek to the Newnan Road, and southern boundary of Fulton County. About 10 to 12 miles on foot. Observers together. Wilson's Snipe, 2; Killdeer, 9; Mourning Dove, 2; Turkey Vulture, 6; Black Vulture, 6; Sparrow Hawk, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2; Red-bellied Woodpecker, 1; Flicker, 7; Phoebe, 4; Blue Jay, 32; Crow, 11; Starling, 1; Meadowlark, 1; Goldfinch, 16; Leconte's (?) Sparrow, 4; White-throated Sparrow, 19; Field Sparrow, 30; Junco, 95; Song Sparrow, 15; Fox Sparrow, 3; Towhee, 19; Cardinal, 14; Pine Warbler, 2; Brown Thrasher, 1; Carolina Wren, 4; White-breasted Nuthatch, 5; Brown-headed Nuthatch, 4; Tufted Titmouse, 2; Carolina Chickadee, 6; Golden-crowned Kinglet, 7; Hermit Thrush, 4; Bluebird, 28. Total, 34 species, 360 individuals. Many birds seen in the residential section of the city, probably because of the lessened food-supply due to the snow and ice.—GEORGE ANDREW DORSEY and WALDEMAR T. ZIEGLER.

Lumber City (Telfair Co.), Ga. (about town, to Ocmulgee River, down Ocmulgee River to Little Ocmulgee River, up Little Ocmulgee River to road and back to town).—Dec. 26; 8 A.M. to 5.30 P.M. Clear; no wind; temp. 30° at start, 60° on return. Six miles on foot. Observers together. Killdeer, 15; Bob-white, 12 (1 covey); Turkey Vulture, 4; Black Vulture, 2; Florida Red-shouldered Hawk, 2; Sparrow Hawk, 3; Belted Kingfisher, 1; Southern Hairy Woodpecker, 1; Southern Downy Woodpecker, 2; Yellow-bellied Sapsucker, 4; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Flicker, 4; Phoebe, 6; Southern Blue Jay, 11; Red-winged Blackbird, 1; Southern Meadowlark, 50; Rusty Blackbird, 11; Goldfinch, 5; Vesper Sparrow, 3; Savannah Sparrow, 3; White-throated Sparrow, 19; Chipping Sparrow, 1; Field Sparrow, 4; Slate-colored Junco, 12; Song Sparrow, 5; Fox Sparrow, 4; Towhee, 11; Cardinal, 6; Loggerhead Shrike, 1; Blue-headed Vireo, 1; Black and White Warbler, 1; Myrtle Warbler, 16; Pine Warbler, 1; Palm Warbler, 4; Florida or Maryland Yellow-throat, 1; American Pipit, 20; Mockingbird, 5; Brown Thrasher, 5; Carolina Wren, 4; House Wren, 2; Winter Wren, 1; Brown Creeper, 2; Southern White-breasted Nuthatch, 1; Tufted Titmouse, 3; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 9; Hermit Thrush, 6; Robin or Southern Robin, 176; Bluebird, 5. Total, 50 species, 475 individuals. Also House Sparrows. Black and White Warbler studied under 8 and 6× binoculars at distance of 33 feet.—EARLE R. GREENE and NORMAN GILES, JR.

Savannah, Ga.—Dec. 26; 9 A.M. to 5 P.M. Clear, with little breeze; temp. 33° at 8 A.M., 55° at 2 P.M. Combined list of nine people in two groups on foot and by auto. One group by auto on river fronts and Tybee Road, for three hours; the other by Thunderbolt, Bona Bella, De Renne Ave., Skidaway Road and the Hardy Flower Garden. Distance traveled, 25 miles on foot and in auto. Herring Gull, 17; Bonaparte's Gull, 20; Mallard, 1; Lesser Scaup, 38; Great Blue Heron, 1; Clapper Rail, 2; Willet, 4; Killdeer, 10; Mourning Dove, 15; Ground Dove, 3; Turkey Vulture, 2; Black Vulture, 3; Marsh Hawk, 5; Sharp-shinned Hawk, 1; Barred Owl, 1; Kingfisher, 5; Downy Woodpecker, 2; Pileated Woodpecker, 1; Red-headed Woodpecker, 2; Red-bellied Woodpecker, 5; Flicker, 16; Phoebe, 6; Blue Jay, 25; Fish Crow, 875; Red-winged Blackbird, 2220 (est.); Meadowlark, 92; Boat-tailed Grackle, 30; Vesper Sparrow, 82; Savannah Sparrow, 40; White-throated Sparrow, 103; Chipping Sparrow, 6; Field Sparrow, 75; Song Sparrow, 81; Swamp Sparrow, 3; Towhee, 36; White-eyed Towhee, 5; Cardinal, 39; Cedar Waxwing, 10; Loggerhead Shrike, 8; Orange-crowned Warbler, 2; Myrtle Warbler, 299; Pine Warbler, 10; Palm Warbler, 2; Pipit, 81; Mockingbird, 47; Catbird, 3; Brown Thrasher, 21; Carolina Wren, 9; Winter Wren, 3; Long-billed Marsh Wren, 2; Brown-

headed Nuthatch, 1; Tufted Titmouse, 8; Chickadee, 6; Ruby-crowned Kinglet, 33; Hermit Thrush, 14; Robin, 1; Bluebird, 5. Total, 57 species, 4437 individuals.—MR. and MRS. H. B. SKEELE, MR. W. J. ERICSON, MR. and MRS. J. B. COPPS, MISS ANNIE REDDY, MISS MARIE REDDY, MISS LORETTA MCCARTHY, and MRS. V. H. BASSETT.

Tate, Ga.—Dec. 24; 9.30 A.M. to 5 P.M. Clear; 3 in. snow; gentle northwest wind; temp. 26° at start, 32° at finish. Over fields, hills, along bluffs and creek-bottoms, north and west of town for a distance of about 7 miles on foot. Bob-white, 6 (1 covey); Mourning Dove, 5; Turkey Vulture, 1; Red-headed Woodpecker, 1; Southern Hairy Woodpecker, 1; Southern Downy Woodpecker; Flicker, 3; Phoebe, 2; Blue Jay, 11; Goldfinch, 20+; White-throated Sparrow, 50+; Chipping Sparrow, 10; Field Sparrow, 13; Junco, 75+; Song Sparrow, 15+; Towhee, 50+; Cardinal, 5; Pine Warbler, 2; Mockingbird, 2; Brown Thrasher, 1; Carolina Wren, 5; Winter Wren, 1; Brown Creeper, 1; White-breasted Nuthatch, 6; Tufted Titmouse, 12+; Carolina Chickadee, 2; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 1; Hermit Thrush, 1. Total, 29 species, about 300 individuals.—MISS BERMA JANARD.

Daytona Beach, Fla.—Dec. 26; 7.30 A.M. to 12.30 P.M.; 3 to 6 P.M. Clear; wind northeast; temp. 44° at start. Total of 80 miles, by car and afoot, between Ormond, Ponce de Leon Inlet, and 5 miles inland. Numbers estimated for species in flocks. Observers together. Horned Grebe, 1; Pied-billed Grebe, 4; Herring Gull, 30; Ring-billed Gull, 15; Bonaparte's Gull, 50; Royal Tern, 30; Common (?) Tern, 4; (Black Skimmers, always in large flocks at the Inlet, totally absent); Gannet, 6; Florida (?) Cormorant, 6; Brown Pelican, 22; Lesser Scaup, 80; Ward's Heron, 9; American Egret, 1; Louisiana Heron, 1; Little Blue Heron, 8; Green Heron, 1; Black-crowned Night Heron, 4; Clapper Rail, 2; Florida Gallinule, 6; Knot, 2; Red-backed Sandpiper, 5; Semipalmated Sandpiper, 5; Sanderling, 150; Spotted Sandpiper, 1; Hudsonian Curlew, 2; Black-bellied Plover, 28; Killdeer, 5; Piping Plover, 10; Ruddy Turnstone, 35; Mourning Dove, 4; Ground Dove, 5; Turkey Vulture, 11; Black Vulture, 2; Marsh Hawk, 3; Red-shouldered Hawk, 2; Bald Eagle, 1; Sparrow Hawk, 2; Florida Barred Owl, 1; Belted Kingfisher, 6; Hairy Woodpecker, 1; Red-bellied Woodpecker, 4; Flicker, 3; Phoebe, 9; Blue Jay, 5; Florida Jay, 2; Florida Crow, 3; Fish Crow, 200; Red-winged Blackbird, 6; Meadowlark, 2; Florida Grackle, 9; Goldfinch, 15; Savannah Sparrow, 7; Chipping Sparrow, 2; Swamp Sparrow, 3; Towhee, 5; Florida Cardinal, 5; Tree Swallow, 2; Loggerhead Shrike, 7; White-eyed Vireo, 3; Myrtle Warbler, 100; Palm Warbler, 24; Florida (?) Yellow-throat, 11; Mockingbird, 26; Catbird, 8; Brown Thrasher, 2; Florida Wren, 7; House Wren, 6; Brown-headed Nuthatch, 5; Tufted Titmouse, 4; Ruby-crowned Kinglet, 3; Blue-gray Gnatcatcher, 6; Robin, 40; Bluebird, 15. Total, 73 species, 1100 individuals (est.).—R. J. and LOTT LONGSTREET.

Gulfport, Fla. (to Madeira Beach back via Pasadena, then to Gandy Bridge via North Shore, return by way of Weedon's Island and Pinellas Point).—Dec. 26; 7.30 A.M. to 11.30 A.M. and 12 M. to 5 P.M. Clear; wind northeast; temp. 40° at start, 56° at return. Distance, 69 miles by auto. Observers together. Horned Grebe, 4; Pied-billed Grebe, 16; Red-throated Loon, 14; Herring Gull, 37; Ring-billed Gull, 4; Laughing Gull, 93; Franklin's Gull, 23; Caspian Tern, 16; Common Tern, 7; Black Skimmer, 1065; Water Turkey, 10; Florida Cormorant, 264; Brown Pelican, 202; Red-breasted Merganser, 86; Lesser Scaup, 2503; White Ibis, 12 (8 imm.); Ward's Heron, 13; American Egret, 11; Snowy Egret, 47; Louisiana Heron, 24; Little Blue Heron, 82; Yellow-crowned Night Heron, 5; Florida Gallinule, 2; Wilson's Snipe, 1; Dowitcher, 20; Baird's Sandpiper, 1; Least Sandpiper, 204; Sanderling, 24; Willet, 212; Black-bellied Plover, 16; Killdeer, 23; Semipalmated Plover, 550; Ruddy Turnstone, 13; Florida Bob-white, 10; Mourning Dove, 15; Ground Dove, 31; Turkey Vulture, 4; Black Vulture, 4; Marsh Hawk, 1; Cooper's Hawk, 2; Broad-winged Hawk, 1; Bald Eagle, 5; Sparrow Hawk, 17; Osprey, 1; Belted Kingfisher, 16; Yellow-bellied Sapsucker, 1; Red-bellied Woodpecker, 1; Southern Flicker, 3; Phoebe, 7; Blue Jay, 5; Florida Crow, 25; Florida Red-winged Blackbird, 116; Southern Meadowlark, 16; Boat-tailed Grackle, 42; Goldfinch, 30; White-throated Sparrow, 2; Song Sparrow, 20; Swamp Sparrow, 2; Towhee, 4; White-eyed

Towhee, 2; Cardinal, 3; Tree Swallow, 90; Loggerhead Shrike, 17; Blue-headed Vireo, 1; Myrtle Warbler, 43; Pine Warbler, 2; Palm Warbler, 12; Prairie Warbler, 1; Water Thrush, 1; Florida Yellow-throat, 5; Mockingbird, 57; Catbird, 2; Brown Thrasher, 1; Carolina Wren, 1; House Wren, 3; Blue-gray Gnatcatcher, 4; Robin, 170; Bluebird, 2. Total, 78 species, 6406 individuals. Also English Sparrow, 4.—MISS MARIE G. WILLSON and DAISIE M. MORRISON.

Jacksonville, Fla. (pine woods near the city and 18 miles along north shore of the St. Johns to the ocean).—Dec. 25; 8.30 A.M. to 1 P.M., 2.30 to 5.30 P.M. Clear; almost no wind; temp. 28° at start, about 60° at noon. By auto and afoot. Pied-billed Grebe, 4; Great Black-backed Gull, 2; Herring Gull, 500; Ring-billed Gull, 2000; Laughing Gull, 15; Bonaparte's Gull, 2; Royal Tern, 200; Forster's Tern, 1; Least Tern, 10; Black Skimmer, 1000; Florida Cormorant, 20; Brown Pelican, 150; Lesser Scaup, 50; Great Blue Heron, 15; American Egret, 2; Little Blue Heron, 20; Wilson's Snipe, 1; Least Sandpiper, 100; Semipalmated and Western Sandpipers, 500; Sanderling, 5; Willet, 2; Killdeer, 30; Semipalmated Plover, 150; Piping Plover, 1; Ruddy Turnstone, 3; Mourning Dove, 12; Ground Dove, 1; Turkey Buzzard, 15; Black Vulture, 12; Marsh Hawk, 8; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Florida Red-shouldered Hawk, 1; Bald Eagle, 5; Sparrow Hawk, 10; Belted Kingfisher, 25; Southern Downy Woodpecker, 2; Red-headed Woodpecker, 6; Red-bellied Woodpecker, 8; Flicker, 3; Phoebe, 1; Florida Blue Jay, 10; Crow, 10; Fish Crow, 125; Cowbird, 50; Red-winged Blackbird, 100; Southern Meadowlark, 30; Florida Grackle, 100; Goldfinch, 4; Savannah Sparrow, 20; Sharp-tailed Sparrow, 15; Seaside Sparrow (subsp. ?), 1; White-throated Sparrow, 30; Chipping Sparrow, 15; Field Sparrow, 3; Song Sparrow, 12; Swamp Sparrow, 10; Fox Sparrow, 1; Towhee, 40; Cardinal, 15; Tree Swallow, 250; Loggerhead Shrike, 30; Myrtle Warbler, 25; Yellow-throated Warbler, 2; Palm and Yellow Palm Warblers, 60; Maryland Yellow-throat, 2; Pipit, 14; Mockingbird, 40; Catbird, 2; Brown Thrasher, 8; Carolina Wren, 6; House Wren, 5; Short-billed Marsh Wren, 8; Long-billed Marsh Wren (subsp. ?), 2; Brown-headed Nuthatch, 4; Tufted Titmouse, 10; Carolina Chickadee, 2; Ruby-crowned Kinglet, 12; Hermit Thrush, 3; Robin, 500; Bluebird, 25. Total, 83 species, about 5000 individuals. The 'caws' of the two varieties of Crows were distinctly heard. The palm thickets on Fort George Island rang with the song of the White-throated Sparrow like a Minnesota tamarack swamp in June. An Oven-bird was seen on Dec. 20, and a White-eyed Vireo was seen and heard singing lustily on the 16th.—SAM GRIMES.

Palma Sola, Fla.—Dec. 25; all day. Clear; light northerly winds; temp. 48° at 7 A.M., 56° at 5 P.M. Walk along shore of Tampa Bay in A.M.; through pine woods in P.M. Loon, 6; Herring Gull, 5; Laughing Gull, 20; Royal Tern, 35; Common Tern, 10; Florida Cormorant, 30; Brown Pelican, 16; Man-o'-War Bird, 6; Red-breasted Merganser, 11; Wood Ibis, 12; American Egret, 3; Snowy Egret, 7; Great Blue Heron, 8; Louisiana Heron, 12; Little Blue Heron, 10; Green Heron, 3; Yellow-crowned Night Heron, 15; Clapper Rail, 2; Semipalmated Sandpiper, 35; Least Sandpiper, 10; Sanderling, 20; Spotted Sandpiper, 4; Willet, 12; Black-bellied Plover, 14; Semipalmated Plover, 28; Ruddy Turnstone, 4; Florida Bob-white, 17; Mourning Dove, 15; Ground Dove, 30; Turkey Vulture, 6; Black Vulture, 100 (feeding on dead porpoise); Sharp-shinned Hawk, 2; Marsh Hawk, 2; Red-shouldered Hawk, 1; Sparrow Hawk, 4; Eagle, 3; Osprey, 2; Barn Owl, 1; Florida Screech Owl, 3; Great Horned Owl, 2; Belted Kingfisher, 2; Red-cockaded Woodpecker, 2; Red-bellied Woodpecker, 6; Southern Flicker, 6; Phoebe, 4; Florida Blue Jay, 12; Florida Jay, 1; Florida Redwing, 16; Florida Meadowlark, 15; Boat-tailed Grackle, 10; American Goldfinch, 50; Savannah Sparrow, 8; Florida Grasshopper Sparrow, 2; Chipping Sparrow, 20; White-eyed Towhee, 10; Florida Cardinal, 12; Loggerhead Shrike, 5; Myrtle Warbler, 25; Palm Warbler, 60; Prairie Warbler, 7; Yellow-throated Warbler, 2; Southern Yellow-throat, 4; Mockingbird, 18; Brown Thrasher, 1; Carolina Wren, 6; Marian Marsh Wren, 3; Catbird, 6; Blue-gray Gnatcatcher, 10; Robin, 200; Bluebird, 50. Total, 70 species, 1100 individuals.—CARLOS T. EARLE.

Pensacola, Fla.—Dec. 26; 6.30 A.M. to 5.30 P.M. Clear; no wind; temp. 36° at start, 50° at return. Distance, 50-mile round trip by car, 6 miles on foot, within 15 miles diameter.

