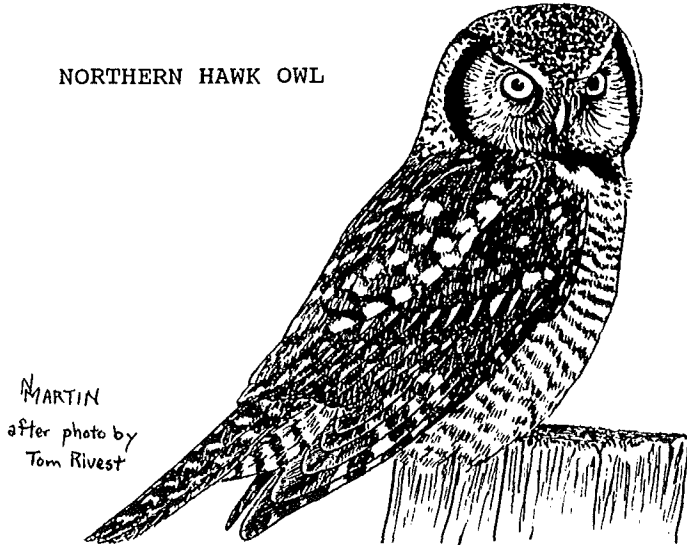




Records of Vermont Birds

Volume 19, Number 1 - Winter 1990-1991

NORTHERN HAWK OWL



WINTER SEASON 1990-1991

1 December - 28 February

Frederick A. Pratt, Seasonal Editor

The safe generalizations about winter in Vermont don't, as a rule, prove very helpful in predicting or explaining our bird populations and their behavior. We know there will be periods of frigid temperatures and of thaw, that snowstorms will occur, that days are longer in February than in December. We know, too, that some birds will linger if food is available and temperatures are reasonable - and that boreal species periodically invade and periodically stay in their northern forests. Nonetheless, each winter seems to offer its own peculiar combination of conditions - and its own version of avian excitement (or lack thereof).

And so it was with the winter of 1990-91. December and February were distinctly on the warm side, while January did its best to keep us realistic. Overall, it was the warmest winter since 1983, as temperatures averaged about 3° above normal. In addition, the season was marked by significantly less precipitation than usual - and also by generally poor cone and berry crops.

Still, none of the above observations quite account for the birds that came and those that didn't. In the end, the winter was like every other Vermont winter: unique in its own particular combination of weather conditions and avian surprises.

Recent winter seasons have been described by this editor, certainly not as a result of any scientific analysis, as the Year of the Bohemian Waxwing, or the Year of the Towhee, or the Year of the Great Gray Owl.

EDITOR'S NOTE: The Winter 1990-91 issue of Records of Vermont Birds (Vol. 19, No. 1) is being published out of sequence. Fall 1990 (Vol. 18, No. 4) is currently being edited and should be published early next year.

This past winter can perhaps best be described as the Year of the Missing Finches, for rarely have such species as Common Redpoll and White-winged Crossbill, Pine Grosbeak and Purple Finch, Red Crossbill and Pine Siskin collectively been so scarce. Joining the boycott were other northern species such as Boreal Chickadee and Gray Jay - but certainly not Northern Shrike, which irrupted in numbers not seen since 1977-78.

In contrast to the finches, both waterfowl and sparrows had a good year, in part no doubt the result of a mild December. Among the better ducks were a Blue-winged Teal on the Ferrisburgh CBC, two Green-winged Teal, several Barrow's Goldeneye and surprising numbers of such species as Northern Pintail and Wood Duck. More memorable, however, was an extraordinary early winter build-up of Snow Geese on Lake Champlain and the presence of TUNDRA SWANS on both the Saxtons River and Hanover/Norwich CBC's.

The sparrows were represented by a similar mix: less common species such as Savannah and White-crowned and unlikely ones such as a Lincoln's in North Springfield and a GRASSHOPPER on the Springfield CBC.

