

stream and adjoining the little lake at its source, there were a number of tree sparrows including one pair with newly fledged bob-tailed young. A number were noted along the Blanc Sablon River on the 30th.

Zonotrichia leucophrys leucophrys (Forster).
White-crowned Sparrow.

This species suffered severely in the cold weather at Seven Islands and Mingan, although it was later found fairly common throughout the breeding range as far east as Blanc Sablon. From Wolf Bay Sanctuary eastward, it was particularly noticeable.

Zonotrichia albicollis (Gmelin).
White-throated Sparrow.

White-throats were abundant about Seven Islands and Mingan but diminished in numbers to the east. They were fairly common as far east as Natashquan but scarce beyond that point. The last one was noted at St. Paul's River June 27.

Passerella iliaca iliaca (Merrem).
Eastern Fox Sparrow.

Fox sparrows were fairly common about Seven Islands June 4 and about Eskimo Island on the 9th. The species was not again noted until the 20th on St. Mary's Islands when one or two were seen and a dead bird was found under the ramp to the boathouse. Numbers of singing males were first heard

at La Tabatiere on the 23rd, where as many as eight individuals were heard from one spot. Farther east the birds were rather scarce, although they were seen at Spoon Cove, St. Paul's River, and Bradore Bay.

Melospiza lincolni lincolni (Audubon).
Lincoln's Sparrow.

Lincoln's sparrow was not common, although it was conspicuous in migration on the Birch Islands June 7 and 8. It was seen at intervals, however, and heard more frequently east to Bradore Bay. It was never abundant and was difficult to see in the thick brush it frequented.

Melospiza georgiana subsp. Swamp Sparrow.

Swamp sparrows were seen only at Seven Islands June 4 and at Wolf Bay June 18. At the latter place a single bird was on the beach with a northern water-thrush and several white-crowned sparrows.

Melospiza melodia melodia (Wilson).
Eastern Song Sparrow.

Song sparrows were not common. Two were noted at Thunder River June 6 and four June 8 on Inner Birch Island.

Calcarius lapponicus lapponicus (Linnaeus).
Lapland Longspur.

Six longspurs were present on the beach at Seven Islands June 4.

CHRISTMAS BIRD CENSUS — 1951¹

St. John's, Nfld. — (City and half mile of coast at both Torbay and Witless Bay). December 26, 1951; 9.00 a.m. to 4.00 p.m.; temp. 20°F; light NW winds; overcast and intermittent snow flurries; 6 in. of snow on ground; 3 observers in 2 parties; 3 feeding station observers; total hours 51; total miles 83; (31 on foot, 52 by car). — Old-squaw, 24; Common Eider, 158 (plus); King Eider, 1; Sharp-shinned Hawk, 3; Pigeon Hawk, 1; Herring Gull, 14; Dovekie, 18; Black Guillemot, 10; Rock Dove, 310; Yellow-shafted Flicker, 3; Downy Woodpecker, 1; Raven, 5; Crow, 394 (plus); Black-capped Chickadee, 98; Brown-capped Chickadee, 15; Golden-crowned Kinglet, 12; Common Starling, 610; English Sparrow, 304 (plus); Evening Grosbeak, 8;

Purple Finch, 42; Pine Grosbeak, 72. — Total 21 species; 2103 individuals (plus). (Seen in area next day, Snowy Owl, 1; Robin, 35). — Mrs. A. G. Gosling, Miss C. Furlong, Mr. & Mrs. G. Cameron, Mr. & Mrs. P. B. Rendell, Mr. & Mrs. J. S. Canning, H. H. Winter, John Macgillivray, L. M. Tuck (Newfoundland Natural History Society).

Quebec, Que. — (Quebec city, Plains of Abraham, to Sillery, Bois Gomin, Ste. Foy and Quebec bridge area, Quebec Zoological Garden and Charlesbourg, and along the St. Lawrence River from Quebec bridge to Island of Orleans bridge); town suburbs 22%, fields 16%, coniferous forest 7%, deciduous woods 26%, mixed woodlands 20%, shores 9%. — Dec. 27; 7.00 a.m. to 4.15 p.m. Light snow, partly cloudy, temp. 0° to 14°F; wind NW.

¹ Received for publication March 19, 1952.

1-3 m.p.h.; 22-24 inches snow on ground; small rivers partly frozen, exceptionally large and compact moving ice-fields on the St. Lawrence River. Twelve observers in 5 parties. Total party hours, 32 (28 on foot, 4 by car); total party miles, 61 (21 on foot, 40 by car). — Sharp-shinned Hawk, 1; Ruffed Grouse, 4; Ring-necked Pheasant, 2; Herring Gull, 6; Hairy Woodpecker, 5; Blue Jay, 1; American Crow, 2; Black-capped Chickadee, 37; Brown-capped Chickadee, 1; Brown Creeper, 1; Common Starling, 15; English Sparrow, 383; Red-winged Blackbird, 1; Evening Grosbeak, 7; Pine Grosbeak, 18. — Total 15 species, 484 individuals. (Seen in area Dec. 25: Arctic three-toed Woodpecker, 1; Snow Bunting, 50; Dec. 26: Common Redpoll, 1). — A. Fortin, P. Grenier, F. Hamel, L. Lemieux, G. Lepage, R. Lepage, Louis A. Lord, J. Lord, G. Lord, G. Moisan, H. Talbot, R. Cayouette (La Société Zoologique de Québec).

