

few of these persisted thru the deep snow and severe cold of Jan, and no return migrants were detected in Mar. Fox Sparrow: 1 wintered Dec 15-Mar 4 at a feeder S of Cazenovia (J. Morrison); 1st migrant Mar 16 Jamesville (DC). Song Sparrow: Syr CC a high 77 but HIGMA CC quadrant a mere 7; numbers very low in latter two-thirds of winter and almost none survived on native food. Snow Bunting: counts of hundreds in Dec and early Jan—like Horned Lark and many sparrows, apparently driven out by the deep persistent snows of Jan, Feb, and early Mar; Jan max 475 Jan 11 N Cayuga Co, Feb max 200 Feb 26 Otisco L (JWP); no Mar peak of migrants detected although lesser flocks, 60–100 per day, were noted passing DH.
417 S. Main St., North Syracuse 13212

REGION 6 — ST. LAWRENCE

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The first half of the winter was more severe than the latter part. A major storm that covered a large area hit all parts of the region December 26, and there was cold and more snow in the month that followed. A second snow storm occurred in Jefferson and Lewis Counties January 8–9, but it barely reached St. Lawrence County. It was the coldest January in the history of Watertown. The temperature was zero or below a total of 21 days during January. It warmed up only briefly on January 17 and 29 so that the average temperature for the month was only 7.4 degrees which is 11.7 degrees below normal. February weather was a little milder without excessive snow. March brought little snow and no very cold weather. Spring migration seemed to be only a little late.

Observers: JB—John Belknap; FC—Frank Clinch; DG—David Gordon who made many of the observations; RW—Robert Walker.

Abbreviations: CS—Christmas Census in Watertown December 20; PRGMA—Percn River Game Management Area north of Watertown.

LOONS—DUCKS: Great Blue Heron: Mar 30; only two nests can be seen from a distance at the PRGMA heronry where the trees are dead and hardly enough of them left to support nests. Canada Goose: first reported Mar 19 at PRGMA, 6 there Mar 21; hundreds Mar 28 at Sulphur Springs and over 2,000 same day at PRGMA. Mallard: 18 Dec 20 and a few all winter; numbers began to increase after Mar 19. Black Duck: 9 (CS) and a few all winter, more after Mar 19. Pintail: many Mar 28 at Sulphur Springs. Green-winged Teal: Mar 28 Dexter Marsh. American Widgeon: Mar 30 PRGMA. Wood Duck: Mar 29. Redhead: Jan 1 Tibbets Pt. (DG). Ringed-necked Duck: Mar 30 PRGMA. Canvasback: 3 Dec 13 Cape Vincent. Greater Scaup and Common Goldeneye: all winter. Bufflehead: Mar 28 Dexter Marsh. Oldsquaw: all winter. White-winged Scoter: one or two in Dec. Hooded Merganser: Dec 20 and Mar 28.

HAWKS—OWLS: Goshawk: Dec 5 Evans Mills and Dec 20 Stony Pt. Red-tailed Hawk: more numerous than Rough-legged Hawk this winter; seen each month in various places. Rough-legged Hawk: scarce, max 4 Feb 14 Pt Peninsula. Bald Eagle: adult and immature Jan 18 near St Lawrence River at Hammond; 2 immature Feb 14 at Fineview (RW). Marsh Hawk: last Dec 20; 3 Mar 14 PRGMA. Sparrow Hawk: a few during winter, more after the middle of Mar. Gray Partridge: 36 (CS); seen only in much smaller numbers than in recent years; max 20 Jan 1 at Pt Peninsula (DG). Turkey: Wellesley Is. Coot: Dec 14. Killdeer: first Mar 22, common thereafter. Woodcock: 1 Mar 25. Common Snipe: 2 Dec 20 (CS) in place where ground was not yet frozen; not seen after Dec 21 (Wolfe, Leone). Great Black-backed Gull: only one Dec 14 Pt Peninsula. Herring Gull: immature found dead at Eldorado Nov 8 had been banded near Lyal Is in Lake Huron, Ont June 15,

1969. Ring-billed Gull: Mar 28, Screech Owl; Feb 24 Gouverneur. Great Horned Owl: Jan 18 Wellesley Is. Snowy Owl: scarce; JB saw 1 in Dec, 2 in Jan; RW saw 1 Dec 14 Pt Peninsula; DG saw none. Barred Owl: 1 found dead Feb 20 near Black River Village (JB); 1 in Thompson Park, Watertown with freshly killed crow (Wolfe, Leone); on finding the remains of the crow later one would have to say that this owl ate crow. Short-eared Owl: DG failed to find any after looking diligently.