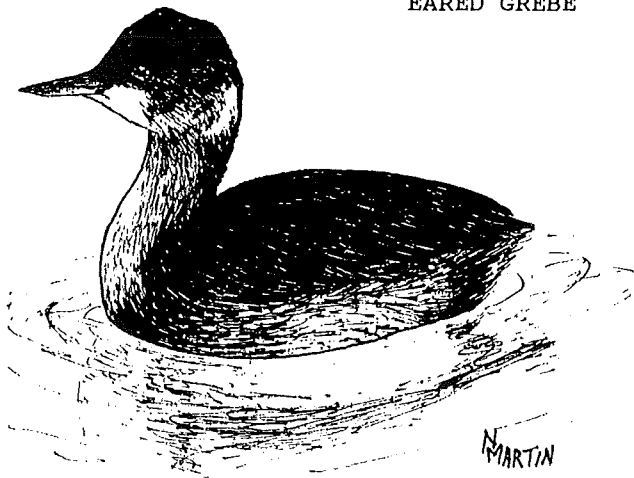
Just plain rare were such outstanding finds as an EARED GREBE on the Ferrisburgh CBC, a NORTHERN GANNET off Grand Isle, an unfortunate GOLDEN EAGLE in North Hero, a LESSER BLACK-BACKED GULL on the frozen Connecticut River between Vernon, VT and Hinsdale, NH, a VARIED THRUSH in Williston and everyone's favorite, the NORTHERN HAWK OWL in North Springfield. With birds such as these, Vermont's birders had little reason to complain.

The season's totals were also impressive. The CBC's, despite such misses as Gray Jay, Spruce Grouse and Gray Partridge, still managed 112 species (third highest ever) and 104,743 individuals (second only to last year's 112,809). For the season as a whole, 131 species were recorded, a number comparing quite favorably with the high of 137 set six years ago. In short, it was a successful season for Vermont's birders, notwithstanding the frustrating absence of so many of our northern favorites.

LOONS THROUGH HERONS

There were no reports of the Red-throated Loon, making this the fourth winter in the past five that this uncommon species has escaped detection. The Common Loon, on the other hand, recovered after an off year in 1989-90, as 16 CBC birds were tallied, including an unexpected individual at Saxtons River. Other reports were limited to single birds at L. Morey on 12/2 (FAP,EBP) and at Chimney Point on 12/7 (WGE,DHC) as well as 5 at L. Dunmore on 12/23 (CMO). The Pied-billed Grebe went unreported for the third year running, but numbers of Horned Grebes were about on target with a respectable CBC tally of 121. Late-season reports were scarce, however, with just 2 birds at Long Point, Ferrisburgh on 1/25 (JID,MCD) and a single at Meach Cove, Shelburne on 1/26 (WGE,NLM). The Ferrisburgh CBC produced the only Red-necked Grebe of the winter - as well as a startling EARED GREBE, carefully identified as it was paddling the waters of Kellogg Bay (AP). Almost as surprising was a well-described imm. NORTHERN GANNET, observed at close range off Ladd Point, Grand Isle on 12/17 (RBL). Both grebe and gannet were just the third of their respective species to appear in these

EARED GREBE



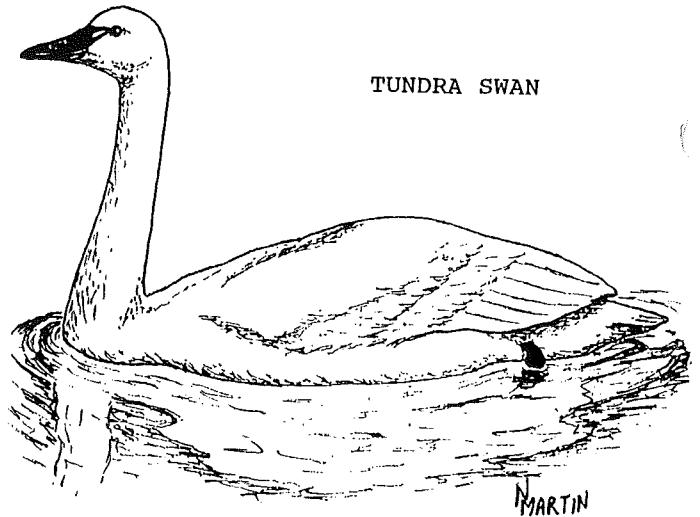
winter Records. Meanwhile, Great Blue Herons lingered into winter in near abundance as 14 reports from contributors complemented a CBC tally of 11 ind.. January records included single birds on New Year's Day in Calais (CSS) and West Brattleboro (JJC), a bird photographed at Nichols Point, Grand Isle on 1/6 (DJH), another at Ferrisburgh on 1/7 (WGE,DHC) and one unlucky ind. found frozen in Brookfield on 1/24 (fide FK).