Montreal, Que. — (Mount Royal, Ville LaSalle, St. Helen's Island, Nun's Island, south shore from Jacques Cartier Bridge to Caughnawaga, and the north shore from Dorval to Victoria Bridge). — Dec. 23, 1951; 8.30 a.m. to 4.30 p.m. Bright and clear. Wind velocity 5 to 10 m.p.h. N.N.W. Depth of snow 18 to 24 inches. All creeks and marshes frozen. Ice on river very heavy. Twenty-one observers in seven parties. Total party hours, 28; (17 on foot, 9 by car, 2 by boat.) Total party miles, 76; (15 on foot, 60 by car, 1 by boat). — Black Duck, 66; Am. Golden-eye, 1170; Am. Merganser, 88; Goshawk, 1; Sharp-shinned Hawk, 2; Am. Rough-legged Hawk, 1; Sparrow Hawk, 2; Hungarian Partridge, 14; Ring-necked Pheasant, 50; Glaucous Gull, 1; Great Black-backed Gull, 9; Herring Gull, 40; Ring-billed Gull, 1; Rock Dove, not estimated; Great Horned Owl, 2; Snowy Owl, 2; Short-eared Owl, 1; Hairy Woodpecker, 8; Downy Woodpecker, 18; Horned Lark, 10; Crow, 8; Black-capped Chickadee, 47; White-breasted Nuthatch, 6; Brown Creeper, 15; Starling, 27; English Sparrow, not estimated; Evening Grosbeak, 19; Pine Grosbeak, 3; Common Redpoll, 6; Crossbill, species ?, 6; Snow Bunting, 53. — Total 31 species; 1676 individuals. — Miss Simonne Boyer, J. D. Cleghorn, Mr. & Mrs. J. D. Elliott, D. Garneau, Rev. V. Gaboriault, Miss G. Hibbard, H. Longley, Rev. Bro. Matthias, W. McBride, Ian McLaren, G. H. Montgomery, John M. Montgomery, J. Normandin, Mrs. P. Roberts,

J. W. Robinson, Dan Ryan, Mr. & Mrs. L. M. Terrill, Miss M. Wilson, Richard Yates.

Ottawa, Ont. — December 31, 1951, 8.00 a.m. to 5.00 p.m. 28 observers in 12 parties. Total hours 60; total miles 205 by car, 46 on foot. — American Golden-eye, 87; American Merganser, 20; Sparrow Hawk, 2; Ruffed Grouse, 6; Hungarian Partridge, 16; Ring-necked Pheasant, 8; Rock Dove, 239; Barred Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 7; Canada Jay, 2; Blue Jay, 42; Crow, 2; Black-capped Chickadee, 128; Brown-capped Chickadee, 3; White-breasted Nuthatch, 24; Red-breasted Nuthatch, 4; Brown Creeper, 1; Starling, 640; English Sparrow, 1446; Evening Grosbeak, 35; Pine Grosbeak, 79; Goldfinch, 2; Slate-coloured Junco, 2; Tree Sparrow, 6; Lapland Longspur, 2; Snow Bunting, 286. — Total 28 species, 3096 individuals. — K. Bowles, H. M. Brown, H. Lloyd, R. Frith, Wing Commander D. A. MacLulich, Mr. A. R. Taysom, W. J. Smith, B. M. Millman, P. M. Millman, Comdr. T. F. T. Moreland, Mrs. C. E. Seville, Miss V. Humphries, Miss Anne Banning, Mrs. K. Hoare, Mrs. E. Doull, Mrs. H. F. Lewis, Dr. C. Frankton, Mrs. C. Frankton, Dr. L. S. Russell, Mrs. L. S. Russell, Dr. Harrison F. Lewis, Dr. V. E. F. Solman, Mrs. V. E. F. Solman, J. S. Tener, Mrs. J. S. Tener, A. E. Bourguignon, Miss M. Flynn, Miss V. Ross.

Carleton Place, Ont. — Dec. 29, 1951; 2.00 p.m. to 5.00 p.m., overcast, temp. 29°; depth of snow 15"; time 12 hours; number of miles — 4 on foot 110 by car. — Ruffed Grouse, 4; Downy Woodpecker, 3; Hairy Woodpecker, 1; Pileated Woodpecker, 1; Blue Jay, 9; Black-capped Chickadee, 22; White-breasted Nuthatch, 2; Starling, 9; English Sparrow, 141; Evening Grosbeak, 15; Pine Grosbeak, 9; Slate-coloured Junco, 1; Snow Bunting, 66. — Total 13 species; total birds 283. (Seen in area during December Hudsonian Chickadee, 1; Goldfinch, 25; Canada Jay, 1). — Jennifer Findlay, G. E. Findlay, H. M. Brown, D. D. Findlay, E. H. Ritchie, D. K. Findlay, Mrs. D. K. Findlay, D. H. Findlay, D. G. Findlay, W. F. Findlay, Mrs. W. F. Findlay, Kate, Pete and Jeannie Findlay.

Pakenham, Lanark Co., Ont. — December 28, 1951; 7.30 a.m. to 4.00 p.m., temp. — 27°F. at start to 2°F., wind light, clear sky to intermittent snow after 2.00 p.m.; heavy mist over open water; 18 in. snow; 7 observers,

total miles 37 (12 on foot, 25 by car). — Black Duck, 1; Rock Dove, 4; Hairy Woodpecker, 3; Downy Woodpecker, 1; Blue Jay, 7; Crow, 2; Black-capped Chickadee, 5; White-breasted Nuthatch, 2; Starling, 3; English Sparrow, 89; Evening Grosbeak, 6; Tree Sparrow, 2; Snow Bunting, 56. — Total species, 13; 181 individuals. (Present in area Dec. 23-31: Hungarian Partridge, American Merganser, Pileated Woodpecker). — M. Flynn, Verna M. Ross, Edna G. Ross, A. E. Bourguignon, R. M. McKenzie, Bill McKenzie, Douglas Deugo.