Woods, fields, salt marsh, bay shore, and lagoon shore. Observers together. Horned Grebe, 9; Pied-billed Grebe, 6; Loon, 7; Herring Gull, 91; Ring-billed Gull, 16; Laughing Gull, 2; Bonaparte's Gull, 1; Black Skimmer, 20 (1 flock); Double-crested Cormorant, 1; Brown Pelican, 1; Red-breasted Merganser, 35 (1 flock); Lesser Scaup, 763 (includes flock of 500 est.); American Golden-eye, 16 (1 flock); Ward's Heron, 16 (may include Great Blue); Florida Clapper Rail, 2; Wilson's Snipe, 1; Sanderling, 10; Red-backed Sandpiper, 10; Black-bellied Plover, 12 (1 flock); Killdeer, 42; Piping Plover, 1; Mourning Dove, 12; Turkey Vulture, 1; Black Vulture, 8; Marsh Hawk, 1; Florida Red-shouldered Hawk, 2; Sparrow Hawk (var. ?), 6; Florida Screech Owl, 1; Great Horned Owl, 2; Belted Kingfisher, 2; Southern Hairy Woodpecker, 1; Yellow-bellied Sapsucker, 2; Red-headed Woodpecker, 3; Red-bellied Woodpecker, 4; Flicker (var. ?), 3; Whip-poor-will, 2; Phoebe, 6; Southern Blue Jay, 26; Crow (includes Common and Fish), 26; Red-winged Blackbird (var. ?), 77; Southern Meadowlark, 33; Rusty Blackbird, 20; Goldfinch, 45; Vesper Sparrow, 25; Savannah Sparrow, 2; White-throated Sparrow, 56; Chipping Sparrow, 7; Field Sparrow, 5; Song Sparrow (var. ?), 2; Swamp Sparrow, 7; Towhee (var. ?), 31; Cardinal, 9; Cedar Waxwing, 8; Loggerhead Shrike, 19; Blue-headed Vireo (var. ?), 3; Orange-crowned Warbler, 1; Myrtle Warbler, 114; Yellow-throated Warbler, 1; Pine Warbler, 21; Palm Warbler (var. ?), 26; Florida (?) Yellow-throat, 2; Pipit, 2; Mockingbird, 29; Brown Thrasher, 9; Carolina Wren, 1; House Wren (var. ?), 3; Brown Creeper, 1; Tufted Titmouse, 5; Carolina Chickadee, 7; Ruby-crowned Kinglet, 26; Blue-gray Gnatcatcher, 1; Hermit Thrush, 7; Robin (var. ?), 19; Bluebird, 13. Total, 74 species and subspecies, about 1806 individuals.—ROBERT C. MCCLANAHAN, FRANK A. SWINDELL, and FRANCIS M. WESTON.

Zephyrhills, Fla.—Dec. 24; 8.40 A.M. to 5.30 P.M. Clear; temp. at start 33°, on return 48°. By auto to two ponds north of town, then to Hillsboro River and to large pond south of town, near Knights, and return to Zephyrhills. Total distance by auto, 40 miles; total distance on foot at stopping places, 10 miles. Observers together, except for circuit of one pond. Pied-billed Grebe, 1; Anhinga, 2; Lesser Scaup, 4; American Bittern, 1; Ward's Heron, 2; American Egret, 4; Louisiana Heron, 4; Little Blue Heron, 14; Green Heron, 3; Purple Gallinule, 5; Florida Gallinule, 3; American Coot, 4; Wilson's Snipe, 5; Killdeer, 10; Florida Bob-white, 12; Mourning Dove, 104; Ground Dove, 12; Turkey Vulture, 4; Black Vulture, 8; Red-tailed Hawk, 1; Florida Red-shouldered Hawk, 1; American Sparrow Hawk, 3; Florida Barred Owl, 1; Belted Kingfisher, 2; Southern Hairy Woodpecker, 1; Yellow-bellied Sapsucker, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 2; Phoebe, 10; Florida Blue Jay, 13; Fish Crow, 5; Florida Red-winged Blackbird, 45; Meadowlark, 29; American Goldfinch, 4; Savannah Sparrow, 2; Chipping Sparrow, 12; Field Sparrow, 5; Song Sparrow, 1; Swamp Sparrow, 5; Towhee, 3; Cardinal, 5; Tree Swallow, 9; Loggerhead Shrike, 17; Blue-headed Vireo, 2; Myrtle Warbler, 23; Yellow-throated Warbler, 2; Pine Warbler, 3; Palm Warbler, 29; Prairie Warbler, 2; Florida Yellow-throat, 7; Mockingbird, 17; Catbird, 1; Brown Thrasher, 3; Florida Wren, 1; House Wren, 1; Tufted Titmouse, 5; Carolina Chickadee, 3; Ruby-crowned Kinglet, 3; Blue-gray Gnatcatcher, 6; Hermit Thrush, 4; Robin, 25; Bluebird, 28. Total, 62 species, 545 individuals.—FLORENCE BROOKS, CYRIL COCKRELL, BERYL T. MOUNTS, and LEWIS H. MOUNTS.

Battle Creek, Mich. (Urbādale; Dr. Kingsley's feeding-station; along Kalamazoo River to town, then east out Gorsline Road, to Bellevue-Marshall Road).—Dec. 22; 7 A.M. to 8 P.M. Cloudy, foggy at start; snow average 16 to 18 in. deep; wind moderate, east during afternoon; temp. 15° to 19°. Distance, 14 miles on foot, 13 by car. Bob-white, 14 (parts of 3 coveys); Ring-necked Pheasant, 1; Turkey Vulture, 1; Barred Owl, 2 (calling during afternoon in tamarack swamp); Screech Owl, 1; Great Horned Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 5; Flicker, 1; Blue Jay, 11; Crow, 18; American Goldfinch, 1; Pine Siskin, 35; Snow Bunting, 3; Tree Sparrow, 63; Slate-colored Junco, 3; Cardinal, 32; White-breasted Nuthatch, 7; Red-breasted Nuthatch, 1; Tufted Titmouse, 2 (last 2 species at feeding-station only); Black-capped Chickadee, 64. Total, 21 species, 267 individuals. Dec. 8, Ruffed Grouse

1. Dec. 15, Herring Gull, 5. Dec. 25, Marsh Hawk, 1. The Vulture was first observed in a tall dead tree, flying as soon as seen. It was a mammoth black bird, wing-spread about 6 feet, lower parts of primaries and secondaries lighter in color. Later, near the tree, body of dead horse was found.—DR. LAWRENCE H. WALKINSHAW.

Detroit, Mich. (Palmer Park, Ferndale and northwest Detroit, 8.30 to 11.30 A.M.; river front and Belle Isle, 12.30 to 3 P.M.).—Dec. 25. Mostly cloudy; 15 in. snow; wind light, southerly; temp. 35°; much ice in river. Horned Grebe, 1; Herring Gull, 41; American Merganser, 12; Red-breasted Merganser, 72; Hairy Woodpecker, 2; Downy Woodpecker, 2; Blue Jay, 31; Crow, 1; Starling, 10; White-breasted Nuthatch, 4; Chickadee, 4. Total, 11 species, 180 individuals.—RALPH BEEBE.

Jackson, Mich. (to Grass Lake and Munith).—Dec. 25; 7.30 A.M. to 2.30 P.M. Cloudy; 24 in. snow over coating of sleet; very light, shifting winds; temp. 25° to 31°. Observers on separate circuits making a total of 20 miles on foot. Bob-white, 12; Pinnated Grouse, 1; Ring-necked Pheasant, 20; Screech Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 5; Flicker, 1; Blue Jay, 12; Crow, 2; Goldfinch, 8; Snow Bunting, 315; Tree Sparrow, 43; Slate-colored Junco, 20; Song Sparrow, 1; Cardinal, 8; White-breasted Nuthatch, 6; Black-capped Chickadee, 54. Total, 17 species, 491 individuals. A female Pine Grosbeak was taken in the census area Dec. 19.—LEONARD W. WING, HAROLD F. WING, and MAURICE WING.

McMillan (Luce Co.), Mich.—Dec. 23. Overcast until about 1 P.M., snow the remainder of the day; very light north wind; temp. 6° to 28°. Observers separate, covering about 4 miles through fields, and wood of hemlock and hardwood. O. M. B. from 9 to 11 A.M. and 12.25 to 2.35 P.M.; D. F. from about 9.30 to 11.30 A.M. Ground covered with about an average of 20 in. snow. Observers on skis. Hairy Woodpecker, 1 (heard); Downy Woodpecker, 3; Evening Grosbeak, 1; Pine Grosbeak, 42 (1 flock); Snowflake, 37; Tree Sparrow, 1 (appears to be wintering and has been a customer at our feeding-stations off and on); White-breasted Nuthatch, 2; Black-capped Chickadee, 6. Total, 8 species, 93 individuals. Also about 16 English Sparrows. Scarcity of seed on cone-bearing trees such as birch, hemlock, fir, etc., is very likely the reason for a scarcity in birds this winter. Compare this census with the list and conditions of the census for this locality in 1928. Other notes of interest for this month, Blue Jay and Redpolls present but not so common nor abundant as last winter. Long-eared Owl, 1 (Dec. 2); Ruffed Grouse, 1 (Dec. 25); Northern Pileated Woodpecker, 1 (Dec. 9 and 26).—O. M. BRYENS and DAVID FRITZ.

Pewamo, Mich.—Dec. 26; 8 A.M. to 2 P.M. Cloudy; wind southwest, moderate; 14 in. snow; weed-heads covered with ice; temp. 22° to 33°. About 6 miles on foot, through upland deciduous growth and open fields. Covered same territory for third consecutive year. Hairy Woodpecker, 1; Downy Woodpecker, 7; Northern Pileated Woodpecker, 1 (observed with 4X glasses at 100 ft.; large size, scarlet crest, mode of flying, and characteristic *cuk, cuk* made identification positive); Red-bellied Woodpecker, 1 (coming daily to feeding-shelf); Flicker, 1; Blue Jay, 3; Crow, 10; Goldfinch, 2; Snow Bunting (heard); Cardinal, 1; White-breasted Nuthatch, 8; Chickadee, 6. Total, 11 species, 41 individuals. Species seen recently are Junco and Starling. Adverse weather conditions account for the general scarcity of bird-life.—EARL K. STUDDT.

Wyandotte, Mich. (Wyandotte to Grosse Ile, and northern part of Grosse Ile, south to Church Road).—Dec. 22; 9 A.M. to 3.30 P.M. Cloudy; snowing lightly in A.M.; wind light west to fresh northeast; about 14 in. snow; small streams frozen, Detroit River partly open; temp. 14° at start, 26° at return. About 10 miles on foot through woods, thickets, and fields, and along country roads and city streets. Poor visibility. Herring Gull, 3; Wild Duck (sp. ?), 2; Ring-necked Pheasant, 12; Sparrow Hawk, 1; Hawk (sp. ?), 3; Hairy Woodpecker, 2; Downy Woodpecker, 4 (heard 9 others); Blue Jay, 4; Crow, 1 (heard another); Meadowlark, 1; Tree Sparrow, 13; White-breasted Nuthatch, 2 (heard 3 others); Red-breasted Nuthatch, 3 (heard 2 others); Tufted Titmouse, 2; Black-capped Chickadee, 45+. Total, 15 species, about 112 individuals. Also English Sparrow, 125+. The Chickadees seemed more numerous than

ever before, but the Goldfinch, the Brown Creeper, the Bob-white, and the Slate-colored Junco were conspicuously absent.—JOSEPH G. LIPTOW.

Madison, Wis.—Dec. 26; 9 A.M. to 5 P.M. Cloudy; ground partly covered with snow; light west wind; temp. 27° at start, 36° at return. Distance, 40 miles by auto, 4 miles on foot, diameter 12 miles. Observers together. Pied-billed Grebe, 1; Bob-white, 15 (1 covey); Ruffed Grouse, 2 (together); Ring-necked Pheasant, 4 (together); Mourning Dove, 2 (a pair); Red-tailed Hawk, 1; Long-eared Owl, 1; Downy Woodpecker, 1; Hairy Woodpecker, 1; Red-headed Woodpecker, 1; Blue Jay, 30; Crow, 15; Starling, 3 (together); Pine Grosbeak, 2 (a pair); Purple Finch, 1; Goldfinch, 1; Tree Sparrow, 50; Junco, 20; Cardinal, 2 (a pair); White-breasted Nuthatch, 7; Chickadee, 4. Total, 21 species, about 165 individuals. The Grebe was watched for some time and showed no sign of injury. The Grosbeaks were on the ground within 60 feet. Redpolls were seen Dec. 21 by us; Evening Grosbeaks Dec. 26 by others.—JUDSON KEMPTON, WILLIAM OGDEN, JACKSON TURNER MAIN, and JOHN S. MAIN.

Lauderdale Lakes and vicinity near Elkhorn, Wis.—Dec. 26; 9.15 A.M. to 4 P.M. Partly cloudy; about 3 in. snow; wind southwest, brisk; temp. 32° at start, 38° at return. Seven or eight miles on foot. Mallard, 2; Wilson's Snipe, 3; Bob-white, 15+; Hairy Woodpecker, 2; Downy Woodpecker, 2; Blue Jay, 8; Crow, 22; Starling, 5; Red-winged Blackbird, 1; Tree Sparrow, 55+; Slate-colored Junco, 10; White-breasted Nuthatch, 3; Chickadee, 7. Total, 13 species, 135 individuals. A Cardinal has been at a neighbor's feeding-station since about Nov. 20, but was not seen by the observer while on the census trip.—ROBERT G. DUNBAR.

Southern Ozaukee Co., Wis.—Dec. 24; 8 A.M. to 3 P.M. Wind south-southwest, moderate; lightly overcast; snow on level 3 in.; ice-floes bordering Lake Michigan shore; temp. 15° at start, 27° at finish. Twelve miles on foot in three separate areas (reached by auto): Grafton, Milwaukee River gorge; Cedarburg Swamp and lakes; Port Washington, Lake Michigan shore and bluffs. Herring Gull, 200±; American Merganser, 2 (in river rapids); Hairy Woodpecker, 1; Downy Woodpecker, 3; Blue Jay, 15; American Crow, 1+ (heard); Pine Grosbeak, 1 (also on 22d); Redpoll, 40 (1 flock of 30 feeding on low ragweed); Slate-colored Junco, 15+ (2 flocks); Tree Sparrow, 2+ (heard call-notes but could not locate birds); Cardinal, 1; Black-capped Chickadee, 20+ (3 flocks); also 2 Ducks aloft, unidentified. Total, 12 species, about 303 individuals. Additional species seen on 22d: White-breasted Nuthatch, Pigeon (?) Hawk.—GILBERT RAASCH.

Watertown, Wis. (south through tamarack swamp then east to Rock River and back).—Dec. 26; 8 A.M. to 4 P.M. Cloudy; 3 in. of snow; south wind, light; temp. 34° at start, 37° at end. Fourteen miles on foot. Observers together. Bob-white, 2; Hungarian Partridge, 14; Ring-necked Pheasant, 3; Marsh Hawk, 1; Short-eared Owl, 5; Barred Owl, 2; Great Horned Owl, 1; Hairy Woodpecker, 4; Downy Woodpecker, 9; Crow, 63; Blue Jay, 4; Tree Sparrow, 16; Northern Shrike, 1; White-breasted Nuthatch, 10; Black-capped Chickadees, 34. Total, 15 species, 169 individuals. Dec. 24, Brown Creeper, 1; American Scaup, 3.—NORTH-WESTERN COLLEGE.

Frontenac, Minn. (from the town to Point-no-point to Sandy Point, back to the town, and by auto to Red Wing and across the river).—Dec. 26; 7.45 A.M. to 5 P.M. Clear; 2 in. of snow; moderate north wind in afternoon; temp. 30° to 45°. Twenty miles on foot, 12 miles by auto. Observers together except for three hours, then in two parties. Ruffed Grouse, 1; Ring-necked Pheasant, 2; Rough-legged Hawk, 1; Barred Owl, 1; Great Horned Owl, 1; Hairy Woodpecker, 9; Downy Woodpecker, 5; Red-headed Woodpecker, 6; Red-bellied Woodpecker, 10; Blue Jay, 27; Redpoll, 1; Goldfinch, 24; Tree Sparrow, 74; Slate-colored Junco, 8; Cardinal, 9; Brown Creeper, 3; White-breasted Nuthatch, 29; Black-capped Chickadee, 38; Robin, 1. Total, 19 species; 250 individuals. Recently seen: Pied-billed Grebe, 1 (presumably but not apparently injured). The Barred Owl and the Robin were seen near Point-no-point, and the Red-headed Woodpeckers were all seen across the river from Red Wing.—ALDEN RISSER,

STERLING BRACKETT, CHARLES EVANS, and EDWARD MCLEAN (Members of Minnesota Bird Club).

Harris, Minn.—Dec. 23; 9.30 A.M. to 4.30 P.M. Fair; 3 in. snow; little wind; temp. 0° to 20°. Harris and vicinity to Horse-shoe Lake. Twelve miles on foot and six by auto. Observers together. Ruffed Grouse, 1; Pileated Woodpecker, 1 (near North Branch); Downy Woodpecker, 1; Blue Jay, 5; Redpoll, 55; Chickadee, 8. Total, 6 species, 73 individuals.—GUSTAV SWANSON and VENZEL PETERSON.

Minneapolis, Minn. (W. River Road from Lake Street to Fort Snelling, Pike Island, and up Minnesota River).—Dec. 25; 9 A.M. to 5.15 P.M. Mostly clear; 3 in. snow; little wind; temp. 14° to 30°. Seventeen miles on foot. Observers together except for two hours. Wilson Snipe, 1; Bob-white, 7; Ring-necked Pheasant, 50; Great Horned Owl, 2; Hairy Woodpecker, 2; Downy Woodpecker, 8; Pileated Woodpecker, 1; Blue Jay, 21; Redpoll, 71; Northern Shrike, 1; Brown Creeper, 6; White-breasted Nuthatch, 13; Black-capped Chickadee, 35. Total, 13 species, 218 individuals.—GUSTAV SWANSON and CHARLES EVANS.

Minneapolis, Minn. (Lake Harriet, Minnehaha Creek, and Lake Cornelia).—Dec. 25; 7 A.M. to 2 P.M. and 5 to 6 P.M. Cloudy to partly cloudy; 3 in. snow; wind south, moderate; temp. 14° to 30°. Fourteen miles on foot. Ring-necked Pheasant, 24; Hairy Woodpecker, 3; Downy Woodpecker, 8; Red-headed Woodpecker, 2; Blue Jay, 34; Pine Grosbeak, 3; Purple Finch, 1; Redpoll, 3; Tree Sparrow, 3; Junco, 1; Brown Creeper, 2; White-breasted Nuthatch, 20; Chickadee, 18. Total, 13 species, 122 individuals.—E. D. SWEDENBORG.

Minneapolis, Minn. (Lake Harriet, Minnehaha Creek, and Edina Mills).—Dec. 26; 8.30 A.M. to 3.30 P.M. Clear; 3 in. snow; wind southeast, light; temp. 32° at start, 42° at return. Twelve miles on foot. Observers together. Pheasant, 6; Hairy Woodpecker, 1; Downy Woodpecker, 1; Pileated Woodpecker, 1; Red-headed Woodpecker, 1; Blue Jay, 41; Pine Grosbeak, 2; Goldfinch, 2; Redpoll, 1; Snow Bunting, 3; Tree Sparrow, 5; Junco, 1; Brown Creeper, 1; Nuthatch, 22; Chickadee, 11. Total, 15 species, 102 individuals.—MRS. E. D. SWEDENBORG and MRS. C. O. BJORE.