WATERFOWL

One of the more extraordinary events of the winter was the appearance of the rare TUNDRA SWAN in two CBC circles - Saxtons River and Hanover-Norwich. The Norwich birds, 2 ad. and 4 imm., were happily ensconced on the Connecticut R. near the mouth of the Ompompanoosuc for about a month, with the last known sighting on New Year's Day. The single imm. at Bellows Falls was equally cooperative, lingering for several weeks before heading south on 1/2. Even more extraordinary was the build-up of Snow Geese near Point au Roche on L. Champlain, put at 11,676 ind. by counters on the Champlain Islands CBC. Included in this number were 9 blue-morph ind., no doubt a winter record for this uncommon form in Vermont. Other reports of snows would normally have been considered memorable: 800 in Addison on 12/7 (JAP) and 200 off Long Point, Ferrisburgh on 2/12 (JID,MCD). Canada Geese were also abundant through December with a record CBC total of 5145 ind.. Numbers quickly declined, however, although 932 were below the dam at Vernon on 1/13 (JJC) and another 850 were at Spaulding Bay, Panton on 2/10 (WGE,NLM). Several duck species were also beneficiaries of the mild December weather, starting with the uncommonly handsome Wood Duck. An unprecedented 7 ind. were located on the Champlain Islands CBC, while singles were found at Burlington and Hanover-Norwich. The latter bird was still present at Wilder Dam on 1/5 (BLR,RHH), while 2 drakes and a hen were on the Connecticut R. near Hinsdale, N.H. on 2/24 (WGE,NLM,DHC). Also of note was a Green-winged Teal on the Champlain Islands CBC, likely the same bird as was observed off Grand Isle on 1/1 (DJH). Another, presumably a very early spring migrant, was in New Haven on 2/19 (JAP). The American Black Duck enjoyed another excellent year, with a new CBC record of 1618 ind. as well as several other notable sightings. More than 500 were near Vernon on 1/13 (JJC) and again on 2/24 (WGE,NLM,DHC), 155 were on the Winooski R. between Williston and South Burlington on 1/26 (WGE,NLM) and 75 were in Weybridge on 1/10 (SSW). Mallards were also generously represented: 2354 CBC birds, 240 at Vernon on 1/13 (JJC), 250 between Rupert and Pawlet on 1/28 (EFG) and 264 on the Winooski in the Williston-South

Burlington area on 1/26 (WGE,NLM). Northern Pintail were present in near-record numbers for the CBC season with 9 at Champlain Islands and one at Rutland. Late winter reports were of single drakes at Spaulding Bay, Panton on 2/10 (WGE,NLM,DHC) and at Vernon on 2/24 (WGE,NLM,DHC). One of the season's better finds was male Blue-winged Teal on the Ferrisburgh CBC, the first winter record for this species since 1983. Interestingly, other blue-wings were reported in both Massachusetts and Rhode Island, establishing, one might surmise, a mini-trend. Two late Gadwall were off Nichols Point, Grand Isle on 12/22 and again on 12/29 (DJH) - and were nicely photographed as well. About 10 American Wigeon were reported at Missisquoi National Wildlife Refuge (hereafter MNWR) in early December (JBG), but later reports were altogether lacking. A Canvasback on the Champlain Islands CBC was noteworthy, as were a pair on L. Bomoseen on 12/29-31 (RWP,SSW). None were observed on the Aerial Waterfowl Census conducted on 1/3 (WJC). Ring-necked Ducks lingered at MNWR in good numbers with 35 reported on 12/2 (JBG). Other sightings included 10 CBC birds, with 8 at Champlain Islands and 2 at Burlington, 3 ind. at L. Morey on 12/2 (FAP,EBP), 2 at Vernon on 1/13 (JJC) and singles at Bellows Falls (REG), Grand Isle (DJH), the Charlotte ferry dock (PCR) and Converse Bay (MBN). Greater Scaup settled back after a strong showing a year ago: 53 CBC birds and about 20 at MNWR in early December (JBG). The only other reports were single hens at Converse Bay on 12/27 (FAP,EBP) and at L. Bomoseen