GOATSUCKERS—STARLING: Yellow-shafted Flicker: (CS); a male seen three or four times each month by several persons, at first seemed to be getting food from the bark of trees, later taking suet at various feeders; this is the first flicker known to have spent the winter here. Pileated Woodpecker: seen several times Dec and Jan in Thompson Park. Black-backed Three-toed Woodpecker: female Jan 1 Fishers Landing (DG); he has also seen their work on several trees this winter. Northern Three-toed Woodpecker: 1 (CS) (Grant). Horned Lark: Jan 1; more common late Feb and early Mar; DG noted both prairie and northern subspecies. Tree Swallow: 14 Mar 28 at PRGMA; many at PRGMA after two very cold nights (DG). Blue Jay: all winter, but very common on Tug Hill and at Wanakena, St Lawrence Co. Common Crow: a few all winter with more seen after the middle of Feb. Boreal Chickadee: 1 Feb 13 Town of Montauge, Lewis Co where 3 were seen in Nov. White-breasted Nuthatch: at feeders during winter. Red-breasted Nuthatch: 1 at feeders in Watertown; also Tug Hill, Town of Rodman.

Mockingbird: Dec 12 Depauville (RW). Brown Thrasher: Dec 27 (Brouse). Robin: 4 (CS); 1 Jan 1 Thompson Park; 1 Eldorado Jan 24; 5 Mar 12, 50 Mar 14. Bluebird: 2 (CS) (Brouse) seen several minutes under ideal conditions. Bohemian Waxwing: Jan 28 Thompson Park (Wolfe, Leone). Cedar Waxwing: in Thompson Park; max 100 in Mar. Northern Shrike: about the average number seen.

BLACKBIRDS—SPARROWS: Meadowlark: Dec 20; Dec 24; Mar 28. Redwinged Blackbird: Dec 26; Jan 31; and in migration Mar 12. Common Grackle: first Mar 10. Cowbird: several Feb 21 Watertown. Cardinal: 24 (CS), at least as many as last winter. Evening Grosbeak: common all winter; 351 (CS). Pine Grosbeak: 8 Pitcairn, St Lawrence Co., none in Jefferson Co. Common Redpoll: seen all winter; no doubt the biggest invasion in ten years; 200 in one flock and at least 350 in another Jan 1, and over 1,000 seen in one day (DG); about the middle of Feb they began to appear at feeders and were seen at many feeders in many places over a large area and attracted much attention; over 300 banded in back yard banding only part time, only 20 usually seen at once with a max of nearly 40 at a time (FC); 1 female looked large so it was placed in a cell with another female where the larger size was very evident. Red Crossbill: seen a few times in small numbers at some feeders; 7 Jan 30 at a feeder in Watertown. White-winged Crossbill: 8 Jan 3 near Fargo (DG). Tree Sparrow: all the period. White-throated Sparrow: 5 (CS); 4 at a feeder at least into Feb. Song Sparrow: 2 (CS); one Jan 1; all winter at a feeder in Sackets Harbor. Lapland Longspur: 2 Jan 1 Clayton; 1 Jan 24 Smithville (DG). Snow Bunting: seen in varying numbers until Mar, last Mar 20.

173 Haley St., Watertown 13601

REGION 7 — ADIRONDACK — CHAMPLAIN

HARRIET L. DELAFIELD

This winter of 1969-70 was a tough one in the Adirondacks and not one that will be soon forgotten. Bob Kampf, of the Hilltop Meteorological Observatory, Ray Brook, tells us that December was "uneventful" until snow began falling on Christmas morning. It fell for 3½ days and amounted to 31½ inches. This was a new high for the twelve-year records at the observatory.