St. Paul, Minn. (University Farm, Como Park, and Mississippi River).—Dec. 24; 8.30 A.M. to 4.30 P.M. Cloudy, snowed intermittently; 3 in. snow; wind west, fresh; temp. 22° to 26°. Twelve miles on foot. Bob-white, 16; Pheasant, 9; Sparrow Hawk, 1; Hairy Woodpecker, 2; Downy Woodpecker, 1; Blue Jay, 16; Slate-colored Junco, 1; Northern Shrike, 1. Total, 8 species, 47 individuals.—J. KITTREDGE, JR.

St. Paul, Minn.—Dec. 26; 8 A.M. to 1 P.M. Clear; 3 in. snow; wind southwest, light; temp. 27° at start, 39° at return; 5½ miles on foot. Mound Park, State Fish Hatchery, surrounding woods, fields, and swamps. Wilson's Snipe, 3 (flushed at three different times; distinctly seen at 20 ft., *scaip* heard in each instance); Bob-white, 15 (1 covey); Ring-necked Pheasant, 8; Hairy Woodpecker, 3; Downy Woodpecker, 2; Blue Jay, 7; Crow, 3; Purple Finch, 2 (observed at 12 to 15 ft. with 8× binoculars, markings distinctly noted, as well as characteristic *click*); White-throated Sparrow, 5; Slate-colored Junco, 2; Northern Shrike, 1; White-breasted Nuthatch, 3; Black-capped Chickadee, 7. Total, 13 species, 61 individuals.—A. C. ROSENWINKEL.

Shakopee, Minn. (Minnesota River valley in vicinity of Shakopee).—Dec. 22; 1.30 to 5.30 P.M. Clear; 3 in. snow; little wind; temp. 11° at start, 7° at return. Seven miles on foot, 26 miles by auto. Observers together except for one hour. Ruffed Grouse, 1; Ring-necked Pheasant, 4; Barn Owl, 2; Great Horned Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 2; Blue Jay, 4; Redpoll, 150+; Goldfinch, 1; Tree Sparrow, 3; Cardinal, 1; Northern Shrike, 1; Brown Creeper, 1; White-breasted Nuthatch, 9; Black-capped Chickadee, 24. Total, 15 species, 206 individuals.—STANLEY and ERNEST STEIN, DONALD and LEANDER FISCHER.

Akron, Ohio.—Dec. 26; 10.45 A.M. to 2.30 P.M. Sun shining weakly through light clouds; 5 in. snow; strong south wind; temp. 30° at 10.45, 37° at 2.30. By auto to point 12 miles south of city, then 7 miles on foot. Bob-white, 37 (3 coveys); Downy Woodpecker, 5; Meadowlark, 1; Tree Sparrow, 280 (est.); Slate-colored Junco, 5; Song Sparrow, 5; Cardinal, 10; White-

breasted Nuthatch, 5; Tufted Titmouse, 10; Chickadee, 11. Total, 10 species, 369 individuals.—RUSKIN S. FREER.

Buckeye Lake, Ohio.—Dec. 28; 12.15 to 5.15 P.M. Cloudy; 2 in. snow; wind southwest, moderately light; temp. 33° at start, 30° at return. Lake frozen over. Four miles on foot, 5 miles by auto. Pied-billed Grebe, 1; Mallard, 11; Black Duck, 22; Lesser Scaup, 1; Snow Goose, 2; Canada Goose, 8; Bob-white, 18; Ring-necked Pheasant, 1; Mourning Dove, 14; Marsh Hawk, 2; Cooper's Hawk, 1; Goshawk, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 2; Sparrow Hawk, 17; Barn Owl, 2; Short-eared Owl, 1; Barred Owl, 1; Screech Owl, 3; Hairy Woodpecker, 4; Downy Woodpecker, 9; Red-headed Woodpecker, 22; Red-bellied Woodpecker, 2; Flicker, 1; Horned Lark, 4; Blue Jay, 11; Crow, 46; Starling, 108; Meadowlark, 2; Goldfinch, 2; Tree Sparrow, 305; Field Sparrow, 1; Slate-colored Junco, 34; Song Sparrow, 21; Swamp Sparrow, 1; Cardinal, 9; Mockingbird, 1; Carolina Wren, 3; Winter Wren, 1; Brown Creeper, 2; White-breasted Nuthatch, 5; Tufted Titmouse, 19; Carolina Chickadee, 22; Golden-crowned Kinglet, 2. Total, 44 species, 746 individuals.—MILTON B. TRAUTMAN.

Cadiz, Ohio.—Dec. 22; 10 A.M. to 4.45 P.M., except 90 minutes for lunch. Wind moderately light, northwest; 1 in. snow on ground; temp. 18° to 24°. By automobile to most likely places to find birds. Quail, 38; Red-tailed Hawk, 1; Sparrow Hawk, 2; Hairy Woodpecker, 1; Downy Woodpecker, 8; Red-bellied Woodpecker, 3; Blue Jay, 1; Crow, 5; English Starling, 25; Bronzed Grackle, 1; Tree Sparrow, 135; Slate-colored Junco, 44; Song Sparrow, 7; Cardinal, 9; Mockingbird, 1; Carolina Wren, 6; White-breasted Nuthatch, 11; Tufted Titmouse, 7; Chickadee, 19. Total, 19 species, 324 individuals.—HARRY B. MCCONNELL, JOHN G. WORLEY, L. MILTON RONSHEIM and MILTON MCC. RONSHEIM.

Canton, Ohio (west and northwest).—Dec. 25; 8.30 A.M. to 5 P.M. Cloudy all day, snowflurries in morning; 4 in. snow; wind south, light; temp. 22° at start, 30° at return. Nine miles on foot. Bob-white, 45 (3 coveys); Downy Woodpecker, 11; Blue Jay, 3; Lapland Longspur, 8; Tree Sparrow, 285; Slate-colored Junco, 50; Song Sparrow, 4; Cardinal, 19; Carolina Wren, 2; Brown Creeper, 1; White-breasted Nuthatch, 7; Tufted Titmouse, 3; Chickadee, 12. Total, 13 species, about 450 individuals. The Lapland Longspur rare here, was observed with 5× glasses at 12 ft.; blackish head, throat, and breast, white belly, streaked sides, and yellow of bill noted.—EDWARD D. KIMES.

Columbus, Ohio (north and west of Columbus; walk 5 miles up Olentangy River, drive over to O'Shaughnessy Hills, then down the Scioto River).—Dec. 21; 8 A.M. to 3 P.M. Clear; 3 in. snow on ground; wind west; temp. 7° at start, 20° at return. Observers separate in the morning, together in the afternoon. Twelve miles on foot, 30 in car. Bob-white, 62 (5 coveys); Ring-necked Pheasant, 2; Mourning Dove, 14; Marsh Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 3; Belted Kingfisher, 2; Downy Woodpecker, 6; Red-bellied Woodpecker, 1; Flicker, 2; Blue Jay, 1; Crow, 18; Starling, 11; Meadowlark, 3; Goldfinch, 13; Tree Sparrow, 174; Junco, 50; Song Sparrow, 116; Cardinal, 73; Carolina Wren, 4; Winter Wren, 1; Brown Creeper, 6; White-breasted Nuthatch, 9; Tufted Titmouse, 8; Carolina Chickadee, 1; Golden-crowned Kinglet, 2. Total, 26 species, 594 individuals.—MARGARET M. NICE and L. B. NICE.

Columbus, Ohio.—Dec. 22; 8 A.M. to 5 P.M. Hazy, calm; heavy clouds in P.M.; ground frozen; 2 in. snow; wind northwest in A.M., northeast in P.M.; temp., max. 24°, min. 16°. Four parties of two, three, and three observers, covering portions of streams and wood-patches in southeastern quarter of Franklin County. Scioto River recently out of its banks and bottoms ice-covered. American Merganser, 2; Black Duck, 6; Bob-white, 106 (9 coveys); Ring-necked Pheasant, 6; Mourning Dove, 49; Marsh Hawk, 24; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Bald Eagle, 1; Sparrow Hawk, 27; Barn Owl, 6; Barred Owl, 1; Screech Owl, 3; Hairy Woodpecker, 9; Downy Woodpecker, 65; Red-headed Woodpecker, 42 (1 colony); Red-bellied Woodpecker, 8; Flicker, 20; Horned Lark, 201 (all examined were referred to *alpestris*); Blue Jay, 11; Crow, 1122; Starling, 1867; Meadowlark, 32; Bronzed Grackle, 5; Goldfinch, 5; Snow Bunting, 20; Tree Sparrow, 1069; Field Sparrow, 2; Junco, 254; Song Sparrow, 263; Swamp Sparrow, 1; Cardinal,

153; Mockingbird, 1; Carolina Wren, 28; Winter Wren, 15; Brown Creeper, 53; White-breasted Nuthatch, 62; Tufted Titmouse, 137; Carolina Chickadee, 78; Golden-crowned Kinglet, 46. Total, 42 species, 5802 individuals. The Bald Eagle, Snow Bunting, and Field Sparrow appear on the list for the first time, although all have been seen previously in mid-winter.—FLOYD B. CHAPMAN, JOHN S. DOUGLASS, ROBERT B. GORDON, JOHN C. HARLOR, LAWRENCE E. HICKS, ROBERT KAVANAGH, F. DALE PONTIUS, EDWARD S. THOMAS, JOHN S. THOMAS, CHARLES F. WALKER and GEORGE WOLFRAM (Wheaton Club).

Dayton, Ohio.—Dec. 26; 9.30 A.M. to 4.30 P.M. Clear; ground snow-covered; streams largely open; wind south, light; temp. 20° to 40°. Observers in six parties, covering about 25 miles on foot and 50 to 60 miles in autos. Carmonte, Delco Dell, Upper Dayton View, Turner Road, Wilmington Pike, Berkley Heights, Sinclair Park, Taylorsville Dam, along river through city. Herring Gull, 5; American Merganser, 14; Hooded Merganser, 1; Mallard, 250; Black Duck, 200; Pheasant, 1; Bob-white, 50; Red-tailed Hawk, 1; Sparrow Hawk, 2; unidentified Hawks, 4; Downy Woodpecker, 10; Hairy Woodpecker, 3; Flicker, 1; Blue Jay, 2; Crow, 60; Grackle, 30; Starling, 117; Meadowlark, 2; Goldfinch, 5; Tree Sparrow, 291; Junco, 86; Song Sparrow, 63; Tufted Titmouse, 21; Chickadee, 73; Cardinal, 35; Carolina Wren, 2; Brown Creeper, 2; White-breasted Nuthatch, 9; Golden-crowned Kinglet, 4. Total, 29 species, 1344 individuals.—MRS. J. R. LEHMAN, MRS. JORDAN, FLORENCE CLIPPINGER, LOUIS KOLTER, MRS. MASON PRUGH, MRS. CHAS. NOGGLE, MRS. CHAS. ROCKEY, MRS. B. J. BLINCOE, and BEN. J. BLINCOE (Dayton Audubon Society).

Deersville, Ohio.—Dec. 25; 11 A.M. to 3.30 P.M. 6 in. snow; light, southeast wind; cloudy; temp. 32°. One and a half to 2 miles in four directions. Screech Owl, 1; Downy Woodpecker, 1; Northern Flicker, 1; European Starling, 10; Snow Bunting, 12; Tree Sparrow, 30; Junco, 20; Song Sparrow, 6; Cardinal, 46; Carolina Wren, 3; Winter Wren, 2; Brown Creeper, 1; White-breasted Nuthatch, 5; Titmouse, 7; Chickadee, 8.—VERA CARROTHERS.

Fredericktown, Ohio.—Dec. 24; 7.30 A.M. to 6 P.M. Heavy clouds in A.M., hazy in P.M.; light wind; temp. 16° to 25°; 5 in. snow, making it impossible to cover as much territory on foot as in former years; trees covered with a thick layer of ice; streams open. Birds quiet and inactive. Twelve miles on foot and 90 miles by auto along the north, west and south branches of the Kokosing River from Mt. Vernon to Ankenytown and through fields and woods of the intervening territory. Bob-white, 26 (in small groups of five or less and found only in the vicinity of farm buildings); Pheasant, 2; Mourning Dove, 10; Marsh Hawk, 2; Sharp-shinned Hawk, 3; Cooper's Hawk, 6; Goshawk, 2; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; Pigeon Hawk, 1; Sparrow Hawk, 2; Barn Owl, 1; Screech Owl, 1; Belted Kingfisher, 1; Hairy Woodpecker, 9; Downy Woodpecker, 64; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 53; Flicker, 5; Horned Lark, 11; Blue Jay, 19; Crow, 68; Starling, 118; Cowbird, 8; Meadowlark, 1; Goldfinch, 1; Tree Sparrow, 296; Slate-colored Junco, 71; Song Sparrow, 129; Cardinal, 58; Carolina Wren, 12; Winter Wren, 2; Brown Creeper, 47; White-breasted Nuthatch, 51; Tufted Titmouse, 99; Carolina Chickadee, 19; Golden-crowned Kinglet, 2; Robin, 1. Total, 38 species, 1210 individuals.—LAWRENCE E. HICKS.

Hamilton, Ohio.—Dec. 25; 8.30 A.M. to 1.30 P.M. Cloudy and snowing hard at start, later clearing; about 3 in. snow on ground; wind west to southwest, brisk; temp. 30° at start, 28° at return; visibility poor and birds very quiet the first few hours. About 8 miles on foot along Miami River, in open fields and woods. Observers together. Herring Gull, 2; Mallard, 1; Bob-white, 22. (2 coveys); Marsh Hawk, 1; Sparrow Hawk, 2; Hairy Woodpecker, 2; Downy Woodpecker, 9; Flicker, 6; Horned Lark, 9; Crows, 2000 (est.); Meadowlark, 3; Tree Sparrow, 80+; Junco, 65; Song Sparrow, 21; Swamp Sparrow, 36; Towhee, 1 (heard); Cardinal, 12; Winter Wren, 3; Brown Creeper, 3; White-breasted Nuthatch, 1; Tufted Titmouse, 14; Chickadee, 35; Golden-crowned Kinglet, 5. Total, 23 species, 2321+ individuals.—FRANK HARBAUM and ANDREW CROW.

Indian Lake (Logan Co.), Ohio.—Dec. 24; 7.15 A.M. to 6.45 P.M. Partly cloudy, 8 to 10

in. snow on the level, drifted; strong southwest wind; temp. 19° at start, 23° at return. Herring Gull, 17; Ring-billed Gull, 1; American Merganser, 1; Mallard, 1; Canada Goose, 17; Bob-white, 135 (9 coveys); Ring-necked Pheasant, 1; Hungarian Partridge, 8 (1 covey); Mourning Dove, 1; Marsh Hawk, 3; Cooper's Hawk, 3; American Goshawk, 1; Red-shouldered Hawk, 1; Screech Owl, 1; Hairy Woodpecker, 6; Downy Woodpecker, 15; Red-bellied Woodpecker, 2; Flicker, 1; Prairie Horned Lark, 1; Blue Jay, 5; Crow, 15; Red-winged Blackbird, 2; Rusty Blackbird, 61 (1 flock); American Goldfinch, 2; Tree Sparrow, 187+ (9 flocks); Slate-colored Junco, 41; Song Sparrow, 71; Swamp Sparrow, 1; Towhee, 1; Cardinal, 30; Myrtle Warbler, 1; Carolina Wren, 3; Brown Creeper, 8; White-breasted Nuthatch, 23; Red-breasted Nuthatch, 1; Tufted Titmouse, 21; Black-capped Chickadee, 27; Carolina Chickadee, 1; Golden-crowned Kinglet, 3; Robin, 1. Total, 40 species, 722+ individuals. The Ring-billed Gull was seen at close range with the Herring Gull, showing smaller size and dark ring around the bill. Swamp Sparrow was feeding on the edge of a cattail swamp with 4 Song Sparrows. Myrtle Warbler was feeding with a small flock of Chickadees and Titmice in a sheltered wood-lot, back of Long Island. A Carolina Chickadee in a flock of Black-caps, observed at a distance of about ten feet in close comparison. The absence of Carolinas this winter is striking as they are usually in a ratio of about 2 out of 5.—L. C. MILLS.

Lancaster, Ohio (around the outskirts of the city).—Dec. 22; 8.30 A.M. to 5 P.M. Cloudy; 1 in. snow; west wind, very light; temp. 20° at start, 19° at return. Ten miles on foot. Observers apart. Quail, 67 (4 coveys); Mongolian Pheasant, 1; Mourning Dove, 5; Red-tailed Hawk, 1; Sparrow Hawk, 2; Northern Downy Woodpecker, 7; Flicker, 3; Blue Jay, 5; American Crow, 1; Starling, 87; Meadowlark, 7; American Goldfinch, 8; Tree Sparrow, 188; Slate-colored Junco, 189; Song Sparrow, 55; Cardinal, 47; Carolina Wren, 2; Winter Wren, 1; Brown Creeper, 5; White-breasted Nuthatch, 6; Tufted Titmouse, 23; Carolina Chickadee, 32; Robin, 1. Total, 23 species, 749 individuals.—CHAS. R. GOSLIN and ROBERT M. GOSLIN.

Painesville, Ohio.—Dec. 22; 9 A.M. to 3 P.M. Cloudy; 3 in. crusty snow; quiet; temp. about 26°. About 7 miles on foot. Herring Gull, 4; American Merganser, 6; Ring-necked Pheasant, 3; Sparrow Hawk, 2; Downy Woodpecker, 6; Hairy Woodpecker, 1; Flicker, 1; Blue Jay, 4; Starling, 60+; Evening Grosbeak, 5; Tree Sparrow, 10; Song Sparrow, 3; Cardinal, 12; White-breasted Nuthatch, 3; Chickadee, 12; Tufted Titmouse, 2; Carolina Wren, 2. Total, 17 species, 134 individuals. The Evening Grosbeaks have been visiting a box elder tree daily since Dec. 10.—E. A. DOOLITTLE.

Portsmouth, Ohio.—Dec. 25; 8.30 A.M. to 4.30 P.M. Heavy, overcast with a light covering of snow A.M., snowing and very disagreeable P.M.; temp. 24°. Ten miles on foot and 30 by auto over hills, along river, and through waste fields. Observers together. Bob-white, 10; Mourning Dove, 9; Marsh Hawk, 1; Hawk (sp. ?), 1; Sparrow Hawk, 5; Hairy Woodpecker, 4; Downy Woodpecker, 8; Red-bellied Woodpecker, 3; Flicker, 5; Horned Lark, 2; Blue Jay, 6; Crow, 1200 (est.); Starling, 120; Cowbird, 35; Meadowlark, 11; Purple Finch, 12; Goldfinch, 55; Tree Sparrow, 350; Slate-colored Junco, 250; Song Sparrow, 70; Towhee, 10; Cardinal, 60; Carolina Wren, 9; Winter Wren, 1; Brown Creeper, 1; White-breasted Nuthatch, 5; Tufted Titmouse, 14; Carolina Chickadee, 13; Golden-crowned Kinglet, 1. Total, 29 species, 2175 individuals. Tree Sparrows and Slate-colored Juncos were by far more plentiful than ever seen on any previous census.—CONRAD ROTH and ROBERT H. MCCORMICK.