TUNDRA SWAN

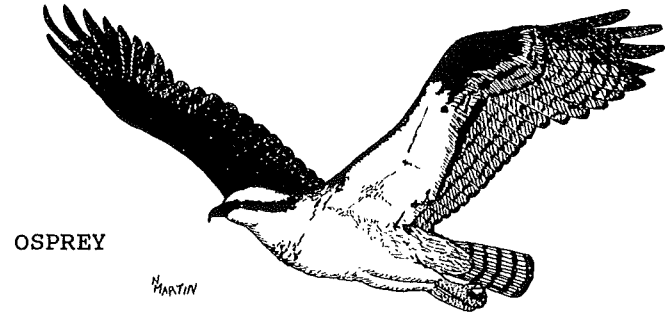


on 1/1 (CJF,WGE,NLM,JPM,JBM). Not surprisingly, Lesser Scaup followed suit, as just 10 were noted at MNWR (JBG) and only one CBC bird was uncovered. Additionally, a group of 5 was spotted at Button Bay on 1/7 (WGE,DHC). Never common, the Oldsquaw provided just two records for the winter: single CBC birds at Burlington and Ferrisburgh. Scoters were nearly as elusive with Black Scoters limited to a drake on the Ferrisburgh CBC and 3 f. photographed off Nichols Point on 1/3 (DJH). Surf Scoters were entirely absent, while the only White-winged Scoters reported were 3 on the Middlebury CBC and a single off Grand Isle on 2/11 (RBL). Also observed on 12/26 in Panton were 20 ducks "rafting like scoters but showing no white in wings" (JAP). Common Goldeneye were again numerous with an excellent CBC tally of 1710 ind. and 734 counted on the Aerial Waterfowl Census of 1/3 (WJC). Other reports included 200 off Grand Isle on 1/20 (DJH), 95 at Shelburne on 1/26 (WGE,NLM) and 82 at Vernon on 1/13 (JJC). For the third year in a row there were multiple sightings of the decidedly uncommon Barrow's Goldeneye. In addition to the drake at Vernon for the CBC, a pr. was at L. Bomoseen on 12/28-31

(RE,RWP,SSW), a hen was at McNeil Cove, Charlotte. on 1/26 (WGE,NLM) and another hen was on the Connecticut R. near Hinsdale, N.H. on 2/6 (WGE,DHC). Bufflehead seemed somewhat underreported notwithstanding a creditable CBC tally of 57 ind.. Only six late-winter reports were received, headed up by counts of 11 at Burlington on 1/26 (WGE,NLM), of 9 at Converse Bay, Charlotte on 2/10 (MBN) and of 20 at Charlotte on 2/22 (JAP). A record 18 Hooded Mergansers at Ferrisburgh highlighted an excellent CBC showing for one of the most lovely of the Anatidae. Other reports were also impressive and featured flotillas of 31 at East Creek, Orwell and 48 at L. Bomoseen, both on 12/1 (RWP). Numbers held up into winter, judging from the 16 at Button Bay on 1/7 (WGE,DHC) and the 9 on the Connecticut R. below Wells River village on 1/14 (CCR,KRT). Also of interest were 2 f. at L. Willoughby on 1/5 (FAP,EBP) and a pr. at East Creek on 2/10 (WGE,NLM,DHC). By contrast, Common Mergansers were much reduced in numbers, as only 927 CBC birds were tallied compared to 3265 a year ago. High counts from individual observers were 120 at Spaulding Bay, Panton on 2/10 (WGE,NLM,DHC) and 110 at Chimney Point on 1/7 (WGE,DHC). Numbers for the Red-breasted Merganser were typical with 10 CBC birds and a scattering of other reports. Four were at L. Bomoseen on 12/1 (RWP), while L. Champlain reports featured 6 in Addison on 12/26 (JAP) and 7 in Panton on 1/26 (JRA).

VULTURES, HAWKS AND FALCONS

Out-of-season Turkey Vultures were reported from both the Ferrisburgh (count week) and Vernon CBC's, the latter individual apparently overwintering near the Hinsdale, N.H. dump. A migrant over Colchester High School on 2/11 (JDM) was extremely early, followed by a second ind. at Bristol on 2/27 (JAP). A late Osprey at L. Fairlee on 12/2 was carefully described (FAP,EBP) and becomes the first confirmed winter record of this



species to appear in these Records. Bald Eagles rose to new prominence with a record 6 at Ferrisburgh highlighting an impressive CBC showing of 11 birds. VINS again coordinated a mid-January survey of wintering Bald Eagles in Vermont. Nineteen observers on 12 assigned routes located 10 eagles (8 ad. 2 imm.), the same number as in 1990. More than 20 reports were received from contributors, featuring 2 ad. and an imm. at the mouth of Otter Creek on 1/5 (CCF), 2 imm. at Thompson Point on 12/17 (JID,MCD), 2 ad. at L. Morey on 12/31 (DW), 2 ad. at Chimney Point on 1/7 (WGE,DHC), 2 ind. at Ferrisburgh on 1/28 (JAP) and 2 ad. at Vernon on 2/28 (ELG). Other ind. were reported in such locations as Wilder (where the Wilder Dam ad. was back for the 11th consecutive year), Bridgewater, Chester, Putney, Barre, Pawlet and Addison. An ad. bird was observed dining on a dead cat in Shrewsbury Center on 1/8 (CY) - take note, those of you with fearless felines who chase birds! Northern Harriers also enjoyed an exceptional year with a record 21 individuals tallied at Ferrisburgh while the CBC grand total rose to 38 birds, doubling the previous high of 19 back in 1983. By New Year's nearly all were gone, however, as individual contributors could only come up with singles at Whiting on 1/2 (JAP), at Ferrisburgh on 1/3