Kingston, Ont. — December 26, 1951; (7½ mile radius centering on MacDonald Park, Kingston and including Cataraqui River and Creek, shores and waters of Lake Ontario and St. Lawrence River, Wolfe and adjacent Islands: farm land 30%, urban centres 4%, marshes 12%, water 30%, mixed woodlands 24%); 8:30 a.m. to 4:30 p.m., 2 feet of snow, marshes and rivers frozen, bays in Lake Ontario largely open, St. Lawrence River open; temp. 10° to 20°F., clear, wind N.W. 10-15 m.p.h. Thirteen observers in 4 parties. Total party hours 63.5; total party miles 194 (21 on foot, 169 by car, 4 by boat). — Common Loon, 2; Black Duck, 24; Greater Scaup Duck, 245; American Golden-eye, 953; Bufflehead, 1; American Merganser, 502; Red-breasted Merganser, 19; Bald Eagle, 3; Sparrow Hawk, 1; Ruffed Grouse, 11; Hungarian Partridge, 73; Ring-necked Pheasant, 8; Glaucous Gull, 1; Great Black-backed Gull, 50; Herring Gull, 358; Ring-billed Gull, 5; Great Horned Owl, 1; American Long-eared Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 9; Blue Jay, 20; Black-capped Chickadee, 68; White-breasted Nuthatch, 7; Starling, 564; English Sparrow, 707; Eastern Meadowlark, 3; Evening Grosbeak, 1; Pine Siskin, 3; American Goldfinch, 7; Slate-coloured Junco, 1; Tree Sparrow, 10; Snow Bunting, 117. — Total 32 species, about 3677 individuals (seen in area Dec. 23 Horned Grebe, 3; Pied-billed Grebe, 1; Crow, 1; Brown-capped Chickadee, 4; Brown Creeper, 1; Cardinal, 1; Pine Grosbeak, 1. — J. Argue, A. Bell, I. Boardman, J. Cartwright, A. Hyde, I. Hyde, W. Lamb, A. Peters, S. Peters, R. Stewart, G. Stirrett (Compiler), R. Travers, L. Ward (Kingston Nature Club).

Toronto, Ont. — Dec. 23, 1951; 7.00 a.m. to 5.00 p.m.; dull and cold, no wind; temp. 9° to 19°; ground everywhere covered with

10" to 12" of snow; ponds and rivers frozen; 86 observers in 24 parties; total hours, 138. — Great Blue Heron, 4; Mallard, 373; Black Duck, 527; Pintail, 1; Redhead, 4; Greater Scaup, 2,862; Lesser Scaup, 4; American Golden-eye, 290; Bufflehead, 81; Old-squaw, 1,034; American Merganser, 95; Red-breasted Merganser, 11; Cooper's Hawk, 7; Red-tailed Hawk, 22; Rough-legged Hawk, 6; Marsh Hawk, 6; White Gyrfalcon, 1; Peregrine Falcon, 1; Sparrow Hawk, 29; Ruffed Grouse, 10; Ring-necked Pheasant, 345; Glaucous Gull, 5; Iceland Gull, 1; Great Black-backed Gull, 21; Herring Gull, 1,863; Ring-billed Gull, 21; Mourning Dove, 1; Screech Owl, 3; Horned Owl, 7; Long-eared Owl, 10; Short-eared Owl, 12; Saw-whet Owl, 2; Kingfisher, 7; Yellow-shafted Flicker, 1; Hairy Woodpecker, 45; Downy Woodpecker, 177; Arctic Three-toed Woodpecker, 1; Horned Lark, 2; Blue Jay, 133; Raven, 1; Crow, 231; Black-capped Chickadee, 779; Brown-capped Chickadee, 1; White-breasted Nuthatch, 133; Red-breasted Nuthatch, 1; Brown Creeper, 21; Winter Wren, 7; Carolina Wren, 1; Catbird, 1; Robin, 2; Golden-crowned Kinglet, 34; Starling, 6,080; English Sparrow, 2,161; Red-winged Blackbird, 1; Bronzed Grackle, 2; Cardinal, 107; Evening Grosbeak, 31; Purple Finch, 8; Pine Grosbeak, 107; Common Redpoll, 175; Pine Siskin, 10; American Goldfinch, 419; Eastern Towhee, 1; Slate-colored Junco, 246; Oregon Junco, 1; Tree Sparrow, 262; White-throated Sparrow, 5; Swamp Sparrow, 3; Song Sparrow, 40; Lapland Longspur, 16; Snow Bunting, 1,548. — Total 71 species, 20,458 individuals. — J. L. Baillie, (compiler), Robt. Bateman, Ross Bateman, D. Beacham, G. Bennett, F. Bodsworth, O. D. Boggs, A. Bunker, D. Burton, L. Butcher, W. Carrick, G. Clark, V. Clark, C. H. D. Clark, J. Comer, F. Cook, C. Davies, I. Davies, A. Dawe, M. Easto, F. H. Emery, B. Foster, G. Francis, G. Gibson, A. Gordon, W. Gunn, H. Halliday, Paul Harrington, Peter Harrington, C. Helleiner, F. Helleiner, A. Helmsley, C. Hope, R. James, F. Keim, G. Lambert, A. Lamsa, C. Leavens, B. LeVay, F. LeVay, N. LeVay, T. LeVay, C. Lennox, J. Livingston, H. Lumsden, D. Marsh, N. Martin, W. Martin, K. Mayall, L. McDougall, W. McGregor, T. McIlwraith, J. McIntyre, F. Meuller, W. Milne, A. Mitchener, R. Pannell, D. Perks, A. Reid, R. Riseborough, R. Ritchie, T. Russell, R. M. Saunders, D. Scovell, R. Scovell, J. Sherrin, T. Shortt, D. Smith, F. Smith, W. Smith, L. L. Snyder,

J. Speakman, D. Speirs, J. M. Speirs, R. Stewart, J. Strickland, A. Strong, E. Talvila, R. Tasker, S. L. Thompson, E. Thorn, L. Walden, W. Wasserfall, D. West, J. D. West, J. Woodford (Brodie Club and co-operators).