Toledo, Ohio (State Hospital to Ottawa Park and Albion Woods, Bay View Park through lake marshes to Lakeside, Mich.).—Dec. 21; 9 A.M. to 5 P.M. Dull during A.M., clearing during P.M.; 10 in. snow; wind variable; temp. 15° at start, 17° at return. Total, 30 miles on foot. Observers separate. Herring Gull, 81; Baldpate, 7; Black Duck, 50; Pintail, 1; Greater Scaup, 3; Red-breasted Merganser, 30 (studied with 8X glasses at thirty yards); Quail, 23 (2 coveys); Marsh Hawk, 6; Downy Woodpecker, 13; Hairy Woodpecker, 1; Prairie Horned Lark, 40; American Crow, 14; Blue Jay, 3; Cowbird, 1 (late); Starling, 15; American Goldfinch, 8; Snowflake, 50 (est.); Cardinal, 11; Slate-colored Junco, 13; Song Sparrow, 17; Tree Sparrow, 800 (est.); Brown Creeper, 1; Red-breasted Nuthatch, 2; White-breasted Nuthatch, 1;

Black-capped Chickadee, 34; Tufted Titmouse, 16. Total, 26 species; about 1246 individuals. Also English Sparrows, abundant.—REEVE and JOE BAILEY.

Toledo, Ohio (Ottawa Park and portion of Ten Mile Creek Valley).—Dec. 25; 1 to 5 P.M. Cloudy; 8 in. snow; wind west, light; temp. 36° at start, 34° at return. Four miles on foot. Herring Gull, 5; Bob-white, 14 (1 covey); Ring-necked Pheasant, 3; Red-tailed Hawk, 1 (imm.); Red-shouldered Hawk, 1; Barred Owl, 1; Downy Woodpecker, 2; Prairie Horned Lark, 4; Starling, 15; Purple Finch, 7; American Goldfinch, 4; Snowflake, 16; Tree Sparrow, 20; Song Sparrow, 12; Chewink, 1; Cardinal, 20; Carolina Wren, 1; Brown Creeper, 3; White-breasted Nuthatch, 2; Tufted Titmouse, 10; Black-capped Chickadee, 8. Total, 21 species, 150 individuals. Note absence of Blue Jay, Crow, and Junco!—LOUIS W. CAMPBELL.

Xenia, Ohio.—Dec. 24; 8.30 A.M. to 12.40 P.M., 2.20 to 5.15 P.M. Clear in forenoon, partly cloudy in afternoon; 4 in. snow; wind southwest, light to brisk; temp. 18° at start, 26° at return. Four miles along Little Miami River; 1½ miles across meadow and stalk field; 1½ miles wooded upland; 7 miles on foot. Observers together. Canada Goose, 13; Mallard, 5; Bob-white, 26 (2 coveys); Ring-necked Pheasant, 3; Mourning Dove, 1; Marsh (?) Hawk, 1; Hairy Woodpecker, 4; Downy Woodpecker, 4; Red-bellied Woodpecker, 3; Horned Lark, 60; Blue Jay, 1; Crow, 32; Tree Sparrow, 16; Junco, 28; Song Sparrow, 17; Cardinal, 6; Carolina Wren, 7; Brown Creeper, 5; Nuthatch, 5; Tufted Titmouse, 10; Chickadee, 11. Total, 21 species, 258 individuals.—HELEN ANKENY and CLARA MCCALMONT.

Youngstown, Ohio (Mill Creek and Yellow Creek Valleys).—Dec. 25; 8 A.M. to 4.30 P.M. Cloudy; wind west, light; 6 in. snow; temp. 25° at start, 32° at return. Observers in separate groups. Bob-white, 17 (2 coveys); Ring-necked Pheasant, 3; Marsh Hawk, 1; Red-shouldered Hawk, 2; Sparrow Hawk, 6; Screech Owl, 3; Belted Kingfisher, 3; Hairy Woodpecker, 11; Downy Woodpecker, 52; Red-bellied Woodpecker, 3; Northern Flicker, 2; Blue Jay, 18; Crow, 3; Starling, 4; Meadowlark, 5; Tree Sparrow, 308; Slate-colored Junco, 5; Song Sparrow, 23; Cardinal, 26; Carolina Wren, 1; Winter Wren, 2; Brown Creeper, 1; White-breasted Nuthatch, 72; Tufted Titmouse, 12; Chickadee, 89; Golden-crowned Kinglet, 11. Total, 26 species, 683 individuals.—GEORGE L. FORDYCE, including lists of GRANT M. COOK, E. C. DRESSER, C. A. LEEDY, E. C. MINICH, AMOS O. MELLINGER, WILLIS H. WARNER, and H. W. WEISGARBER.

Carlisle, Ind.—Dec. 26; 10.20 A.M. to 4.30 P.M. Clear; melting snow; medium south wind; temp. 45° at start, 48° at return. Five and one-half miles on foot. Walk through open country. Bob-white, 9; Mourning Dove, 23; Screech Owl, 1; Downy Woodpecker, 5; Red-headed Woodpecker, 1; Red-bellied Woodpecker, 2; Horned Lark, 200 (observed in great numbers feeding with hogs); Crow, 15; Meadowlark, 21; Tree Sparrow, 100; Slate-colored Junco, 75; Song Sparrow, 7; Cardinal, 5; Winter Wren, 1. Total, 14 species, 465 individuals.—JAMES H. and ELIZABETH C. GILLILAND.

Indianapolis, Ind. (Riverside Park and vicinity).—Dec. 24; 8 A.M. to 3.30 P.M. Cloudy; ½ in. snow; wind from south, moderate; temp. 15° to 20°. About 5 miles on foot. Observer alone. Marsh Hawk, 1; Sparrow Hawk, 1; Downy Woodpecker, 15; Crow, 3; Bronzed Grackle, 1; Goldfinch, about 30 (1 flock); Pine Siskin, about 30 (1 flock); Tree Sparrow, about 100 (3 flocks); Slate-colored Junco, about 125 (4 flocks); Song Sparrow, 17; Towhee, 1; Cardinal, 20; Carolina Wren, 1; Brown Creeper, 8; White-breasted Nuthatch, 4; Tufted Titmouse, 3; Black-capped Chickadee, 2; Golden-crowned Kinglet, 8. Total, 18 species, about 370 individuals. 8X glasses used. Marsh Hawk observed at 100 yards and more; white rump easily observed as the bird flew low over the fields. Siskins feeding on cones of alder, observed at 30 feet. Carolina Wren near a bunch of dead leaves collected in a tree, observed at 30 feet; call notes heard and recognized.—THEODORE M. SPERRY.

Indianapolis, Ind. (Warfleigh Addition along White River, Williams Creek area and Riverside Park along White River).—Dec. 25; 11.30 A.M. to 3.30 P.M. Cloudy; 5 in. snow; wind light, steady; temp. about 20°. Four miles on foot and 5 miles by auto. Observers together. Lesser Scaup, 1; Belted Kingfisher, 3; Downy Woodpecker, 3;

Crow, 8; Goldfinch, 10; Tree Sparrow, 15; Slate-colored Junco, 10; Song Sparrow, 14; Cardinal, 15; Carolina Wren, 5; Brown Creeper, 6; White-breasted Nuthatch, 5; Tufted Titmouse, 13; Black-capped Chickadee, 5. Total, 14 species, 113 individuals.—MR. and MRS. A. P. THOMAS and S. E. PERKINS, III.

Indianapolis, Ind.—(northeast of Indianapolis, from 38th Street and Fall Creek, ending at Woollen's Gardens of Birds and Botany; through timber, over open fields and along byways).—Dec. 22; 11 A.M. to 3.30 P.M. Cloudy; ground covered with snow; temp. about 30°. Eight miles on foot. Observers together. Bob-white, 15 (1 covey); Downy Woodpecker, 4; Blue Jay, 1; Crow, 10; Tree Sparrow, 160; Slate-colored Junco, 44; Song Sparrow, 27; Cardinal, 2; Carolina Wren, 4; White-breasted Nuthatch, 4; Tufted Titmouse, 3; Black-capped Chickadee, 6. Total, 12 species, about 280 individuals.—JAMES E. COOK, MARGARET R. KNOX, LUCY BALCOM, and DOROTHY V. SIEGEL.

Indianapolis, Ind.—Dec. 22; 9 A.M. to 4.30 P.M. Weather fair but at times cloudy in the morning, cloudy in the early afternoon with light snow falling, heavy snow and cold winds in the middle and latter part of the afternoon; ground covered by two to four inches of snow and the river full of moving ice; temp. about 15° in the morning, 25° at noon, and 12° in the late afternoon. Route taken: Riverside Park south of 30th Street along White River on the west side, then along the towpath from the 30th Street bridge on the east side of the river to the Northwestern bridge; from there to Bacon's Swamp and to William's Creek and White River north of Broad Ripple Park. Distance, 12 miles on foot, 12 miles by automobile. Area covered within a six-mile radius in north Indianapolis. Observers together most of the time, but separated into two groups on several occasions. Merganser, 7; Quail, 18 (2 coveys, one of 12 and the other of 6); Red-shouldered Hawk, 1; Kingfisher, 1; Hairy Woodpecker, 1; Downy Woodpecker, 39; Flicker, 1; Prairie Horned Lark, 8 (in 1 flock); Blue Jay, 1; Crow, 29; Red-winged Blackbird, 1 (female); Bronzed Grackle, 6 (very scarce this year); Goldfinch, 3; Tree Sparrows, 129 (1 flock of 32 and the rest in smaller flocks); Slate-colored Junco, 182 (50 in the largest flock); Song Sparrow, 87 (very common); Towhee, 2 (male calling and female frozen to death near him); Cardinal, 136 (1 flock of 25); Carolina Wren, 5 (several singing); Winter Wren, 1; Brown Creeper, 7; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 1; Tufted Titmouse, 16; Black-capped Chickadee, 21; Golden-crowned Kinglet, 20 (more numerous than last year). Total, 26 species, 739 individuals. The caretaker of Riverside who accompanied us a short distance, reported having seen a large Owl (probably a Barred Owl), a Screech Owl, and a Blue Hawk—the description of which proved it to be either a Cooper's or a Sharp-shinned Hawk. These were seen earlier the same day. One male melanistic Cardinal was observed, with jet-black body, a little lighter on back, wings black with very faint tinge of pink, tail above and below black about half-way with outer tail of normal red color, forehead jet-black, forepart of crest jet-black and rest of crest of normal color.—FREDERICK H. TEST, FREDERICK BAUMGARTNER, REXFORD F. DAUBENMIRE, O. C. DURHAM, and SIDNEY R. ESTEN (for the Indiana Conservation Department and the National Association of Audubon Societies).

LaFontaine, Ind.—Dec. 22; 9 A.M. to 1 P.M. Clear; 11 in. snow; 17° at start, 25° at finish. A trip of about 6 miles on foot. Observers together. American Merganser, 2; Wild Ducks (unidentified), 30; Bob-white, 11; Turtle Dove, 4; Red-tailed Hawk (?), 1; Hairy Woodpecker, 1; Downy Woodpecker, 6; Blue Jay, 1; Crow, 80; Horned Lark, 14; Goldfinch, 5; Lapland Longspur, 30; Tree Sparrow, 65; Slate-colored Junco, 38; Song Sparrow, 13; Cardinal, 5; Brown Creeper, 1; White-breasted Nuthatch, 4; Tufted Titmouse, 8; Black-capped Chickadee, 2. Total, 20 species, 321 individuals. Also English Sparrow, 5. The Horned Larks and Lapland Longspurs were examined at distances of less than 30 feet with 6× glasses. Black on side of head and yellow throat of former clearly noted and rufous nape, striped sides, and white tail feathers of latter, as well as other points. Mergansers seen within 25 feet.—BYRON TROYER, EUGENE TROYER, and RALPH TROYER.

Muncie, Ind.—Dec. 25; 7.30 A.M. to 1.30 P.M., 2.30 to 5 P.M. Snowing, followed by cloudiness

in snow, deeper drifts; wind west, light; temp. 23° at start, 26° at return. Fifteen miles on foot, 50 by automobile. Observers together. Bob-white, 4 (1 covey); Mourning Dove, 1; Marsh Hawk, 3; Rough-legged Hawk, 1; Barred Owl, 2; Hairy Woodpecker, 2; Downy Woodpecker, 6; Blue Jay, 1; Crow, 14; Starling, 20; Red-winged Blackbird, 1; Bronzed Grackle, 9; Tree Sparrow, 193; Slate-colored Junco, 12; Song Sparrow, 68; Cardinal, 6; Carolina Wren, 2; Brown Creeper, 1; White-breasted Nuthatch, 8; Tufted Titmouse, 16; Chickadee, 12. Total, 21 species, 382 individuals.—CHARLES W. SHERRITT and HAROLD A. BERMAN.

Athens, Ill.—Dec. 22; 7 A.M. to 4.30 P.M. Clear; 6 in. snow; calm; temp. 1° to 29°. Bob-white, 127; Ring-necked Pheasant, 10; Mourning Dove, 1; Red-tailed Hawk, 3; Rough-legged Hawk, 3; Screech Owl, 2; Great Horned Owl, 2; Hairy Woodpecker, 2; Downy Woodpecker, 1; Red-bellied Woodpecker, 7; Flicker, 1; Blue Jay, 11; Crow, 263; Goldfinch, 7; Tree Sparrow, 162; Slate-colored Junco, 174; Song Sparrow, 13; Cardinal, 58; White-breasted Nuthatch, 8; Tufted Titmouse, 21; Chickadee, 29; Golden-crowned Kinglet, 10. Total, 22 species, 928 individuals.—WATSON HALL.

Chicago, Ill. (Rogers Park to Niles Center to Winnetka and return).—Dec. 25; 7.40 to 10 A.M., 1 to 4 P.M. Cloudy; 1 to 3 ft. snow; light northwest wind; temp. 24° at start, 29° at return. About 25 miles by auto, and 3 miles on foot. Herring Gull, 100; Ring-billed Gull, 1; Merganser, 20; Red-breasted Merganser, 2; Golden-eye, 25; Old Squaw, 80; Pheasant, 2; Red-tailed Hawk, 1; Sparrow Hawk, 1; Screech Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 1; Crow, 8; Starling, 100 (1 flock); Pine Grosbeak, 4; Goldfinch, 1; Tree Sparrow, 12; Junco, 3; Song Sparrow, 1; Cardinal, 2; Chickadee, 6; Robin, 1. Total, 23 species, about 558 individuals. The large flock of Starlings was found in a cemetery at Niles Center, where I first saw them about a week ago. The Pine Grosbeaks were very tame and showed an approach to within 10 feet as they fed upon some red berries, upon which the Robin was feeding. They were all in female plumage, yellowish head and rump, gray back and underparts noted. At intervals they uttered a single soft clear note.—CLARENCE O. PALMER.

Marion, Ill.—Dec. 25; 6 A.M. to 6 P.M. Four inches of snow on ground; sky slightly overcast; light west wind; temp. 36° at start, 36° at return. Along Crab Orchard Creek to Marion Reservoir in forenoon. Along South Fork of Saline Creek in afternoon. About 10 miles by auto and about 20 miles on foot. Bob-white, 20; Marsh Hawk, 1; Cooper's Hawk, 1; Red-shouldered Hawk, 2; Red-shouldered Hawk, 4; Sparrow Hawk, 1; Barred Owl, 3; Hairy Woodpecker, 2; Downy Woodpecker, 15; Yellow-bellied Sapsucker, 2; Pileated Woodpecker, 31; Red-headed Woodpecker, 9; Red-bellied Woodpecker, 20; Flicker, 12; Prairie Horned Lark, 1; Blue Jay, 20; Crow, 30; Cowbird, 10; Red-winged Blackbird, 20; Meadowlark, 15; Purple Finch, 1; Goldfinch, 60; White-throated Sparrow, 3; Tree Sparrow, 150; Slate-colored Junco, 1; Song Sparrow, 75; Swamp Sparrow, 15; Towhee, 3; Cardinal, 25; Migrant Shrike, 1; Kingbird, 3; Carolina Wren, 20; Bewick's Wren, 1; Brown Creeper, 5; Tufted Titmouse, 1; Carolina Chickadee, 50; Robin, 2; Bluebird, 3. Total, 38 species, about 932 individuals.—FRANK QUINDRY.

Marshall, Ill.—Dec. 23; 8.15 A.M. to 12.45 P.M. Clear; 8 in. snow on the ridges, deep drifts elsewhere; no wind; mildly sunny after 10 o'clock; temp. 9° at start, 20° at return. About 5 miles on foot, over meadows and broken land, through woods, and along ravines. Observers together. Mourning Dove, 3; Sparrow Hawk, 1; Downy Woodpecker, 1; Red-bellied Woodpecker, 4; Flicker, 3; Blue Jay, 10; Crow, 11; Cowbird, 1; Meadowlark, 3; Grackle, 1; Goldfinch, 20; Tree Sparrow, 12; Junco, 175; Song Sparrow, 1; Cardinal, 15; Tufted Titmouse, 7; Black-capped Chickadee, 4. Total, 17 species, 272 individuals. Both Cowbird and Grackle were seen distinctly with glasses at close range for several minutes.—C. C. DAWSON and E. DAWSON.

Mattoon, Ill.—Dec. 23; 8 A.M. to 1 P.M. Clear to cloudy, frosty; ground covered with 8 in. of snow; wind southwest, moderate; temp. 18° average. (Nov. 28 to Dec. 4, heavy

snows with sub-zero temp.; Dec. 5 to Dec. 17, warm, constantly foggy; Dec. 18, blizzard subsequently zero plus temp.) Four miles through open woods and fields. Observers together. American Rough-legged Hawk, 1; Sparrow Hawk, 3; Hairy Woodpecker, 3; Downy Woodpecker, 5; Red-headed Woodpecker, 2; Red-bellied Woodpecker, 2; Flicker, 7; Prairie Horned Lark, 150±; Blue Jay, 18; Crow, 28; Cowbird, 1; Lapland Longspur, 50±; Tree Sparrow, 200±; Junco, 200±; Song Sparrow, 5; Cardinal, 8; White-breasted Nuthatch, 2; Tufted Titmouse, 2. Total, 18 species, about 687 individuals. Mourning Doves, Meadow Larks, and Crossbills reported from the same territory on previous days. Robins and Bronzed Grackles noted until blizzard.—GEORGE E. and SIDNEY E. EKBLAW.