(JID,MCD), at Addison on 1/7 (WGE,DHC) and at Charlotte on 1/26 (WGE,NLM). Two February sightings at Addison (JAP,SSW) and at Dead Creek Wildlife Management Area (hereafter DCWMA) (LJE) probably were repeats of earlier reports. The accipiters all continued to prosper, although the CBC tally of 18 for Sharp-shinned Hawks was down markedly from last year's record. Still, reports from readers were too numerous to list, easily topping the two dozen mark. Cooper's Hawks were also well reported - from 10 CBC circles and by at least as many individual contributors. One unlucky ad. was struck by a car, then photographed posthumously, on 1/11 in North Hero (DJH). The Northern Goshawk was reported from 7 CBC circles and by a like number of contributors. An ad. was seen perched motionless on a fence post in Marlboro, providing a splendid photo opportunity (ST,via JPN), although the unfortunate fellow was later found dead, either from exposure or starvation. A second individual in Marlboro was very much alive, as he was spotted eyeing feeders on 2/17 (MM). Both of our regular winter buteos did well, especially the Red-tailed Hawk, which again set a CBC record of 158 individuals. Many stayed on for the winter, with a max. count of 22 on 1/25 as birds were spotted in Shoreham, Bridport, Middlebury, Sudbury and at DCWMA (SSW). Also of interest was an albinistic red-tail reported as "hanging out" in the Montpelier area throughout January (SCO). Rough-legged Hawks were plentiful, at least in the Champlain Valley, as 48 CBC birds were recorded. Late-winter numbers held up quite well, with 14 on 2/10 in Addison, West Haven and Orwell (WGE,NLM,DHC). Of these, 11 were in Addison of which 9 were dark and only 2 were light morph. A GOLDEN EAGLE discovered in North Hero on 1/2 (Tly) was ample reason for astonishment and melancholy alike. Found near a duck pond, the bird was described as weak, disoriented and hypothermic after it had been brought to VINS for treatment and identification (PLW). Further, it was suffering from multiple shotgun wounds with pellets in both wings, abdomen, jaw and neck. It died a few days later and the specimen was subsequently sent to Tufts University for examination, and an official of the U.S. Fish and Wildlife Service will conduct an investigation into the shooting. Returning to less disturbing news, American Kestrels were present in only average numbers with just 11 CBC birds - and not many more reported by contributors. All were found in the Champlain lowlands, except for singles in Barnard on 1/19 (JNF) and in Vernon on 2/6 (WGE,DHC). Peregrine Falcons were also rare with just four records: an imm. at S. Alburg recorded on the Champlain Islands CBC, a single at the Intervale on 1/11 (CCF,RP), an ad. at Addison on 2/10 (WGE,NLM,DHC), and an ad. also apparently overwintered at the nesting cliff in Bristol (MSL). Three reports of Gyr Falcon were received. One in Williston on 12/5, seen by three experienced birders but too fleeting a glimpse to document details (RBL,BRJ,GEHa). The second, fully documented, "a very light individual" was in Addison on 1/13 (BRJ,EEJ), and the third was seen without binoculars, as the observer was cross-country skiing. The latter was described as light-gray above and white underneath, flying with the steady strong wingbeats of a large falcon, low over a beaver pond, at Indian Brook Reservoir, Essex 1/26 (WDB).