Barrie, Ont. — (Shanty Bay, Tollendal, Highway 90, Camp Borden, Lisle, Alliston, Big Bay Point, Midhurst Park and District). — Dec. 30, 1951; 8 a.m. to 5 p.m.; temp. 34°; bright; mild; wind NW; depth of snow in open country 18 in.; no open water on bay; 21 observers in 5 cars; total hours, 24.5; total miles, 125 (115 by car, 10 on foot). — Ruffed Grouse, 11; Pheasant, 1; Herring Gull, 2; Great Horned Owl, 1; Barred Owl, 2; Short-eared Owl, 1; Kingfisher, 1; Hairy Woodpecker, 4; Downy Woodpecker, 4; Blue Jay, 45; Chickadee, 118; White-breasted Nuthatch, 16; Brown Thrasher, 1; Golden-crowned Kinglet, 1; Starling, 40; English Sparrow, 389; Cardinal, 1; Evening Grosbeak, 27; Pine Grosbeak, 72; Redpoll, 26; Siskin, 31; Goldfinch, 15; Junco, 1; Tree Sparrow, 26; White-throated Sparrow, 1; Snow Bunting, 75. — Total, 26 species, 924 individuals. — Brereton Field-Naturalists' Club.

London, Ont. — (Thames River from London to Wonnacotts and a small portion of the West end of Dorchester Swamp.) Dec. 29, 1951; 8.00 a.m. to 5.00 p.m.; 28°F.; clear; 18-24" snow. Thirty-nine observers. — Mallard Duck, 1; Black Duck, 13; Greater Scaup Duck, 1; American Golden-eye, 171; Hooded Merganser, 1; American Merganser, 45; Sharp-shinned Hawk, 3; Cooper's Hawk, 5; Red-tailed Hawk, 19; Red-shouldered Hawk, 1; Rough-legged Hawk, 2; Bald Eagle, 1; Ruffed Grouse, 4; Ring-necked Pheasant, 35; Virginia Rail, 1; Herring Gull, 8; Rock Dove, 89; Mourning Dove, 23; Screech Owl, 1; Great Horned Owl, 4; Long-eared Owl, 1; Belted Kingfisher, 7; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 17; Downy Woodpecker, 64; Prairie Horned Lark, 4; Blue Jay, 76; Crow, 16; Black-capped Chickadee, 255; Brown-capped Chickadee, 2; White-breasted Nuthatch, 42; Red-breasted Nuthatch, 2; Brown Creeper, 15; Winter Wren, 6; Golden-crowned Kinglet, 31; Starling, 256; English Sparrow, 828; Cowbird, 1; Cardinal, 147; Evening Grosbeak, 10; Purple Finch, 2; Pine Grosbeak, 26; Goldfinch, 80; Slate-coloured Junco, 139; Tree Sparrow, 144; Song Sparrow, 25; Lapland Longspur, 9; Snow Bunting, 118. — Total 48 species, at least 2,753 individuals. (Species

observed in the area recently: Great Blue Heron, Northern Shrike, Redpoll Linnet, American Robin, Eastern Meadowlark, Carolina Wren). — William G. Girling, The McIlwraith Ornithological Club.

Kitchener, Ont. — (Kitchener NE to Bridgeport; W. to Westmount Golf Club S. to Preston; E. to Breslau, along the Grand River to Blair.) Dec. 30, 1951; 8.00 a.m. to 5.00 p.m.; sky overcast; temp. 38° — 40°F.; no wind; deep cover of snow, 17 observers in 7 parties. Total miles on foot approximately 50. Total hours in field 30. — Mallard Duck, 12; Black Duck, 66; American Golden-eye, 23; American Merganser, 24; Cooper's Hawk, 1; Red-tailed Hawk, 2; Ruffed Grouse, 22; Ring-necked Pheasant, 29; Herring Gull, 8; Rock Dove, 60; Great Horned Owl, 1; Downy Woodpecker, 23; Hairy Woodpecker, 1; Pileated Woodpecker, 4; Kingfisher, 1; Horned Lark, 1; Blue Jay, 20; Black-capped Chickadee, 215; Brown-capped Chickadee, 2; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 2; Brown Creeper, 8; Winter Wren, 2; American Robin, 1; Golden-crowned Kinglet, 9; Starling, 97; Redpoll, 2; English Sparrow, 190; Cardinal, 55; Purple Finch, 1; Pine Grosbeak, 19; American Goldfinch, 45; Tree Sparrow, 12; Song Sparrow, 3; Slate-coloured Junco, 19; Snow Bunting 20. — Total, 36 species, 1010 individuals. (Also seen during the census week — Great Blue Heron, 1; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Common Shrike, 1; Snow Bunting, 200). — E. M. Carter.

Galt, Ont. — December 26th, 1951; 1.00 p.m. to 3.30 p.m. at a feeding station near a home on the outskirts of Galt and an area stretching for 1½ miles along the west bank of the Grand River; clear, calm, temp. 20°F.; 1½' to 2' of snow, 2 observers together. — Black Duck, 65; American Golden-eye, 50; American Merganser, 8; Sparrow Hawk, 1; Ring-necked Pheasant, 40; Herring Gull, 17; Rock Dove, 14; Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 8; Black-capped Chickadee, 11; Brown Creeper, 1; English Sparrow, 15; Starling, 2; Cardinal, 8; Goldfinch, 7; Slate-coloured Junco, 11. — Total 17 species; 260 individuals. — Margaret Stuart, Mary Stuart.