Rockford, Ill.—Dec. 26; 9 A.M. to 4.30 P.M. Clear, southeast wind; temp. 25° at start, to 45° at return. Two inches of snow on level, heavily drifted in country. Four parties covering Boehland country place south of city; Trask Bridge road and Fish Hatchery northwest. Alpine Crest road, Five Points, Argyle road and Rock Cut Preserve northeast. One party out all forenoon, others in afternoon, aggregating 50 miles by auto and on foot. Mourning Dove, 1; Marsh Hawk, 3; Hairy Woodpecker, 3; Downy Woodpecker, 7; Red-bellied Woodpecker, 1; Blue Jay, 4; Crow, 125; Meadowlark, 1; Bronzed Grackle, 2; Goldfinch, 40; Tree Sparrow, 55; Junco, 2; Brown Creeper, 1; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 1; Chickadee, 11. Total, 16 species, 261 individuals. Tufted Titmouse were seen Dec. 23 and 27; a Flicker was seen Dec. 24, and heard previously in same place. The Bronzed Grackles are birds injured in the fall shooting in the heart of the residential district, where these birds have persistently made a nightroost for thirty years or more. These two have survived several extreme cold periods during November and December. Mr. Harold Williams, State Conservation inspector, reports one male and two female Cardinals, about 15 Chickadees and two Horned Larks on the 27th.—MISS F. DAVEY, MISS E. VAN DUZER, MRS. D. HOOKER, MISS F. DOBSON, MISS C. FOX, MISS G. THOMAS, MRS. G. D. SUNDSTRAND, MISS S. LONG and MRS. M. LONG.

Springfield, Ill. (from 2 miles south of the Water Works to a mile north of it and back). Dec. 25; 1.30 to 5.30 P.M. Clear; 4 in. snow; wind west, light; temp. 31° at start, 27° at return. Six miles on foot. Observers together. Mallard, 1 (female); Redhead, 1 (female); Downy Woodpecker, 1; Flicker, 5; Crow, 10; Meadowlark, 1; Bronzed Grackle (seen at 11 A.M.), 1; Redpoll, 2; Slate-colored Junco, 100; Song Sparrow, 9; Fox Sparrow, 2; Cardinal, 6; Tufted Titmouse, 5; Chickadee, 5; Golden-crowned Kinglet, 1. Total, 15 species, about 150 individuals.—JOHN DOBIE and HENRY KASMER.

Waukegan, Ill.—Dec. 22. Foggy; mild northwest wind; temp. 24°. Trail along the shore of Lake Michigan, and about bird-banding station. Hairy Woodpecker, 1; Downy Woodpecker, 2; Northern Flicker, 1; Blue Jay, 8; Crow, 15; Red-winged Blackbird, 4 (1 male and 3 female); Pine Grosbeak, 1; Snow Bunting, 2; Tree Sparrow, 19; Slate-colored Junco, 1; Cardinal, 4; Northern Shrike, 1; White-breasted Nuthatch, 2; Chickadee, 3. Total, 14 species, 80 individuals. Dec. 21. Clear; shore of Lake Michigan. Herring Gull, about 450; Ring-billed Gull, 2; Bonaparte's Gull, 1; American Merganser, about 20; Red-breasted Merganser, about 150; Old Squaw, about 500.—W. I. LYON.

Des Moines, Iowa.—Dec. 22; 8 A.M. to 4.30 P.M. Clear; 1 in. snow; wind northwest, light; temp. 0° at start, 10° at return. Fifty-nine miles on foot. Observers in six groups covering the city in all directions. American Merganser, 3; Mallard, 2; Bob-white, 67; Barred Owl, 3; Screech Owl, 3; Belted Kingfisher, 3; Cooper's Hawk, 1; Red-shouldered Hawk, 4; Hairy Woodpecker, 45; Downy Woodpecker, 59; Red-headed Woodpecker, 1; Red-bellied Woodpecker, 9; Northern Flicker, 7; Blue Jay, 21; Crow, 74; Red-winged Blackbird, 1; Purple Finch, 54; Goldfinch, 79; Tree Sparrow, 442; Slate-colored Junco, 320; Song Sparrow, 1; Cardinal, 149; Brown Thrasher, 1; Carolina Wren, 3; Brown Creeper, 22; White-breasted Nuthatch, 95; Tufted Titmouse, 77; Black-capped Chickadee, 256; Robin, 1. Total, 30 species, 1825 individuals.—MRS. J. E. STEWART, MRS. TONI WENDELBURG, OLIVIA MCCABE, MRS. W. G. DUMONT, KATE LAMAR, MR. and MRS. R. G. BRENNER, MRS. LEO WEEKS,

WEEKS, MRS. CHARLES CHRISTY, MR. and MRS. A. J. PALAS, KENNETH NELSON, EDWARD MEHLIN, ALFRED WENDELBURG, ROBERT STEWART, and IRENE ULLIUS.

Keokuk, Iowa.—Dec. 25; 8 A.M. to 4 P.M. Ground bare; no wind; temp. 27° at start, 34° at return. Two miles above power dam along the upper bluffs of the Mississippi River; through Rand Park and beyond, retraced same route on return; descended to river level and crossed bridge into Hancock Co., Ill., northward on bottom lands. Alone. Herring Gull, 10; Bob-white, 7; Downy Woodpecker, 11; Red-bellied Woodpecker, 1; Blue Jay, 1; Crow, 146; Goldfinch, 3; Goldfinch, 3; Slate-colored Junco, 23; Cardinal Grosbeak, 9; Brown Creeper, 1; White-breasted Nuthatch, 9; Tufted Titmouse, 16; Chickadee, 18. Total, 14 species, 258 individuals.—C. E. EHINGER, M.D.

New Hampton, Iowa.—Dec. 23; 10 A.M. to 3.30 P.M. Clear; temp. 10° at start. By auto to New Hampton to Chickasaw, 10 miles west, then 6 miles on foot along Little Cedar River. Ring-necked Pheasant, 8; Quail, 25; Rough-legged Hawk, 1; Hairy Woodpecker, 3; Downy Woodpecker, 1; Crow, 36; Redpoll, 12; Chickadee, 12; Brown Creeper, 1; White-breasted Nuthatch, 1; Golden-crowned Kinglet, 2. Total, 11 species, 102 individuals. Dec. 24. Kingfisher, 1. Dec. 26, Prairie Chicken, 1.—CHAS. J. SPIKER.

Ogden, Iowa.—Dec. 24; 8 A.M. to 1 P.M. Cloudy at start, clear for a short time and then cloudy again; wind south at start but changed to a strong northwest wind; temp. about 30°; ground slightly covered with snow. Des Moines River bottoms and several prairie ponds visited. Twenty miles by auto, 4 miles on foot. Observers together. Ring-necked Pheasant, 1; Rough-legged Hawk, 3; Hairy Woodpecker, 5; Downy Woodpecker, 3; Red-bellied Woodpecker, 1; Horned Lark, 2; Prairie Horned Lark, 25; Blue Jay, 1; Crow, 9; Goldfinch, 14; Tree Sparrow, 68; Junco, 37; Cardinal, 7; White-breasted Nuthatch, 8; Chickadee, 17; Tufted Titmouse, 1. Total, 16 species, 202 individuals. Also a number of English Sparrows. The pair of Horned Larks were with several flocks of Prairie Horned Larks in a pasture. They were studied carefully through 8X glasses at a distance of about 40 feet and the yellow plumage carefully noted. Have had a Red-breasted Nuthatch at my feeding-tray every day but he was absent today.—W. M. ROSENE and WALTER ROSENE, JR.

Osborne, Iowa.—Dec. 26; 8 to 11.30 A.M., 1 to 5.30 P.M. Some snow in the woods but fields clear. The morning clear with very little wind but in the afternoon cloudy with strong north wind; temp. 37° at start, 40° at return. East of town to the Little Sioux River, then through the woods in the vicinity of Ranney's Knob; southeast of town to the vicinity of Bluff, then through wooded ravines, along streams and across fields and meadows till about 20 miles by auto (round trip), and 10 miles on foot. Ring-necked Pheasant, 4; Cooper's Hawk, 1; Red-tailed Hawk, 2; Rough-legged (?) Hawk, 1; Short-eared Owl, 1; Screech Owl, 1; Hairy Woodpecker, 4; Downy Woodpecker, 6; Flicker, 3; Prairie Horned Lark, 50; Blue Jay, 4; Crow, 159; Goldfinch, 22; Tree Sparrow, 96; Slate-colored Junco, 74; Brown Creeper, 1; White-breasted Nuthatch, 12; Chickadee, 45. Total, 18 species, 455 individuals. A Meadowlark was seen by Paul Osborn on Dec. 22. Bob-white should have been seen as they are more numerous than for years. Not one Cardinal was seen on this trip and this gives us much concern as we fear they have left this immediate region.—WIER R. OSBORN, LOUIS OSBORN, and PAUL OSBORN.

Shenandoah, Iowa.—Dec. 25; 8.30 A.M. to 2 P.M. Partly cloudy; small patches of snow; breeze, southwest; temp. 28° at start, 33° at return. Down West Creek to its junction with Cedar Creek, then up that stream to its approach to the tracks of the C. R. I. and P. Ry., then back on right of way, home. Nine miles on foot. Observer alone. Bob-white, 60 (4 males); Swainson's (?) Hawk, 1; Barred Owl, 1; Hairy Woodpecker, 8; Downy Woodpecker, 1; Red-bellied Woodpecker, 8; Northern Flicker, 1; Prairie Horned Lark, 2; Blue Jay, 12; Crow, 14; Purple Finch, 8; Redpoll, 2; Goldfinch, 5; Tree Sparrow, 110 (est.); Slate-colored Junco, 55; Song Sparrow, 3; Cardinal, 6; Winter Wren, 1; Brown Creeper, 1; White-breasted Nuthatch, 17; Tufted Titmouse, 4; Chickadee, 28. Total, 22 species, about 337 individuals.

The Winter Wren was observed with the aid of glasses at about 30 feet, while trying to hide under a pile of driftwood.—E. D. NAUMAN.

Sioux City, Iowa (Riverside Park, North Riverside, afoot and by street car, six miles and return).—Dec. 24; 10 A.M. to 3 P.M. Cloudy most of the time; high northwest wind; temp. 38° to 31°. Observers in two parties. Red-tailed Hawk, 1; Screech Owl, 1; Hairy Woodpecker, 4; Downy Woodpecker, 6; Flicker, 2; Crow, 12; Goldfinch, 1 (heard); Slate-colored Junco, 8; Cardinal, 4; Brown Creeper, 2; White-breasted Nuthatch, 7; Red-breasted Nuthatch, 1; Chickadee, 27; Golden-crowned Kinglet, 4. Total, 14 species, 75 individuals. The following day several Goldfinches were seen and 12 Bohemian Waxwings, and on December 15 one Bluebird was heard and 10 Robins were seen.—MRS. W. J. ARMOUR, MRS. E. R. KING, MR. and MRS. E. A. FIELDS, MRS. MARY L. BAILEY.

Winthrop, Iowa.—Dec. 23; 8 A.M. to 4.30 P.M. Clear; about $\frac{1}{2}$ in. snow on the ground in the woods, very little in the open; south wind, light; temp. 18° at start, 22° at return. Auto trip to heavily wooded section about a mile southeast of the village of Monti, in the southeastern corner of Buchanan County, and also a side-trip to the heavy shelter-belt of pine and spruce on the grounds of the Iowa State Hospital for Insane at Independence (this city is 8 miles from Winthrop); many short trips into the fields and woods along the road followed. About 6 miles on foot, mostly in the Monti woods. Observers together. Bob-white, 15 (covey); Ring-necked Pheasant, 5; Red-tailed Hawk, 2; Rough-legged Hawk, 3; Short-eared Owl, 1; Screech Owl, 1; Great Horned Owl, 2; Hairy Woodpecker, 3; Downy Woodpecker, 7; Red-headed Woodpecker, 1; Red-bellied Woodpecker, 2; Northern Flicker, 1; Blue Jay, 7; Crow, 47; Pine Siskin, 7 (flock); Tree Sparrow, 17; Slate-colored Junco, 25; Cardinal, 13; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 1; Tufted Titmouse, 8; Chickadee, 7; Golden-crowned Kinglet, 10 (flock); Robin, 1. Total, 24 species, 194 individuals. The Pine Siskins, Golden-crowned Kinglets, and the Red-breasted Nuthatch were seen at the State Hospital shelter-belt, mentioned above. The Robin has been wintering in an apple orchard in Winthrop.—MR. and MRS. FRED J. PIERCE.

Bowling Green, Ky.—Dec. 22; 7.30 A.M. to 4.30 P.M. Cloudy; ground covered with snow falling all day, 4 in. at return; wind northeast, strong; temp. 20°. Lost River, along Nashville Pike, near Rich Pond. Twelve miles on foot. Observers in two parties. Killdeer, 1; Mourning Dove, 113; Marsh Hawk, 2; Red-tailed Hawk, 2; Sparrow Hawk, 3; Hairy Woodpecker, 2; Southern Downy Woodpecker, 19; Yellow-bellied Sapsucker, 5; Pileated Woodpecker, 6; Red-headed Woodpecker, 2; Red-bellied Woodpecker, 6; Flicker, 25; Prairie Horned Lark, 651 (unusually numerous; 5 large flocks studied carefully); Blue Jay, 13; Crow, 104 (scarce for this time of year); Starling, 17; Meadowlark, 75; Rusty Blackbird (2 flocks studied at very close range), 90; Purple Finch, 5; Goldfinch, 7; White-crowned Sparrow, 1 (singing); Tree Sparrow, 92; Chipping Sparrow, 13; Slate-colored Junco, 50; Song Sparrow, 135; Swamp Sparrow, 20; Towhee, 22; Cardinal, 158; Myrtle Warbler, 1; Pine Warbler, 1; (studied, as were all unusual species, with Busch field glasses); Mockingbird, 23; Carolina Wren, 16; Brown Creeper, 3; White-breasted Nuthatch, 2; Tufted Titmouse, 45; Carolina Chickadee, 56; Golden-crowned Kinglet, 12; Robin, 21; Bluebird, 64. Total, 40 species, 2379 individuals.—L. Y. LANCASTER, EDWARD M. RAY, CHARLES T. TAYLOR, JR., and GORDON WILSON.

Knoxville, Tenn. (and vicinity).—Dec. 22; 8 A.M. to 1 P.M. Snowing; temp. 28°. Loon, 1; Hooded Merganser, 3; Mallard, 8; Old Squaw, 3; Coot, 2; Killdeer, 2; Bob-white, 10; Dove, 2; Marsh Hawk, 1; Cooper's Hawk, 1; Sparrow Hawk, 2; Screech Owl, 1; Kingfisher, 1; Downy Woodpecker, 12; Yellow-bellied Sapsucker, 1; Red-headed Woodpecker, 2; Red-bellied Woodpecker, 3; Flicker, 5; Phoebe, 3; Blue Jay, 5; Crow, 43; Meadowlark, 50; Starling, 333; Purple Finch, 7; Goldfinch, 35; Savannah Sparrow, 15; White-crowned Sparrow, 10; White-throated Sparrow, 180; Chipping Sparrow, 6; Field Sparrow, 75; Slate-colored Junco, 17; Song Sparrow, 19; Tree Sparrow, 1; Fox Sparrow, 1; Towhee, 40; Cardinal, 20; Myrtle Warbler, 5; Mockingbird, 2; Catbird, 1; Carolina Wren, 14; Bewick's Wren, 2; Winter Wren,

2; White-breasted Nuthatch, 6; Tufted Titmouse, 24; Chickadee, 34; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 7; Hermit Thrush, 2; Robin, 2; Bluebird, 2. Total, 50 species, 1072 individuals.—W. M. JOHNSON, H. P. IJAMS, MARY BEARD, EDW. B. POWERS, B. C. V. RESSLER, EARL HENRY, JOHN J. HAY, and S. A. OGDEN.

Memphis, Tenn.—Dec. 22; 9 A.M. to 5 P.M. Snowing at start, cloudy afterwards; 1.3 in. snow; wind fresh to gentle; temp. 20° to 24° to 22°. Raleigh, Wolf River bottoms, west then back southeast to L. & N. R. R. to National Cemetery, Nonconna Creek from old electric line to I. C. R. R. to Piney Woods; 14 miles on foot. Riverside Park (6 miles on foot), Overton Park, and wharf. Mississippi River close to city. Herring Gull, 1; Ring-billed Gull, 1 (13 other Gulls of these two species were also seen from wharf but too far to differentiate); Mallard, 4; Green-winged Teal, 2; Shoveller, 1; Pintail, 1; Scaup, 14; Ring-necked Duck, 1; Canada Goose, 1; Great Blue Heron, 2; Coot, 1; Wilson's Snipe, 7; Killdeer, 16; Bob-white, 10 (25th, 36); Mourning Dove, 1; Turkey Vulture, 2; Black Vulture, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 2; Barred Owl, 1; Screech Owl, 1; Belted Kingfisher, 4; Hairy Woodpecker, 7; Downy Woodpecker, 7 (25th, 16); Yellow-bellied Sapsucker, 12 (30); Pileated Woodpecker, 1; Red-headed Woodpecker, 90 (135+); Red-bellied Woodpecker, 13; Flicker, 68; Phoebe, 12; Meadowlark, 23 (175); Rusty Blackbird, 100; Bronzed Grackle, 70; Goldfinch, 155; White-throated Sparrow, 350; Field Sparrow, 25; Slate-colored Junco, 240; Song Sparrow, 160; Swamp Sparrow, 75; Fox Sparrow, 2; Towhee, 30; Cardinal, 78; Loggerhead Shrike, 12 (1); Myrtle Warbler, 30; Mockingbird, 30; Brown Thrasher, 24 (2); Carolina Wren, 27; Winter Wren, 2; White-breasted Nuthatch, 1; Tufted Titmouse, 6 (33); Carolina Chickadee, 25; Golden-crowned Kinglet, 50; Ruby-crowned Kinglet, 8 (16); Hermit Thrush, 13; Robin, 17 (72); Bluebird, 12. Total, 59 species, about 1966 individuals. Dec. 21, Cooper's Hawk, 1; Great Horned Owl, 1. Dec. 25, Cowbird, 6; Brown Creeper, 2. Figures in parentheses indicate number seen on trip of Dec. 25. Dec. 25, warm and sunny, more ground covered and more time spent, but water-birds were absent from river close to city; so 59 species on the 22d was best. Party of three in morning, two and one (R. Park) in afternoon, fourth in O. Park around noon; members of Mfs. Outboard Boat Club hunting near town cooperated on water-birds.—BEN B. COFFEY, JR., E. S. HENRICH, W. A. ALLEN, JR., and JOHN BAMBERG (Mfs. Chp. Tenn. Orn. Soc.).