St. Thomas, Ont. — (7½ mile radius centering on a point 3 miles southeast of St. Thomas; pasture 15%, deciduous woodlots 15%, creek banks 25%, evergreen plantations

10%, lake front 10%, town suburbs 25%). Dec. 30, 7.25 a.m. to 5.30 p.m. Hazy, then clear, temp. 34° to 45°; wind SW to NE, 1 m.p.h.; about 12" of snow in wooded areas; all ponds frozen, but parts of creeks open; slushy ice out to at least one mile on Lake Erie. Twenty observers in five parties, and including six feeding stations in the same area. Total party hours 36 (30 on foot, 6 by car); total party-miles, 80 (22 on foot, 58 by car). — Great Blue Heron, 2; Canada Goose, 2; Mallard Duck, 4; Black Duck, 29; American Golden-eye, 20; Red-tailed Hawk, 12; Red-shouldered Hawk, 2; Rough-legged Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 3; Ruffed Grouse, 4; Ring-necked Pheasant, 18; Herring Gull, 6; Ring-billed Gull, 4; Mourning Dove, 26; Long-eared Owl, 2; Short-eared Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 2; Pileated Woodpecker, 2; Hairy Woodpecker, 9; Downy Woodpecker, 35; Horned Lark, 26; Blue Jay, 42; Crow, 2; Black-capped Chickadee, 290; Brown-capped Chickadee, 5; White-breasted Nuthatch, 25; Red-breasted Nuthatch, 7; Brown Creeper, 6; Winter Wren, 1; Golden-crowned Kinglet, 6; Starling, 263; English Sparrow, 310; Cardinal, 56; Am. Goldfinch, 295; Eastern Towhee, 2; Slate-coloured Junco, 86; Evening Grosbeak, 7; Pine Grosbeak, 5; Tree Sparrow, 79; Field Sparrow, 12; White-throated Sparrow, 2; Song Sparrow, 11; Lapland Longspur, 5; Snow Bunting, 301. — Total 46 species; about 2,051 individuals. (Seen in area Dec. 26 Tufted Titmouse, 1). — Mrs. E. Allan, C. Ashbury, L. Auckland, C. Bartlett, Mrs. F. Bell, C. Clarke, Mrs. R. Coombs, A. Curtis, Mr. & Mrs. J. Field, M. Field (Compiler), R. Foster, Mrs. W. K. Hodgkinson, C. Johnson, Mrs. J. Marr, D. Neill, W. Rankin, W. Stewart, A. Strieb, D. Young (St. Thomas Field Naturalists' Club).

West Elgin, Ont. — (area within 15 mile circle centered one mile north of West Lorne; pasture land 10%, agricultural land 10%, deciduous woods 20%, conifer groves, 5%, lake shore 15%, river banks and creek gulleys 40%). Dec. 26, 1951; 7.30 a.m. to 5.15 p.m. Clear sky until mid-afternoon when complete high overcast moved in from the NW, temp. steady at 17° all day; wind NW, 8 m.p.h., 6 inches of loose snow on top of 9 inches of crusted snow with drifts up to 3 feet in depth; walking conditions very poor. Thames river frozen, except for rapids, scattered ice

fields on Lake Erie. Fifteen observers in 5 parties. — Total Hours 27½; total miles, 72 (45 by car, 27 on foot). — American Golden-eye, 87; Sharp-shinned Hawk, 3; Cooper's Hawk, 1; Red-tailed Hawk, 12; Red-shouldered Hawk, 1; Rough-legged Hawk, 4; Bald Eagle, 1; Bob-white Quail, 8; Ring-necked Pheasant, 7; Ruffed Grouse, 2; Herring Gull, 3; Mourning Dove, 12; Screech Owl, 1; Horned Owl, 1; Long-eared Owl, 1; Short-eared Owl, 1; Red-bellied Woodpecker, 4; Pileated Woodpecker, 1; Downy Woodpecker, 31; Hairy Woodpecker, 10; Horned Lark, 12; Blue Jay, 8; American Crow, 10; Black-capped Chickadee, 146; Brown-capped Chickadee, 8; White-breasted Nuthatch, 5; Brown Creeper, 3; American Robin, 2; Golden-crowned Kinglet, 30; Starling, 85; English Sparrow, 220; Rusty Blackbird, 3; Cardinal, 40; Evening Grosbeak, 1; Pine Grosbeak, 32; American Goldfinch, 64; Eastern Towhee, 1; Slate-coloured Junco, 52; Tree Sparrow, 106; Song Sparrow, 4; Snow Bunting, 210. — Total 41 species, about 1,233 individuals. — (Seen recently, Marsh Hawk, Sparrow Hawk, Common Redpoll). — Jack Arnold, S. M. Lancaster, H. L. Lancaster, V. Earl Lemon, R. E. Lemon, Mr. and Mrs. H. Mylrea, Ken Mylrea, David Murray, Donald Murray, Dougald Murray, David Robinson, Miss E. Sifton, Dr. A. C. Steele, Ruth Steele (West Elgin Nature Club).

Point Pelee, Ont. — (The National Park and some agricultural land at north edge; agricultural land 25%, marshland, 20%, deciduous woods 20%, red cedar groves 15%, lake shore 20%). Dec. 29, 1951; 9.00 a.m. to 3.45 p.m. Complete overcast, temp. 26° all day; light SW wind, 5 m.p.h.; marshes frozen, creeks mostly frozen; Lake Erie frozen on west side of point, patches of ice on east side; 10 inches of snow on ground. Two observers in 1 party. Total party hours, 6¾ (3 on foot, 3¾ by car); Total party miles, 37 (4½ on foot, 32½ by car). — American Golden-eye, 21; Bufflehead, 4; American Merganser, 4; Red-tailed Hawk, 2; Bald Eagle, 3; Marsh Hawk, 3; Ring-necked Pheasant, 5; Herring Gull, 15; Mourning Dove, 3; Hairy Woodpecker, 1; Downy Woodpecker, 6; Horned Lark, 100; Black-capped Chickadee, 16; Brown Creeper, 2; Golden-crowned Kinglet, 3; Starling, 16; English Sparrow, 103; Crow, 331; Cowbird, 1; Cardinal, 23; Evening Grosbeak, 38; American Goldfinch, 3; Eastern Towhee, 1; Slate-coloured Junco, 7; Tree

Sparrow, 145; Swamp Sparrow, 1; Song Sparrow, 1; Snow Bunting, 187. — Total 28 species, approximately 1047 individuals. — Fred M. Helleiner, Alden M. Strong.

Meaford, Ont. — (east half of town, shore line two miles eastward, part of escarpment 11th line N., St. Vincent Township; feeding station in town; selected spots on Highway 26). Dec. 26, 1951; 10.00 a.m. to 4.00 p.m., 30°F, wind SW, sky clear becoming overcast in the afternoon. Seven observers in three parties. — Black Duck, 1; American Golden-eye, 3; American Merganser, 7; Ruffed Grouse, 10; Herring Gull, 200; Mourning Dove, 4; Rock Dove, 15; Screech Owl, 1; Pileated Woodpecker, 4; Hairy Woodpecker, 3; Downy Woodpecker, 11; Blue Jay, 9; Black-capped Chickadee, 52; White-breasted Nuthatch, 14; Brown Creeper, 3; Winter Wren, 1; Cedar Waxing, 1; Starling, 46; English Sparrow, 90; Pine Grosbeak, 3; Redpoll, 28; Pine Siskin, 1; Slate-coloured Junco, 15; Tree Sparrow, 6; Snow Bunting, 101. — Total 25 species; total individuals 629. — L. H. Beamer.

Peterborough, Ont. — Dec. 31, 1951; 9.30 a.m. to 3.30 p.m.; cloudy and mild in forenoon, some rain in afternoon; wind gusty 5-25 m.p.h. Temp. 34°F; 14" snow. Two observers in 1 party — 16 miles by car, 5 miles on foot. — American Golden-eye, 5; American Merganser, 2; Ruffed Grouse, 4; Pileated Woodpecker, 2; Downy Woodpecker, 1; Black-capped Chickadee, 15; White-breasted Nuthatch, 1; Brown Creeper, 1; Northern Shrike, 1; Starling, 40; English Sparrow, 50; Evening Grosbeak, 52; American Goldfinch, 2; Tree Sparrow, 1. — Total 14 species, 177 individuals. — J. L. McKeever, Derek McKeever.

Huntsville, Ont. — Dec. 23, 1951; 1.30 p.m. to 4.30 p.m.; temp. 7° to 20°F.; overcast, light snow falling; 24 inches snow lying; lakes frozen, river open; 9 observers in 4 parties; total miles, 70, mostly by car. — American Golden-eye, 3; Hooded Merganser, 2; Merganser, 5; Ruffed Grouse, 8; Herring Gull, 1; Kingfisher, 1; Pileated Woodpecker, 2; Hairy Woodpecker, 5; Downy Woodpecker, 2; Canada Jay, 1; Blue Jay, 14; Black-capped Chickadee, 14; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; Brown Creeper, 2; Northern Shrike, 1; Starling, 1; English Sparrow, 12; Evening Grosbeak, 16; Red Crossbill, 9. — Total 20 species; 101 individ-

uals. (Also seen in area during December — Redpoll, Pine Grosbeak, Tree Sparrow, Snow Bunting). — J. Goldthorp, C. Kay, A. May, R. May, Jean May, K. Perrin, R. Rutter, Mrs. E. G. R. Rogers, J. Walter (The Huntsville Nature Club).

North Bay, Ont. — (from city of North Bay, townships of East Ferris, Bonfield, Calvin, villages of Bonfield, Rutherglen, Eau Claire, area around Pimisi Bay, Mattawa River, Kaipuskong River, Kennedy Lake, Smith's Lake, Amable du Fond River, to 10 miles west of Mattawa, Ontario); open farmland 30%, coniferous woodlots and black spruce bog 10%, second growth mixed forest 50%, lakes and rivers 10%, settlements 10%. Dec. 31, 8.00 a.m. to 4.00 p.m., clear to freezing rain, 4 to 33 above F.; wind W. to SE, 5-15 m.p.h.; ground covered with 6 to 10 inches crusty snow; all fresh water except rapids and eddies frozen; one observer; total hours 8; total miles 43 (39 by car, 4 on foot). — American Golden-eye, 6; Pileated Woodpecker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 2; Canada Jay, 3; Blue Jay, 7; Northern Raven, 2; Black-capped Chickadee, 42; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 2; Brown Creeper, 1; Starling, 29; English Sparrow, 20; Pine Grosbeak, 13; Redpoll, 3; Snow Bunting, 3. — Total 16 species, about 142 individuals. — Louise de Kiriline Lawrence.

Port Arthur — Fort William, Ont. — (Bare Point to Kakabeka Falls). — Dec. 26, 1951; 9.00 a.m. to 5.30 p.m.; morning dull with scattered snow flurries, clearing in afternoon. About 2 inches snow on ground; temp. ranged between 15°F. to 12°F. Wind was Northwest from 20 to 30 miles per hour. Relative humidity at 1.30 was 69%. Mountain ash berries scarce, weed seeds easily obtainable. Twenty-six observers in 11 parties. Total party hours 40 (25 on foot, 15 by auto), total party miles — 144 (29 on foot, 115 by auto). — Ruffed Grouse, 9; Herring Gull, 31; Rock Dove, 251; Snowy Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Canada Jay, 3; Blue Jay, 18; Raven, 24; Crow, 6; Black-capped Chickadee, 67; Hudsonian Chickadee, 14; Red-breasted Nuthatch, 2; Bohemian Waxwing, 1; Starling, 112; English Sparrow, 775; Cardinal, 1 (first record of species in area); Evening Grosbeak, 17; Pine Grosbeak, 50; Common Redpoll, 262; Slate-coloured Junco, 1. — Total 21 species, 1647 individuals. —

Mr. & Mrs. P. Addison and sons Bill, Peter and Edward, Dr. & Mrs. A. E. Allin, Ken Campbell, Keith Denis (compiler) and son Norman, Mr. & Mrs. Ken Eoll, Claude Garton, Mr. & Mrs. Hanton, Dr. & Mrs. W. P. Hogarth, Mrs. M. Knowles, Mrs. Pengelley, Mr. A. Robinson, Mr. & Mrs. C. Rydholm and children Louise and Roy, Mr. & Mrs. James Thompson. (Thunder Bay Field Naturalists' Club).