Nashville, Tenn.—Dec. 22; 10 A.M. to 4 P.M. Five in. snow on ground and snowing all day; ground has been covered for 4 days; light wind from west; temp. 20° to 26°. Within 10 miles of city, including Radnor Lake (35 acres), Overton Hills, Warner Park woods, Knapp Farm, Rivercliff including Stone's River bottoms, and Mrs. Duncan's place. Three parties. Many birds found at a large hog-feeding station. The unfailing hackberry crop is the chief sustenance of many species. Mallard, 90; Lesser Scaup, 25; Ring-necked Duck, 75 (these Ducks, and probably other species, on the lake); Coot, 150; Killdeer, 4; Bob-white, 15 (2 flocks); Mourning Dove, 32 (2 flocks); Cooper's Hawk, 2; Sparrow Hawk, 1; Screech Owl, 1; Kingfisher, 1; Hairy Woodpecker, 1; Downy Woodpecker, 7; Yellow-bellied Sapsucker, 4; Pileated Woodpecker, 1; Red-bellied Woodpecker, 6; Flicker, 24; Blue Jay, 2; Crow, 130; Cowbird, 20 (1 flock); Red-winged Blackbird, 2 (at nesting marsh); Starling, 75,000 (a conservative estimate; dozens of huge flocks flying to a roost in cedar woods); Meadowlark, 26; Bronzed Grackle, 3000 (3 flocks); Purple Finch, 12; Goldfinch, 10; Savannah Sparrow, 16; White-throated Sparrow, 150; Field Sparrow, 9; Slate-colored Junco, 115; Song Sparrow, 48; Swamp Sparrow, 2; Fox Sparrow, 1; Towhee, 34; Cardinal, 65; Migrant Shrike, 1; Myrtle Warbler, 16; Mockingbird, 22; Carolina Wren, 8; Bewick's Wren, 1; Winter Wren, 1; Tufted Titmouse, 7; Carolina Chickadee, 20; Golden-crowned Kinglet, 5; Hermit Thrush, 1; Robin, 2; Bluebird, 11. Total, 46 species, 79,170 individuals. Also House Sparrow, 60.—H. S. VAUGHN, H. C. MONK, VERNON SHARP, COMPTON CROOK, W. M. WALKER, MRS. SANFORD DUNCAN, E. M. McNISH, A. F. GANIER (Tennessee Ornithological Society).

Kansas City, Mo. (Swope Park).—Dec. 24; 9 to 11.30 A.M. Cloudy, changing to sunshine; light snow on ground; temp. 32° to 35°. Twenty observers. Kingfisher, 1; Hairy Woodpecker,

3; Downy Woodpecker, 24; Red-bellied Woodpecker, 3; Flicker, 1 (?); Blue Jay, 22; Crow, 22; Goldfinch, 3; Tree Sparrow, 1; Junco, 250; Song Sparrow, 10; Cardinal, 15; Carolina Wren, 3; Winter Wren, 1; Brown Creeper, 17; White-breasted Nuthatch, 5; Tufted Titmouse, 41; Chickadee, 56; Kinglet, 1. Total, 19 species, 479 individuals.—HENRIETTA PELL, Sec. Treas. Kansas City Teachers' College Nature Association.

St. Charles, Mo.—Dec. 22; 7.20 A.M. to 4.30 P.M. Heavy fog, clearing in afternoon; 6 in. drifted snow; no wind; temp. 16° to 20°. Two parties on foot. Bob-white, 12; Red-shouldered Hawk, 1; Sparrow Hawk, 3; Hairy Woodpecker, 1; Downy Woodpecker, 37; Red-bellied Woodpecker, 4; Flicker, 18; Horned Lark, 60; Crow, 187; Red-winged Blackbird, 15; Goldfinch, 4; European Tree Sparrow, 1; White-throated Sparrow, 2; Tree Sparrow, 122; Slate-colored Junco, 247; Song Sparrow, 10; Fox Sparrow, 7; Cardinal, 70; Myrtle Warbler, 13; Carolina Wren, 12; Brown Creeper, 12; White-breasted Nuthatch, 3; Tufted Titmouse, 23; Carolina Chickadee, 35; Ruby-crowned Kinglet, 7; Bluebird, 1. Total, 26 species, about 907 individuals. Also House Sparrow, 65.—L. M. DUGAN, L. HUBBRIGHT, W. PALMER, R. H. POUGH, J. A. STEYERMARK, R. B. SWAIN (St. Louis Bird Club), and R. J. TERRY.

Mammoth Spring, Ark.—Dec. 28; 9 A.M. to 2 P.M., 3 to 4 P.M. Wind gentle to fresh; sunny; temp. 30° to 42° to 36°. South on R. R. and along Spring River to Dam No. 3, around Memphis "Y" Camp, return off and on highway, in town. Pied-billed Grebe, 5; Lesser Scaup, 4 (males); Wilson's Snipe, 2; Killdeer, 6; Sparrow Hawk, 2; Belted Kingfisher, 2; Downy Woodpecker, 4; Yellow-bellied Sapsucker, 2; Pileated Woodpecker, 2; Red-bellied Woodpecker, 5; Flicker, 10; Blue Jay, 30; Crow, 8; Meadowlark, 4; Purple Finch, 8; Goldfinch, 320; White-throated Sparrow, 120; Field Sparrow, 12; Slate-colored Junco, 350; Song Sparrow, 50; Towhee, 1; Cardinal, 30; Mockingbird, 5; Carolina Wren, 21; White-breasted Nuthatch, 15; Tufted Titmouse, 24; Carolina Chickadee, 27; Golden-crowned Kinglet, 4; Robin, 1; Bluebird, 25. Total, 30 species, 1099 individuals. Poor results after noon, brisk wind.—BEN B. COFFEY, JR.

Fairhope, Ala. (on Mobile Bay).—Dec. 22; 1 to 5 P.M. Cloudy; strong wind from north northeast; temp. 35°. Ten miles on foot and by automobile. Observers together. Killdeer, 6; Marsh Hawk, 2; Sparrow Hawk, 2; Red-bellied Woodpecker, 1; Flicker, 1; Phoebe, 1; Blue Jay, 7; Meadowlark, 46; Savannah Sparrow, 6; Grasshopper Sparrow, 1; White-throated Sparrow, 1; Song Sparrow, 2; Towhee, 18; Cardinal, 6; Shrike, 2; Myrtle Warbler, 68; Pine Warbler, 2; Brown Thrasher, 6; Mockingbird, 32; Carolina Wren, 2; Robin, 1. Total, 22 species, 226 individuals. Because of the prevailing strong cold wind some of the commoner species were not seen.—MRS. WILLARD EDWARDS, MISS ARSINOE ALLEN, and WALTER JAMES.

Monroe, La.—Dec. 23; 7 to 11.45 A.M., 1.10 to 5.15 P.M. Clear with 8 in. snow; light northwest wind; temp. 23° at start, 35° at return. Nine miles on foot, 4 in car, all within 15 miles diameter. Pine woods, open fields, lake shore, and river swamp along Ouachita River. Killdeer, 11; Bob-white, 7 (1 covey); Mourning Dove, 1; Turkey Vulture, 2; Black Vulture, 4; Sparrow Hawk, 2; Great Horned Owl, 1; Downy Woodpecker, 2; Yellow-bellied Sapsucker, 5; Red-headed Woodpecker, 3; Red-bellied Woodpecker, 10; Southern (?) Flicker, 4; Phoebe, 1; Blue Jay (var. ?), 15; American Crow, 4; Southern Meadowlark, 7; Rusty Blackbird, 2; Florida (?) Grackle, 41; American Goldfinch, 38; Savannah Sparrow, 2; White-throated Sparrow, 55; Slate-colored Junco, 77; Song Sparrow, 1; Fox Sparrow, 13; Towhee, 5 (*erythrophthalmus*; red eye clearly seen through glasses); Cardinal, 17; Loggerhead Shrike, 3; Orange-crowned Warbler, 1; Pine Warbler, 1; Titlark, 1; Mockingbird, 22; Brown Thrasher, 6; Carolina Wren, 6; Brown Creeper, 2; White-breasted Nuthatch, 2; Tufted Titmouse, 12; Carolina Chickadee, 11; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 5; Olive-backed (?) Thrush, 1; Hermit Thrush, 2; Southern (?) Robin, 25; Bluebird, 6. Total, 43 species and subspecies, approximately 647 individuals. Our abundant supply of water-fowl is poorly represented in this list.—GEORGE G. LOWERY, JR.

Argusville, N. Dak.—Dec. 22; 8 A.M. to 4 P.M. Clear; 12 in. snow; wind southeast, strong,

drifting the snow; temp. 10° below zero at start, 7° at return. Eight miles on skis, 3 on horseback. Prairie Hen, 2 (many tracks and 'sleep-burrows' seen); Ring-necked Pheasant, 3 (1 male, 2 females); Screech Owl, 1; Snowy Owl, 1; Snowflake, 74. Total, 5 species, 80 individuals. Pheasants were just seen here about a year ago, and are now becoming common.—GALE W. MONSON.

Fargo, N. Dak.—Dec. 26; 9.30 A.M. to 3.45 P.M. Cloudy; 4 in. snow; wind west to northwest, moderate to strong, stormy; temp. 36° at start, 25° at return. Fields and woods; about 12 miles. Redpoll, 3; Snow Bunting, 1 (small flock also heard); White-breasted Nuthatch, 1; Chickadee, 8. Total, 5 species, 13 individuals. Also 4 Chickadees at feeding-shelf. About 15 Prairie Hens have been feeding nearby the past week.—O. A. STEVENS and GORDON HEGGENESS.

Kindred, N. Dak.—Dec. 26; 8 A.M. to 1 P.M. Weather as at Fargo. Thirty miles on mail route. Prairie Hen and Sharp-tailed Grouse, 50; Ring-necked Pheasant, 5; Crow, 6; Snow Bunting, 60; Northern Shrike, 1. Total, 6 species, 122 individuals.—ALBERT HARRIS.

Jamestown, N. Dak.—Dec. 25; 10.30 A.M. to 4.20 P.M. Clear; ground well covered; wind west, light; temp. about 34°. Sharp-tailed Grouse, 30, 18, 15, 5; Great Horned Owl, 1; Screech Owl, 1; Downy Woodpecker, 1; Magpie, 1; White-breasted Nuthatch, 3; Chickadee, 8. Total, 7 species, 83 individuals.—GLENN BERNER.

Minot, N. Dak.—Dec. 25; 9 A.M. to 12.55 P.M. Partly cloudy; deep snow in woods and hollows of prairie; wind northwest, light; temp. 35° at start. Hairy Woodpecker, 2; Downy Woodpecker, 3; Blue Jay, 3; Magpie, 5; Redpoll, 20 (1 flock); White-breasted Nuthatch, 7; Chickadee, 11. Total, 7 species, 51 individuals.—OLGA LAKEA.

Hurley, S. Dak. (started from a point 3 miles south and 2 east of Hurley, traveled 4 miles north, 1 west, 5 south, 10 west, 1 north, and 10 east).—Dec. 22; 1 to 5 P.M. Clear; light covering of snow; wind south, light; temp. 20° at start, 13° at return. About 40 miles by auto. Ring-necked Pheasant, 11; Cooper's (?) Hawk, 1; Red-tailed Hawk, 1; Screech Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 3; Horned Lark, about 300; Crow, 36; Redpoll, 24; Tree Sparrow, 4; Chickadee, 2. Total, 11 species, about 374 individuals.—MISS RHEA SANBORN.

Yankton, S. Dak.—Dec. 26; 10 A.M. to 3.30 P.M. Clear in forenoon, cloudy in afternoon; ground nearly bare; strong northwest wind; temp. 48°. Twenty miles by automobile and on foot. Observers together. Hairy Woodpecker, 7; Downy Woodpecker, 4; Flicker, 9; Crow, 24; Goldfinch, 20; Tree Sparrow, 4; Slate-colored Junco, 4; Arctic Towhee, 1; Cardinal, 1; Brown Creeper, 2; White-breasted Nuthatch, 5; Chickadee, 45. Total, 12 species, 126 individuals. Arctic Towhee observed at 30 feet with 8X binoculars.—A. P. LARRABEE, J. A. LARRABEE, and F. MACKEY.

Fairbury, Neb.—Dec. 26; 1 to 4 P.M. Partly cloudy; ground bare; south wind, light; temp. 55°. Two observers worked near their home on prairie farm, 1½ miles on foot; others observed in a group along Rose Creek in timber, 6½ miles and return by auto, 3 miles on foot. Ring-necked Pheasant, 1 (male); Marsh Hawk, 2; Red-shouldered Hawk, 1; Screech Owl, 1; Northern Downy Woodpecker, 8; Hairy Woodpecker, 4; Red-bellied Woodpecker, 1; Yellow-shafted Flicker, 2; Red-shafted Flicker, 1; Prairie Horned Lark, 180 (3 flocks); Crow, 75; Goldfinch, 3; Harris' Sparrow, 15; Tree Sparrow, 130; Slate-colored Junco, 43; Song Sparrow, 1; Cardinal, 7; Shrike, 1; Brown Creeper, 2; White-breasted Nuthatch, 3; Tufted Titmouse, 1; Long-tailed Chickadee, 50; Robin, 2; Bluebird, 4. Total, 24 species, 540 individuals.—MISSES SUSIE and AGNES CALLAWAY, MRS. C. B. CALLAWAY, MISS ADDIE SANDMAN, and MISS BERTHA HOLLY.

Fremont, Neb.—Dec. 26; 8.30 A.M. to 1.30 P.M. Clear; ground bare, excepting some patches of snow, with ice where the Platte River had overflowed; temp. 45° to 60°. Country roads, fields, MacLean's Island and Hormel's Island. Marsh Hawk, 1; Kingfisher, 2; Screech Owl, 1; Hairy Woodpecker, 6; Downy Woodpecker, 8; Northern Flicker, 3; Blue Jay, 2; Crow, 80; Purple Finch, 2; Goldfinch, 7; Tree Sparrow, 200; Slate-colored Junco, 62; Towhee, 1; Cardinal,

7 (5 males, 2 females); Cedar Waxwing, 5; White-breasted Nuthatch, 8; Brown Creeper, 5; Chickadee, 45; Golden-crowned Kinglet, 12; Robin, 25; Bluebird, 2. Total, 21 species, 484 individuals. Meadowlarks were seen within a few days before this date.—LILY RUEGG-BURTON.

Wichita, Kans. (to Oak and Sim's Parks, river banks and fields, back to Friend University).—Dec. 23; 8.30 A.M. to 4.45 P.M. Clear; rising fog; heavy frost; no wind; temp. 20° at start, 25° at return. Twelve miles on foot. Gull (white below, gray above, black wingtips), 1; Bob-white, 6; Sharp-shinned Hawk, 1; Sparrow Hawk, 2; Saw-whet Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 4; Red-bellied Woodpecker, 3; Flicker, 4; Horned Lark, 18; Crow, 8; American Goldfinch, 8; Harris' Sparrow, 21; Tree Sparrow, 20; Junco, 131; Song Sparrow, 12; Towhee, 2; Cardinal, 6; Mockingbird, 2; Carolina Wren, 3; Brown Creeper, 2; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 3; Tufted Titmouse, 5; Chickadee, 23; Robin, 18; Bluebird, 8. Total, 27 species, about 326 individuals. Also English Sparrow, 297. Saw-whet Owl could be approached within 10 feet. Small size, no ear-tufts, back of wing spotted and head streaked with white, feathered feet white, other points noted.

Tulsa, Okla. (south to Woodward Park, Woody Crest and Wildwood, east to the Fair Grounds and Hickory Coal Mines and north to Hostler's on Bird Creek, and return).—Dec. 21; 9.30 A.M. to 5.30 P.M. Fairly clear with occasional sunshine and light clouds; wind northwest to west; temp. 18° at start, 32° at return. Observers together in the morning and separate in the afternoon. Three to 5 miles on foot in each vicinity; about 50 miles by auto within a radius of ten miles of the city of Tulsa. 4-, 6-, and 8× glasses. Areas typical, with scrub oak, pecan, hickory, American elm, hackberry, hawthorn, wild grape, climbing brier, turkey berry, poison ivy, southern holly, willows and poplars along Bird Creek; thick undergrowth of weeds, new plowed fields and some burned-over areas. Mallard, 3; Wilson's Snipe, 1; Quail, 15 (covey); Western Mourning Dove, 1; Marsh Hawk, 3; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 4 (1 an albino, white with darker mottled wings and back; red tail); American Rough-leg, 2; Barred Owl, 1; Hairy Woodpecker (Southern ?), 8; Downy Woodpecker (Southern ?), 6; Yellow-bellied Sapsucker, 1 (female collected); Pileated Woodpecker, 1 (male); Red-headed Woodpecker, 5 (male and female); Red-bellied Woodpecker, 1 (male collected); Northern Flicker, 3; Prairie Horned Lark, 4; Blue Jay, 20; Crow, 15; Cowbird with Rusty Blackbirds, 25; Red-winged Blackbird, 50; Meadowlark (sp. ?), 15; Purple Finch, 1; American Goldfinch, 50; Pine Siskin, 11; Savannah Sparrow, 2; Harris' Sparrow, 35; White-throated Sparrow, 75; Tree Sparrow, 5; Slate-colored Junco (incl. Montana ?), 150; Song Sparrow, 25; Lincoln's Sparrow, 60; Swamp Sparrow, 2; Fox Sparrow, 3; Cedar Waxwing, 150 (flocks); Mockingbird, 4; Carolina Wren, 3; White-breasted Nuthatch, 5; Tufted Titmouse, 12; Chickadee (sp. ?), 30; Southern Robin, 300; Bluebird, 12. Total, 44 species, 1125 individuals. Also English Sparrow.—EDITH R. FORCE (Instructor in Biology, Woodrow Wilson Junior High School) and students: HAMON MAY and ROBERT LUCKHARDT; MRS. A. E. GILMORE (taxidermist).

Tulsa, Okla. (5 miles northeast to Mohawk Park).—Dec. 25; 12.20 to 5.45 P.M. Temp. 58°; clear, warm wind from south. When in the park I left the car and covered 6 or 7 miles on foot. Mallard, 25±; Pintail Duck, 4; Red-tailed Hawk, 2; Rough-legged Hawk, 1; Cooper's Hawk, 1; Ivory-billed [?] Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 1; Red-headed Woodpecker, 26; Red-bellied Woodpecker, 7; Flicker, 22; Blue Jay, 8; Crow, 4; Red-winged Blackbird, 10±; Meadowlark, 50±; Goldfinch, 2; White-throated Sparrow, 31±; Tree Sparrow, 5; Fox Sparrow, 10±; Towhee, 2; Slate-colored Junco, 43±; Cardinal, 7; Northern (?) Shrike, 1; Brown Creeper, 1; Carolina Wren, 2; Red-breasted Nuthatch, 2; Tufted Titmouse, 20; Chickadee, 9; Robin, 7; Bluebird, 14±. Total, 30 species, about 321 individuals.—H. T. PHILLIPS.

Fortine, Mont. (open sloughs, flats, and forests along Fortine and Grave Creeks).—Dec. 22; 8.30 A.M. to 1 P.M., 2 to 4.45 P.M. Cloudy; 12 to 18 in. old snow; wind south, light; temp. 27° at start, 34° at return, maximum 36°. Ten miles on foot, 15 miles in car. Observers to-

gether. Mallard, 7; Barrow's Golden-eye, 2; Wilson's Snipe, 2; Canadian Ruffed Grouse, 2; Western (or Dusky) Horned Owl, 1; Belted Kingfisher, 1; Northern Hairy Woodpecker, 4; Rocky Mountain Hairy Woodpecker, 1; intergrade between the last two subspecies, 1; Arctic Three-toed Woodpecker, 1; Alaska Three-toed Woodpecker, 2; Alpine Three-toed Woodpecker, 3; intergrade (?) between the last two subspecies, 1; Dusky Horned Lark, 1; Magpie, 4; Redpoll, 1; Snow Bunting, 4; Merrill's Song Sparrow, 1; Bohemian Waxwing, 10; Northern Shrike, 1; Dipper, 5; Mountain Chickadee, 2. Total, 20 species and subspecies and two intergrades, 57 individuals.—WINTON WEYDEMEYER and D. R. WEYDEMEYER.

Superior, Mont. (two miles east to eight miles west of the town).—Dec. 24; 11.30 A.M. to 5 P.M. Partly cloudy; unmelted snow in places; no wind; temp. 40°. Alone. MacFarlane Screech Owl, 1; American Magpie, 14; Black-headed Jay, 1; Pale Goldfinch, 1; Water Ouzel, 3; Red-breasted Nuthatch, 1; Long-tailed Chickadee, 20. Total, 7 species, 41 individuals.—CARLETON THOROMAN.

Aurora, Colo.—Dec. 24; 6.45 A.M. to 6.30 P.M. Clear; snow in a few patches; light wind P.M.; temp. 53° at start, 44° at return. Points east of town within radius of 7 miles. Twenty-seven miles on foot. Wilson's Snipe, 2; Killdeer, 2; Ring-necked Pheasant, 5; Marsh Hawk, 1; Western Red-tailed Hawk, 1; American Rough-legged Hawk, 1; Prairie Falcon, 1; Desert Sparrow Hawk, 1; Rocky Mountain Screech Owl, 1; Western Horned Owl, 1; Batchelder's Woodpecker, 1; Red-shafted Flicker, 19; Desert Horned Lark, 82; Magpie, 59; Red-winged Blackbird, 450 (est.); Western Meadowlark, 35; Cassin's Purple Finch, 4; House Finch, 54; Pale Goldfinch, 2; Western Tree Sparrow, 73; Slate-colored Junco, 2; Shufeldt's Junco, 2; Mountain Song Sparrow, 12; Western Marsh Wren [?], 1; Rocky Mountain Creeper, 1; Long-tailed Chickadee, 1. Total, 26 species, about 812 individuals. Also English Sparrow, 30.—LEON KELSO.

Denver, Colo. (by auto 20 miles south, A.M., and 10 miles east of Denver, P.M.).—Dec. 25; 9 A.M. to 1.30 P.M. (south); 2.30 to 4.30 P.M. (east); three hours afoot all told. Partly cloudy A.M., clear P.M.; irregular patches old snow; light south breeze; temp., 9 A.M. 45°, noon 58°, 4.30 P.M. 47°. Killdeer, 1; Sharp-shinned Hawk, 1; American Rough-legged Hawk, 2; Rocky Mountain Screech Owl, 1; Great Horned Owl, 2; Batchelder's Woodpecker, 1; Orange-shafted Flicker, 1; Magpie, 100 (est.); Meadowlark, 1; Rusty Blackbird, 3 (a rarity); Cassin's Purple Finch, 3; House Finch, 7; Tree Sparrow, 11; Song Sparrow, 5; Great Northern Butcherbird, 1; Long-tailed Chickadee, 1. Total, 16 species, about 150 individuals.—W. H. BERGTOLD.

Fort Morgan, Colo.—Dec. 22; 8 A.M. to 4 P.M. Bitter cold, 6-in. blanket of snow; clear in A.M., cloudy in P.M.; gentle westerly breeze; temp. 0° at start, 15° at return. Platte River bottoms, near mouth of Bijou Creek, about 6 miles on foot in A.M., and to various points about Fort Morgan by car in P.M. American Merganser, 1; Mallard, 300 (est.); Green-winged Teal, 5; Wilson's Snipe, 4; Killdeer, 2; Bob-white, 40; Ring-necked Pheasant, 60; Marsh Hawk, 1; Ferruginous Rough-legged Hawk, 4; Belted Kingfisher, 4; Downy Woodpecker, 1; Red-shafted Flicker, 8; Desert Horned Lark, 6; Blue Jay, 2; Red-winged Blackbird, 25; Western Meadowlark, 6; House Finch, 2; Tree Sparrow, 4; Pink-sided Junco, 2; Song Sparrow, 4; Long-tailed Chickadee, 19. Total, 21 species, about 500 individuals. Also English Sparrow, thousands.—EDWARD HELLSTERN.

Tucson, Ariz.—Dec. 24; 9 A.M. to 12.30 P.M., 1.45 to 5.30 P.M. Clear; light breeze all day. Tucson and Rillito valley to Agua Caliente Springs and return. Thirty-five miles by auto, 7 miles on foot. Pied-billed Grebe, 3; Green-winged Teal, 4; Pallid Great Blue Heron, 1; Green Heron, 1; American Coot, 2; Wilson's Snipe, 5; Killdeer, 14; Gambel's Quail, 11; Western Mourning Dove, 33; Mexican Ground Dove, 1; Inca Dove, 25; Turkey Vulture, 2; Marsh Hawk, 2; Sharp-shinned Hawk, 1; Western Red-tailed Hawk, 2; Sparrow Hawk, 2; Gila Woodpecker, 15; Red-shafted Flicker, 3; Mearns' Gilded Flicker, 4; Say's Phoebe, 5; Black Phoebe, 6; Vermilion Flycatcher, 10; Meadowlark (sp. ?), 25; House Finch, 72; Green-backed Goldfinch, 1; Western Vesper Sparrow, 9; Western Savannah Sparrow, 7; Western Lark Sparrow, 27; Gambel's Sparrow, 233; Brewer's Sparrow, 327; Desert Sparrow, 1; Song

Sparrow (*Melospiza melodia* subsp.), 1; Canyon Towhee, 1; Green-tailed Towhee, 1; Arizona Cardinal, 3; Arizona Pyrrhuloxia, 4; Lark Bunting, 600; Phainopepla, 10; White-rumped Shrike, 3; Audubon's Warbler, 13; American Pipit, 9; Western Mockingbird, 10; Palmer's Thrasher, 5; Bendire's Thrasher, 1; Cactus Wren, 4; Rock Wren, 3; Canyon Wren, 1; Desert Wren, 2; Verdin, 6; Ruby-crowned Kinglet, 6; Gnatcatcher (*Poliophtila* sp.), 14; Mountain Bluebird, 2. Total, 52 species, 1553 individuals.—WALTER P. TAYLOR and CHARLES T. VORHIES.

Seattle, Wash.—Dec. 22; 9 A.M. to 4 P.M. Rain all day; 22-mile wind, south; average temp. 45°. Territory within a 15-mile radius. Parties hunting under the following leaders as indicated: Fort Lawton and Magnolia Bluff, C. E. Schurman; Green Lake and Woodland Park, Mrs. C. Norman Compton; University Campus and Lake Washington Shore, Mr. V. E. Crocker; Madison Park to Leschi Park, Miss Kate Thompson; Leschi Park to Seward Park, Mrs. Charles Crickmore; Tide Flats and West Seattle, Mrs. C. M. Baskett; Medina and vicinity, Mr. Owen Smith; Volunteer Park, Miss Elizabeth Curtiss; Renton and vicinity, Mr. F. W. Cook; Poulsbo and vicinity, Mr. Walter Hagenstein. Western Grebe, 90; Holboell's Grebe, 14; Horned Grebe, 73; Eared Grebe, 11; Pied-billed Grebe, 19; Common Loon, 3; Pacific Loon, 1; Red-throated Loon, 5; Rhinoceros Auklet, 4; Pigeon Guillemot, 27; California Murre, 1; Glaucous-winged Gull, 1213; Northern Western Gull, 4; Herring Gull, 190; California Gull, 359; Ring-billed Gull, 10; Short-billed Gull, 669; Bonaparte's Gull, 213; Brandt's Cormorant, 4; White-crested Cormorant, 1; American Merganser, 42; Red-breasted Merganser, 238; Hooded Merganser, 39; Mallard, 659; Gadwall, 1; Baldpate, 13; Green-winged Teal, 1070; Shoveller, 300; Pintail, 421; Canvasback, 82; Greater Scaup, 123; Lesser Scaup, 565; Ring-necked Duck, 19; Golden-eye, 131; Bufflehead, 239; Old Squaw, 7; White-winged Scoter, 787; Surf Scoter, 257; Ruddy Duck, 306; Bittern, 2; Northwest Blue Heron, 16; Coot, 1033; Wilson's Snipe, 10; Western Sandpiper, 11; Killdeer, 47; Bob-white, 9; California Quail, 161; Ring-necked Pheasant, 57; Sharp-shinned Hawk, 6; Cooper's Hawk, 3; Bald Eagle, 1; Desert Sparrow Hawk, 5; Western Belted Kingfisher, 8; Harris' Woodpecker, 1; Gairdner's Woodpecker, 6; Northwestern Flicker, 131; Steller's Jay, 50; Western Crow, 137; Northwest Crow, 211; Northwestern Red-winged Blackbird, 13; Brewer's Blackbird, 465; California Purple Finch, 58; Pine Siskin, 993; Aleutian Savannah Sparrow, 18; Nuttall's Sparrow, 6; Western Chipping Sparrow, 1; Shufeldt's Junco, 382; Rusty Song Sparrow, 270; Townsend's Fox Sparrow, 1; Oregon Towhee, 69; Cedar Waxwing, 377; Audubon's Warbler, 3; Seattle Wren, 21; Western Winter Wren, 38; Tule Marsh Wren, 2; Oregon Chickadee, 395; Chestnut-backed Chickadee, 14; Coast Bush-Tit, 295; Western Golden-crowned Kinglet, 42; Ruby-crowned Kinglet, 1; Western Robin, 1299; Varied Thrush, 55; Western Bluebird, 44. Total, 83 species, 14,977 individuals. Compiled from certified lists of the above observers by MARY L. and C. NORMAN COMPTON (Seattle Audubon Society).

Long Beach, Calif. (south to Sunset Beach, Orange County; salt marsh and parks).—Dec. 21. Clear; west wind; temp. 75°. Ten miles on foot. Western Grebe, 6; Pied-billed Grebe, 2; Horned Grebe, 6; Eared Grebe, 2; Loon, 3; Pacific Loon, 2; Red-throated Loon, 1; Heermann's Gull, 18; Western Gull, 15; California Gull, 200+; Herring Gull, 4; Glaucous-winged Gull, 7; Ring-billed Gull, 75; Bonaparte's Gull, 40+; Forster's Tern, 16; California Brown Pelican, 13; Mallard, 3; Shoveller, 3; Green-winged Teal, 2; Cinnamon Teal, 1; Pintail, 175+; Lesser Scaup, 500+; Ruddy Duck, 17; Bufflehead, 5; Surf Scoter, 800+; White-winged Scoter, 25; Egret, 8; Snowy Egret, 4; Black-crowned Night Heron, 1; Coot, 26; Avocet, 1; Marbled Godwit, 22; Wilson's Snipe, 1; Long-billed Dowitcher, 4; Red-backed Sandpiper, 40; Least Sandpiper, 8; Western Sandpiper, 29; Sanderling, 55; Greater Yellowlegs, 4; Western Willet, 35; Long-billed Curlew, 2; Hudsonian Curlew, 15; Killdeer, 6; Semipalmated Plover, 3; Black-bellied Plover, 190+; Turkey Vulture, 1; Marsh Hawk, 3; Sharp-shinned Hawk, 1; Sparrow Hawk, 6; Anna's Hummingbird, 3; California Horned Lark, 2; San Diego Redwing, 4; Brewer's Blackbird, 30; Western Meadowlark, 9; Linnet, 8; Green-backed Goldfinch, 14; Western Savannah Sparrow, 2; Belding's Sparrow, 30; Large-billed Sparrow,

25; Gambel's Sparrow, 10; San Diego Song Sparrow, 4; Valdez (?) Fox Sparrow, 1; Anthony's Towhee, 2; California Shrike, 5; Audubon's Warbler, 16; Townsend's Warbler, 2; Tule Yellowthroat, 3; Pipit, 4; Western Mockingbird, 6; Tule Wren, 2. Total, 70 species, 2624+ individuals.—JAMES STEVENSON.

Los Angeles, Calif. (city parks and Verdugo Woodlands).—Dec. 20; 8 A.M. to 2 P.M. Clear, strong north wind; very dusty; temp. 61° at start. A very disastrous fire at 9.30 drove two parties out of the field. Seven parties of observers in groups of two, three and four. Pied-billed Grebe, 12; California Gull, 380; Ring-billed Gull, 35; Farallone Cormorant, 4; White Pelican, 2; Brown Pelican, 1; Mallard, 33; Baldpate, 6; Pintail, 8; Lesser Scaup, 53; Cackling Goose, 1; Whistling Swan, 3; Anthony's Green Heron, 1; American Coot, 100; Spotted Sandpiper, 1; Killdeer, 61; Valley Quail, 77; Chinese Pigeon, 1; Mourning Dove, 2; Sharp-shinned Hawk, 4; Cooper's Hawk, 2; Western Red-tail, 4; Desert Sparrow Hawk, 4; Roadrunner, 1; Cabanis Woodpecker, 2; Willow Woodpecker, 3; Nuttall's Woodpecker, 6; Red-breasted Sapsucker, 1; California Woodpecker, 11; Red-shafted Flicker, 14; Anna's Hummingbird, 33; Say's Phoebe, 1; Black Phoebe, 12; California Jay, 70; Western Meadowlark, 1; Brewer's Blackbird, 1775; Purple Finch, 4; House Finch, 311; Willow Goldfinch, 10; Green-backed Goldfinch, 7; Gambel's Sparrow, 71; Golden-crowned Sparrow, 76; Thurber's Junco, 35; San Diego Song Sparrow, 87; Fox Sparrow, 11; San Diego Towhee, 31; Anthony's Towhee, 60; Cedar Waxwing, 2; California Shrike, 8; Dusky Warbler, 2; Audubon's Warbler, 187; Townsend's Warbler, 3; Pileolated Warbler, 1; Pipit, 21; Western Mockingbird, 51; California Thrasher, 11; San Diego Wren, 13; Plain Titmouse, 15; Bush-Tit, 70; Pallid Wren-Tit, 40; Ruby-crowned Kinglet, 38; Western Gnatcatcher, 5; Alaska Hermit Thrush, 12; Western Robin, 14; Varied Thrush, 1; Western Bluebird, 1. Total, 66 species, 3875 individuals.—Southwest Bird Study Club: MARY MANN MILLER, President, and MARIE JUPPENLATZ, Secretary.

Palo Alto, Calif. (and vicinity).—Dec. 18; 7.30 A.M. to 12 M., and 1 to 2.30 P.M. Foggy, cloudy; temp. 54°. Region covered: town, pasture, tree-covered hills, university campus, salt marsh, and lagoon. Partly by car, mostly on foot. California Gull, 30; Herring Gull, 1; Great Blue Heron, 3; California Partridge, 50; Sparrow Hawk, 4; Hawk (sp. ?), 2; Red-shafted Flicker, 5; California Jay, 1; Brewer's Blackbird, 800; Western Meadowlark, 8; California Goldfinch, 1; White-crowned Sparrow, 25; Golden-crowned Sparrow, 8; Alameda Song Sparrow, 3; Thurber's Junco, 1; California Towhee, 10; Oregon Towhee, 1; Cedar Waxwing, 50; Audubon's Warbler, 1; Hutton's Vireo, 2; Tule Wren, 2; California Bush-Tit, 50; Western Mockingbird, 1; California Chickadee, 1; Western Bluebird, 8; Robin, 5. Total, 26 species, 1073 individuals.—L. D. WOOSTER and EDWIN H. BRYAN, JR.