Yorkton, Sask. — (area 15 miles in diameter with Yorkton as center); Dec. 26, 1951; 9.00 a.m. to 4.00 p.m.; Overcast for two hours in midday, otherwise clear; wind NW at 10 to 12 m.p.h.; Temp. 9° to 5°. Ground covered with two inches of snow. 15 observers in 6 parties. Total party hours, 13 (5½ by car, 7½ on foot); Total party miles, 55 (48 by car, 7 on foot). — Pigeon Hawk, 1; Ruffed Grouse, 1; Sharp-tailed Grouse, 10; Hungarian Partridge, 5; Snowy Owl, 1; Blue Jay, 2; Magpie, 24; Black-capped Chickadee, 10; Red-winged Blackbird, 4; English Sparrow, 373; Pine Grosbeak, 5; Redpoll, 8, White-winged Crossbill, 2; Snow Bunting, 395. — Total 14 species, approx. 841 individuals. — Norma Beck, Wayne Bjorgan, Brother Clarence, Brother Vincent, Henry Chilman, Lionel Coleman, Ronald Coleman, Dr. C. J. Houston, Dr. and Mrs. Stuart Houston, Professor Charles Lightbody, Tony Pawluck, Paul Welgan, Ronald Welgan, D'Arcy Wershler. (Yorkton Natural History Society).

Saskatoon, Sask. — (10 mile radius of Saskatoon, including Dominion Forest Nursery Station, Sutherland) December 24, 1951; 8.25 a.m. to 12.15 p.m.; partly cloudy — 14°F. at start; light south wind; 2-6 inches of snow on ground; 2 observers; together most of the time; total miles 43 (3 on foot, 40 by car). — Mallard, 2; Sharp-tailed Grouse, 2; Hungarian Partridge, 6; Chukar Partridge, 7; Snowy Owl, 1; Magpie, 3; Black-capped Chickadee, 2; Red-breasted Nuthatch, 1; Bohemian Waxwing, 130; English Sparrow, 340; White-winged Crossbill, 4; Snow Bunting, 29. — Total 12 species, 527 individuals. — F. J. H. Fredeen, J. B. Gollop.

Vernon, B.C. — (west to Okanagan Landing, north to Buckerfield's Ranch, south to Kalamalka Lake, and east to Coldstream Ranch). Dec. 30, 1951; 9.30 a.m. to 3.30 p.m. Cloudy with frequent sunny intervals; wind north, 10 m.p.h., temp. 6°; 16 inches of snow.

Shore ice on Okanagan and Kalamalka Lakes; Swan Lake completely frozen over. Ten observers in three parties. Total miles by car, approx. 45. — Western Grebe, 1; Mallard, 143; Pintail, 1; Lesser Scaup, 42; American Golden-eye, 7; Old-squaw, 7; American Merganser, 4; Goshawk (?) 1; Sharp-shinned Hawk, 1; Rough-legged Hawk, 2; Ruffed Grouse, 1; California Quail, 1; Ring-necked Pheasant, 178; Coot, 26; Killdeer, 2; Wilson's Snipe, 5; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-shafted Flicker, 38; Hairy Woodpecker, 1; Downy Woodpecker, 3; American Magpie, 15; Raven, 2; Crow, 2; Black-capped Chickadee, 18; Red-breasted Nuthatch, 7; Dipper, 2; Long-billed Marsh Wren, 1; Robin, 124; Varied Thrush, 12; Golden-crowned Kinglet, 15; Alpine Pipit (?), 100; Bohemian Waxwing, 66; Northern Shrike, 2; Starling, 1; English Sparrow, 99; Evening Grosbeak, 327; Common (?) Redpoll, 1; Oregon Junco, 545; Tree Sparrow, 16; White-crowned Sparrow, 1; Song Sparrow, 24. — Total 42 species, approx. 1846 individuals. (Seen during period, Turkey Vulture, Mountain Bluebird, Townsend's Solitaire). — H. Baerg, J. B. Beddome, D. K. Campbell, J. T. Fowle, J. Grant, A. N. Humphries, G. Peacock, J. Quirk, D. A. Ross, B. A. Sugden.

Crescent, B.C. — (Coast and bush between the International Boundary and Nicomekl River, including White Rock pier and Blackie's Spit, Crescent) — Dec. 27, 1951; 8.00 a.m. to 4.30 p.m., temp. about 32°F. at daybreak; light NE wind, six inches of snow on ground, 3 observers in two parties, total miles 15 on foot. — Common Loon, 14; Red-throated Loon, 3; Holboell's Grebe, 3; Horned Grebe, 12; Eared Grebe, 1; Double-crested Cormorant, 1; Great Blue Heron, 3; Black Brant, 2; Mallard, 12; Pintail, 600; Green-winged Teal, 31; Baldpate, 2; Greater Scaup, 88; American Golden-eye, 15; Buffle-head, 30; Old-squaw, 3; White-winged Scoter, 90; Surf Scoter, 55; Red-breasted Merganser, 3; Hooded Merganser, 3; Ring-necked Pheasant, 9; Black-bellied Plover, 12; Least Sandpiper, 1; Red-backed Sandpiper, 167; Glaucous-winged Gull, 54; Short-billed Gull, 20; Red-shafted Flicker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 3; Northwestern Crow, 24; Black-capped Chickadee, 54; Chestnut-backed Chickadee, 11; Winter Wren, 5; Bewick's Wren, 4; American Robin, 29; Varied Thrush, 24; Golden-crowned Kinglet, 26; English Sparrow, 17;

Brewer's Blackbird, 200; Pine Siskin, 25; Oregon Towhee, 13; Slate-coloured Junco, 2; Oregon Junco, 84; Fox Sparrow, 6; Song Sparrow, 15. — Total 46 species; 1780 individuals. (Seen during period Sharp-shinned Hawk; Wilson's Snipe and Purple Finch). — H. N. Clarke, M. W. Holdom, E. E. Woodford.