San Diego, Calif.—Dec. 21; 7 A.M. to 5 P.M. Clear all day; no wind; average temp. 64°. San Diego Bay to Sweetwater Reservoir, no point more than 15 miles from any other point. Scott and Gander remained on water-front; Huey worked from water-front inland. Western Grebe, 180; American Eared Grebe, 12; Pied-billed Grebe, 1; Common Loon, 5; Red-throated Loon, 1; Glaucous-winged Gull, 8; Western Gull, 275; Herring Gull, 4; California Gull, 130; Ring-billed Gull, 1100; Bonaparte's Gull, 40; Royal Tern, 4; Forster's Tern, 10; Common Tern, 10; Farallone Cormorant, 6; Brandt's Cormorant, 2; White Pelican, 50; California Brown Pelican, 16; Red-breasted Merganser, 2; American Widgeon, 25; Green-winged Teal, 4; Shoveller, 4; Pintail, 125; Canvasback, 50; Lesser Scaup, 175; Bufflehead, 6; Surf Scoter, 100; White-winged Scoter, 2; Ruddy Duck, 1; American Bittern, 2; California Great Blue Heron, 3; American Egret, 12; Snowy Egret, 33; Light-footed Rail, 1; Sora Rail, 1; Florida Gallinule, 2; Coot, 2015; Avocet, 20; Long-billed Dowitcher, 60; Least Sandpiper, 2500; Red-backed Sandpiper, 25; Western Sandpiper, 3000; Sanderling, 127; Marbled Godwit, 600; Greater Yellowlegs, 17; Western Willet, 1700; Spotted Sandpiper, 8; Long-billed Curlew, 4; Hudsonian Curlew, 6; Black-bellied Plover, 41; Killdeer, 12; Semipalmated Plover, 7; Snowy Plover, 80; Ruddy Turnstone, 1; Black Turnstone, 40; Valley Quail, 242; Western Mourning Dove, 560; Sharp-shinned Hawk, 1; Western Red-tailed Hawk, 3; Golden Eagle,

1; Prairie Falcon, 1; Desert Sparrow Hawk, 5; American Barn Owl, 2; Short-eared Owl, 1; Pacific Horned Owl, 1; Burrowing Owl, 2; Roadrunner, 1; Western Belted Kingfisher, 1; Red-shafted Flicker, 6; Anna's Hummingbird, 4; Cassin's Kingbird, 3; Say's Phoebe, 11; Black Phoebe, 20; California Horned Lark, 35; California Jay, 8; Dwarf Cowbird, 1; San Diego Red-winged Blackbird, 20; Western Meadowlark, 361; Brewer's Blackbird, 142; California Purple Finch, 3; California Linnet, 53; Willow Goldfinch, 50; Western Vesper Sparrow, 5; Western Savannah Sparrow, 52; Belding's Marsh Sparrow, 38; Large-billed Marsh Sparrow, 48; Western Lark Sparrow, 2; Gambel's Sparrow, 1037; Golden-crowned Sparrow, 3; Rufous-crowned Sparrow, 1; San Diego Song Sparrow, 7; Lincoln's Sparrow, 1; San Diego Towhee, 2; California Brown Towhee, 53; California Shrike, 5; Dusky Warbler, 2; Audubon's Warbler, 1030; Tule Yellow-throat, 3; American Pipit, 6; Western Mockingbird, 8; California Thrasher, 3; Cactus Wren, 2; Rock Wren, 2; San Diego Wren, 2; Tule Wren, 2; Coast Bush-Tit, 75; Pallid Wren-Tit, 9; Western Ruby-crowned Kinglet, 1; Western Gnatcatcher, 4; Hermit Thrush (subsp. ?), 8; Western Bluebird, 6. Total, 111 species, about 17,790 individuals. Also English Sparrow, 12.—LAURENCE M. HUEY, CARROLL DEWILTON SCOTT, and FRANK F. GANDER.

San Fernando Valley, Los Angeles, Calif. (river, woods near Colfax Ave., Tryringa Wash at Van Owen St., Chatsworth Reservoir).—Dec. 22; 7 A.M. to 5.30 P.M. Clear; calm in morning, variable breezes in afternoon; cold in early morning, warm rest of day. Western Grebe, 20±; Eared Grebe, 3; Pied-billed Grebe, 3; California Gull, 1; Farallone Cormorant, 1; Ducks, 100; Baldpate, 1+; Cinnamon Teal, 11; Shoveller, 2+; Lesser Scaup, 25±; Ruddy Duck, 15±; Great Blue Heron, 2; American Egret, 1; Coot, 75±; Least Sandpiper, 6; Spotted Sandpiper, 4; Killdeer, 32±; Valley Quail, 9; Cooper's Hawk, 1; Western Red-tail, 1; Desert Sparrow Hawk, 5; Roadrunner, 2; Cabanis Woodpecker, 1; Willow Woodpecker, 1; Nuttall's Woodpecker, 2; California Woodpecker, 25±; Lewis' Woodpecker, 1; Red-shafted Flicker, 9; Anna's Hummingbird, 3; Say's Phoebe, 4; Black Phoebe, 6; California Horned Lark, 60±; California Jay, 9; San Diego Redwing, 25±; Western Meadowlark, 10; Brewer's Blackbird, 60±; California Purple Finch, 13±; House Finch, 25±; Willow Goldfinch, 42±; Western Vesper Sparrow, 3; Western Savannah Sparrow, 50±; Western Lark Sparrow, 25±; Gambel's Sparrow, 80±; Golden-crowned Sparrow, 10; Rufous-crowned Sparrow, 1; San Diego Song Sparrow, 23±; Fox Sparrow (gray type), 2; San Diego Towhee, 13±; Anthony's Towhee, 15±; California Shrike, 6; Dusky Warbler, 1; Audubon's Warbler, 90±; Black-throated Gray Warbler, 1; Western Yellow-throat, 1; Pipit, 58±; Western Mockingbird, 5; California Thrasher, 7; San Diego Wren, 9; Rock Wren, 3; Slender-billed Nuthatch, 3; Plain Titmouse, 5; Bush-Tit, 30±; Ruby-crowned Kinglet, 10+; Western Gnatcatcher, 8; Alaskan Hermit Thrush, 9; Western Robin, 20; Western Bluebird, 3; Mountain Bluebird, 8. Total, 67 species, about 1061 individuals.—RUSSELL HUBRICHT.

San Jose, Calif.—Dec. 21; 9 A.M. to 4 P.M. Clear; wind northwest, light; temp. 50° to 69°; visibility good. Observers in two parties—members of Santa Clara Valley Audubon Society. Dr. Pickwell led one party to Alviso salt-water marshes, and over the Calaveras and Sierra Roads from Milpitas to Berryessa; Dr. Smith led other party into Alum Rock and Sycamore Canyons. Forty miles by automobiles, covering territory with diameter of about 13 miles. California Great Blue Heron, 5; California Clapper Rail, 2; Least Sandpiper, 750+; Red-backed Dunlin, 750+; Western Sandpiper, 1500+; Black-bellied Plover, 3; California Quail, 3; Band-tailed Pigeon, 3; Marsh Hawk, 3; Western Red-tailed Hawk, 3; Desert Sparrow Hawk, 8; Roadrunner, 1; Nuttall's Woodpecker, 3; Red-breasted Sapsucker, 1; California Woodpecker, 8; Lewis' Woodpecker, 11; Red-shafted Flicker, 44; White-throated Swift, 16; Anna's Hummingbird, 1; Black Phoebe, 6; California Horned Lark, 30; Yellow-billed Magpie, 16; Coast Steller Jay, 11; California Jay, 28; Western Crow, 5; Western Meadowlark, 27; Brewer's Blackbird, 185; California Purple Finch, 2; California Linnet, 1400+; Willow Goldfinch, 4; Green-backed Goldfinch, 84; Pine Siskin, 5; Oregon Vesper Sparrow, 2; Western Savannah Sparrow, 5; Bryant's Savannah Sparrow, 6; Western Lark Sparrow, 4; Gambel's

White-crowned Sparrow, 149; Puget-sound White-crowned Sparrow, 156; Golden-crowned Sparrow, 110; Oregon Junco, 44; Rufous-crowned Sparrow, 2; Santa Cruz Song Sparrow, 30; Salt Marsh Song Sparrow, 7; Spotted Towhee, 26; Brown Towhee, 12; California Shrike, 13; Hutton's Vireo, 2; Audubon's Warbler, 17; Pipit, 75; Western Mockingbird, 1; California Thrasher, 2; Canyon Wren, 2; Vigors Wren, 13; Slender-billed Nuthatch, 8; Plain Titmouse, 20; Chestnut-backed Chickadee, 6; Bush-Tit, 140+; Wren-Tit, 18; Ruby-crowned Kinglet, 18; Hermit Thrush, 9; Western Robin, 1; Varied Thrush, 15; Western Bluebird, 16. Total, 63 species, 5868+ individuals.—GAYLE B. PICKWELL, BARBARA NORRIS, HOMER LOWE, CHARLES PIPER SMITH, EMILY SMITH, GLADYS RECORD, HELENA WRIGHT, and PHYLLIS BROWN.

Santa Barbara, Calif.—Dec. 20; 5.50 A.M. to 6.10 P.M. Clear and pleasant, very light westerly air; temp. 77° max., 45° min. The visibility was extremely good and the sky was practically cloudless all day. Territory was from 11½ miles east of to 3½ miles west of Santa Barbara (15 miles in air-line east to west). From 3 miles south out in the Santa Barbara Channel, north to the foothills, including the Blakley Botanic Garden in Mission Cañon, but not more than 3½ miles from the shore, up to an elevation of about 1000 feet. Observers in three parties. Western Grebe, 50±; Horned Grebe, 1; Eared Grebe, 3; Pied-billed Grebe, 1; Loon, 1; Pacific Loon, 4; Red-throated Loon, 6; Glaucous-winged Gull, 1; Western Gull, 300±; California Gull, 500±; Ring-billed Gull, 25±; Short-billed Gull, 5; Heermann's Gull, 2; Bonaparte's Gull, 300±; Royal Tern, 30±; Farallone Cormorant, 30±; Brandt's Cormorant, 30±; Baird's Cormorant, 2; California Brown Pelican, 8; Red-breasted Merganser, 2; Mallard, 5; Baldpate, 4; Green-winged Teal, 5; Shoveller, 15+; Pintail, 75±; Redhead, 1; Canvasback, 60±; Lesser Scaup, 30; Ring-necked Duck, 1; Bufflehead, 2; White-winged Scoter, 10+; Surf Scoter, 10+; Ruddy Duck, 100±; Whistling Swan, 1; California Great Blue Heron, 3; American Egret, 6; Black-crowned Night Heron, 2; Sora Rail, 1; Coot, 1000±; Least Sandpiper, 1; Red-backed Sandpiper, 2; Western Sandpiper, 6; Sanderling, 150±; Lesser Yellowlegs, 1; Western Willet, 2; Spotted Sandpiper, 1; Black-bellied Plover, 11; Killdeer, 20+; Snowy Plover, 25; Valley Quail, 3; Western Mourning Dove, 13; White-tailed Kite, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Western Red-tailed Hawk, 6; Red-bellied Hawk, 2; Duck Hawk, 1; Pigeon Hawk, 1; Sparrow Hawk, 30±; Southern California Screech Owl, 2; Burrowing Owl, 2; Roadrunner, 3; Western Kingfisher, 1; Cabanis Woodpecker, 2; Nuttall's Woodpecker, 2; California Woodpecker, 25+; Red-shafted Flicker, 50±; Anna's Hummingbird, 6; Say's Phoebe, 15±; Black Phoebe, 6; Flycatcher, 1 (undoubtedly 'Gray'); California Horned Lark, 30±; California Jay, 12+; Western Crow, 9; Dwarf Cowbird, 5; San Diego Redwing, 5; Western Meadowlark, 100±; Brewer's Blackbird, 100±; California Purple Finch, 26; California Linnet, 300±; Willow Goldfinch, 20±; Green-backed Goldfinch, 50±; Western Savannah Sparrow, 12; Belding's Sparrow, 3; Large-billed Sparrow, 1; Western Lark Sparrow, 15+; Gambel's Sparrow, 10±; Nuttall's Sparrow, 50+; Golden-crowned Sparrow, 10+; Western Chipping Sparrow, 5; Sierra Junco, 10+; Rufous-crowned Sparrow, 3; San Diego Song Sparrow, 3; Lincoln's Sparrow, 2; Fox (thick-billed type) Sparrow, 1; Fox (Valdez type) Sparrow, 10; Spurred Towhee, 12+; Anthony's Brown Towhee, 40±; California Shrike, 4; Hutton's Vireo, 5; Dusky Warbler, 3; Audubon's Warbler, 300±; Tule Yellow-throat, 2; Pipit, 10; Western Mockingbird, 3; California Thrasher, 2; Rock Wren, 1; Dotted Canyon Wren, 1; San Diego Wren, 3; Western House Wren, 1; Tule Wren, 1; Plain Titmouse, 6; Coast Bush-Tit, 25±; Pallid Wren-Tit, 10+; Western Ruby-crowned Kinglet, 10±; Western Gnatcatcher, 5; Alaska Hermit Thrush, 7; Dwarf Hermit Thrush, 12; Western Robin, 4; Northern Varied Thrush, 13; Western Bluebird, 6. Total, 121 species, 4609± individuals. For Gray Flycatcher see 'A Distributional List of the Birds of California Pacific Coast Avifauna,' by Joseph Grinnell.—MRS. HENRY E. PARMENTER, MISS M. E. WEBB, MRS. R. L. WINCHELL, DR. W. R. VARICK, COMMANDER H. E. PARMENTER, MR. and MRS. R. H. CANTERBURY, and MR. RALPH HOFFMANN (members of the Santa Barbara Museum of Natural History).

Santa Monica Mts. (Los Angeles Co.), Calif. (region of Chalk Hills to Malibu Lake and Seminole Hot Springs).—Dec. 23; 7.30 A.M. to 4.45 P.M. Clear; cool; slight wind; temp. 45° at start, 63° on return. Oak-covered hills, grain fields, chaparral, lake and sedgy margins, and a cool glade on north slope. Over 10 miles on foot. Observers together except brief jaunts. Eared Grebe, 2; Pied-billed Grebe, 3; Farallone Cormorant, 1; Redhead, 4; Canvasback, 38; Bufflehead, 2; Ruddy Duck, 3; California Great Blue Heron, 3; Black-crowned Night Heron, 5; Coot, 300; Wilson's Snipe, 1; Least Sandpiper, 12; Killdeer, 4; California Quail, 34; Western Mourning Dove, 14; Turkey Vulture, 4; Sharp-shinned Hawk, 2; Western Red-tail, 4; (Swainson ?) Hawk, 1; Desert Sparrow Hawk, 9; Roadrunner, 1; Red-breasted Sapsucker, 2; California Woodpecker, 7; Red-shafted Flicker, 8; Anna's Hummingbird, 1; Say's Phoebe, 4; Black Phoebe, 7; California Horned Lark, 15; California Jay, 22; Western Crow, 2; Dwarf Cowbird, 4; Western Meadowlark, 22; Brewer's Blackbird, 250; California Purple Finch, 2; House Finch, 225; Willow Goldfinch, 1; Lawrence's Goldfinch, 3; Green-backed Goldfinch, 78; Western Vesper Sparrow, 1; Western Savannah Sparrow, 3; Western Lark Sparrow, 22; Gambel's Sparrow, 24; Golden-crowned Sparrow, 7; Western Chipping Sparrow, 5; Thurber's Junco, 9; San Diego Song Sparrow, 4; Fox Sparrow (brown), 9; Fox Sparrow (gray), 7; San Diego Spotted Towhee, 11; Anthony's Towhee, 26; California Shrike, 8; Hutton's Vireo, 1; Audubon's Warbler, 44; Tule Yellow-throat, 1; Pipit, 35; Western Mockingbird, 1; California Thrasher, 5; Dotted Canyon Wren, 1; San Diego Wren, 8; Western House Wren, 1; Western Marsh Wren, 1; Plain Titmouse, 2; Bush-Tit, 38; Pallid Wren-Tit, 8; Ruby-crowned Kinglet, 15; Western Gnatcatcher, 2; Alaska Hermit Thrush, 3; Varied Thrush, 1; Western Bluebird, 6. Total, 69 species, over 1108 individuals. The Snipe was seen at close range, also the Marsh Wren, which acted very Rail-like. Doves were seen at only one locality and Audubon's Warblers were fewer than last year. Observations made with aid of 12X binoculars, through courtesy of Russell Hubricht.—JOSEPHINE SEGER, EDWARD PETERSON, and JOSEPH EWAN



Book News and Reviews

WILD HONEY. By SAMUEL SCOVILLE, JR. Illustrated with twelve reproductions of etchings by EMERSON TUTTLE. An Atlantic Monthly Press Publication; Little, Brown and Company, Boston. Price \$3.

Stories of birds are never so delightful as when they form a rightly proportioned part of their *ambiance*. 'Wild Honey' is a book that the bird-lover might overlook—to his loss—for, interspersed among swamps and snakes and flowers, and "colors which no lie-abeds ever see," it is crowded with living ornithology from cover to cover. Moreover, eight of Mr. Tuttle's harmonious etchings are portraits of birds.

Mr. Scoville's breadth of interests is reminiscent of Thoreau, but his medium is more intimately personal. When he writes, as here, about the outdoors of his own experience, he imparts a peculiarly rich sense of a fortunate heritage as well as of the ecstasy in nature.

A series of twelve essays takes the reader into various enchanting and not too remote regions, from Canada to the Okefinokee Swamp, and the record of happy discovery is blended with the humor and sentiment of companionship under the sky. Occasionally the recurrent accounts of visits to the same place lead to a certain repetition of phrase or visualization, but the defect is a slight one.

The stories of birds are filled with pithy characterizations, sometimes laconic, sometimes poetic, but notable in that style is never flourished at the expense of verity. Thus, says the author, the adjective that best describes the Anhinga is "narrow." The Scarlet Tanager sings his "slow, passionate song . . . as though he loved the beauty of his notes too much to hurry them," and the night performance of the Mockingbird sounds "as if the moonlight itself changed into music." No less entertaining are the more objective accounts of a score of rare birds at home.

Mr. Scoville writes with sympathy, even enthusiasm, about one of his field comrades,

the Egg Collector. Without decrying the aims of the latter, the reader will feel with the author that he has himself chosen the better part.—R. C. M.

MY TROPICAL AIR CASTLE. By FRANK M. CHAPMAN. Illustrated with drawings by FRANCIS L. JAKES and photographs by the author. Published by D. Appleton and Company, New York. 8vo. xvi+417 pages; 66 plates, 29 text illustrations and one map. Price \$5.

Dr. Chapman has found his 'Castle in the Air,' which he has been building since boyhood, on Barro Colorado, an island in the Panama Canal Zone. He has spent parts of four years on Barro Colorado, and now, through the pages of 'My Tropical Air Castle,' he shares with the world his delightful experiences with the life, especially the birds and mammals, of that wonder island. Many naturalists have carried on important research work at the laboratory located there, but few have made such pleasing interpretations of its life. Dr. Chapman is now doing for tropical America what he has already so ably done in temperate America, to make birds a popular subject.

In this volume there are notable contributions to our knowledge of the life history of birds of the tropics which hitherto have been but slightly known and in some instances only through dried skins. The most intensive study was made of the *Oropendolas* of Laboratory Hill. In this same bird association, the nest of Natterer's Cotinga, never before known to science, was discovered and studied. The first chapters of the book are devoted to the island, the 'Castle,' and its surroundings. In chapter six there is an interesting account of carefully devised experiments which settle definitely the much-disputed problem of the part smell plays in guiding the Turkey Buzzard to its carrion. Perhaps the most fascinating reading of the book is the next two chapters devoted to Forest Trails. They relate the thrilling ex-

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