Comox, Vancouver Island, B.C. — Along shore line through Comox village to foot of Comox Hill, back through Comox village; distance 4-5 miles; Jan. 8, 1952; 10.30 a.m. to 2.30 p.m. Temp. 38°, bright, later clouding over; visibility good. One observer on foot. — Common Loon, 1; Pacific Loon Flock; Double-crested Cormorant, 5; Pelagic Cormorant, 2; Great Blue Heron, 3; Baldpate, 75; Mallard, 300; American Widgeon, 75; Pintail, 3; Greater Scaup and Lesser Scaup, 350; American Golden-eye, 50; Barrow's Golden-eye, 2; Buffle-head, 15; Old-squaw, 2; White-winged Scoter, 500; Surf Scoter, 150; American Scoter, 2; Red-breasted Merganser, 7; unidentified ducks, 2500; Bald Eagle, 1; California Quail, 19; Ring-necked Pheasant, 1; Coot, 2; Glaucous-winged Gull, 75; Short-billed Gull, 20; Belted Kingfisher, 1; Western Crow, 1; North Western Crow, 70; Winter Wren, 1; Oregon Towhee, 3; Seattle Wren, 1; Western Robin, 3; Brewer's Blackbird, 80; Siskin Flock; Golden-crowned Sparrow, 3; Song Sparrow, 2. — Total 35 species; 4250 (plus) individuals. — Theed Pearse.

Victoria, B.C. — Dec. 17, 1951. Victoria to Sooke Harbor, Beacon Hill, Gonzales Bay, Shoal Bay, Spoon Bay, Cadboro Bay, Elk, Beaver and Swan Lakes and flats. Dull, cloudy, temp. 39°. Wind SE to 30 m.p.h. — Common Loon, 17; Red-throated Loon, 13; Holboels' Grebe, 6; Horned Grebe, 145; Eared Grebe, 7; Western Grebe, 171; Pied-billed Grebe, 6; Double-crested Cormorant, 12; Brandt's Cormorant, 4; Baird's Cormorant, 201; Heron, 5; Mute Swan (introduced), 3; Lesser Canada Goose, 42; Mallard, 1085; European Widgeon, 1; Baldpate, 2901; Pintail, 35; G. W. Teal, 10; Mandarin (introduced), 3; Shoveller, 188; Ring-necked Duck, 50; Canvas-back, 120; Greater Scaup, 814; Golden-eye, 33; Buffle-head, 212; Old-squaw, 20; Harlequin, 110; White-winged Scoter, 72; Surf

Scoter, 98; American Scoter, 1; Ruddy Duck, 3; Hooded Merganser, 4; American Merganser, 13; Red-breasted Merganser, 54; Goshawk, 1; Bald Eagle, 1; Peregrine Falcon, 1; Ruffed Grouse, 6; California Quail, 5; Ring-necked Pheasant, 5; Coot, 63; Killdeer, 12; Black Turnstone, 99; Hudsonian Curlew, 2; Glaucous-winged Gull, 512; Short-Billed Gull, 99; Bonapartes Gull, 6; Marbled Murrelet, 1; Kingfisher, 13; Northwestern Red-shafted Flicker, 28; Red-shafted Flicker, 25; Pileated Woodpecker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 4; European Skylark (introduced), 12; Raven, 2; Crow, 57; Chestnut-backed Chickadee, 99; Nuthatch, 6; Creeper, 2; Winter Wren, 21; Seattle Wren, 8; Robin, 174; Varied Thrush, 5; Hermit Thrush, 2; Golden-crowned Kinglet, 95; Ruby-crowned Kinglet, 8; American Pipit, 35; English Sparrow, 35; Western Meadowlark, 3; Red-winged Blackbird, 1; Starling, 3; Siskin, 650; Red Crossbill, 15; Oregon Towhee, 9; Oregon Junco, 142; Golden-crowned Sparrow, 4; Fox Sparrow, 7; Song Sparrow, 17. — Total 77 species; 8757 individuals. — C. Guiguet, H. D. R. Stewart, J. O. Clay, A. R. Davidson, Mrs. Hobson, Mrs. Blackden.

Triple Island Lightstation, B.C. — Position 54°N, 131°W (20 miles west of Prince Rupert). Bare rock islets exposed to open sea. Approx. area 3 acres; nearest wooded island 1 mile distant. Dec. 31, overcast, temp. 22° to 27°F., wind NE 10 m.p.h., light choppy sea, good visibility. No snow or ice. Two observers. Observations made only from lighthouse dwelling with 15x binoculars and 20x telescope. Numbers given are the maximum seen at one time for each species. — Common Loon, 1; Horned Grebe, 1; Brandt Cormorant, 1; Pelagic Cormorant, 3; unidentified Cormorants, 110; Harlequin, 15; White-winged Scoter, 5; Surf Scoter, 5; American Scoter, 19; Bald Eagle, 2; Black Oyster-catcher, 6; Surf Bird, 1; Black Turnstone, 39; Aleutian Sandpiper, 62; Glaucous-winged Gull, 7; Raven, 2; Song Sparrow, 1; (wintering on the island; same banded Song Sparrow that spent the previous winter on Triple). — Total 16 species, 280 individuals. Seen in period — Red-necked Grebe, Duck Hawk, Herring Gull. — G. C. and J. M. Odium.



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