GRAY PARTRIDGE THROUGH SNIPE

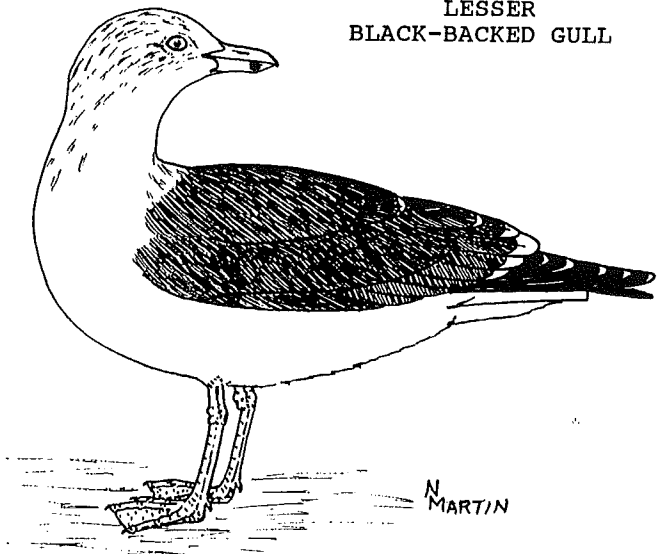
There were no reports of Gray Partridge for the first time in a decade, although it is assumed this introduced but shy species continues to occupy its favorite haunts near Grand Isle and St. Albans. Another introduced species, the Ring-necked Pheasant, was reported from 5 CBC circles, all in the south save Champlain Islands. Also missed during the season was the endangered Spruce Grouse, always rare and elusive but still present in such locations as Nulhegan/Yellow Bogs, Lewis. Ruffed Grouse posed no such difficulties,

as 104 CBC birds were tallied in 16 circles. Other reports included 6 in Ferdinand (via WGE) and 3 each in Rutland Town (JP), Brownsville (BMH) and Brandon (SSW). On Grand Isle were found "a multitude of tracks and several birds sighted" (DJH). Wild Turkeys enjoyed another big year, although the CBC record of 238 set in 1987/88 still stands. From individual contributors came such reports as 24 on 1/24 in New Haven (JRA), another 15 in Pomfret on 2/15 (JNF) and 14 in Rockingham on 2/12 (DG). A Northern Bobwhite on the Craftsbury-Greensboro CBC was remarkable; it can only be assumed the bird was locally released and feeder-dependent. Also looking for handouts were 4 ind. at a feeder in Isle La Motte on 2/5-6 (JND). For the second year in a row Killdeer joined the CBC roster with 2 birds in Burlington and a single at Ferrisburgh. One assumes all three were soon on their way south. Not so for a Common Snipe found "in the overflow/seepage area of a small pond" in Plymouth on 12/17 (WFN) and observed regularly in late February (LM). CBC birds included one at Saxtons River as well as the regular near Rutland in Clarendon.

GULLS

Bonaparte's Gulls were again scarce with only two records for the season: a flock of 21 at Chimney Point on 12/1 (RWP) and 4 on the Champlain Islands CBC. There was no shortage of Ring-billed Gulls, however, as a CBC total of 1456 constituted the best showing since 1984. Herring Gulls were plentiful as well, although the CBC tally of 1868 birds fell a bit short of the marks set in 1987 and 1988. The only Iceland Gulls of the winter were a single on the Burlington CBC and a bird in first basic plumage at Brattleboro on 2/24 (WGE,NLM,DHC). Memorable, indeed, was an ad. LESSER BLACK-BACKED GULL studied at length on the ice of the Connecticut R. between Hinsdale, NH and Vernon, VT on 2/24

LESSER
BLACK-BACKED GULL



(WGE,NLM,DHC). There have been only three records for this species in Vermont, the last at Bixby Island, Grand Isle in September 1990. Glaucous Gulls were understandably scarce, with one on the Champlain Islands CBC and a second at Wilder Dam on 2/8 (DHC,WGE,NLM). The latter bird, in 2nd basic plumage, was observed on and off during February at the West Lebanon landfill (DHC). Additionally, an "apparent Glaucous Gull" was reported harassing a merganser near the Grand Isle Ferry on 1/13 (via DJH), while a "possible" Glaucous was seen in flight over the Connecticut R. between Ascutney and Claremont on 2/4 (BMH). Great Black-backed Gulls were present in record numbers, with the CBC total of 310 individuals exactly matching the previous high. An

astonishing 300+ were counted in Brattleboro and Vernon on 2/4 (WGE,NLM,DHC).

DOVES

Our resident Columbidae both set CBC records as Rock Doves passed a new milestone with 7672 individuals, while Mourning Doves surpassed their 1987 total by just over 100 birds. It is doubtful that records have ever been established with less applause.

OWLS

Six Eastern Screech-Owls from 3 CBC circles produced a representative showing, as did the 8 reported from MNWR in February (JBG). Other records were limited to single birds in Ferrisburgh (JID,MCD), Grand Isle (RBL), Weybridge (WGE,DHC) and Brandon (SSW). Great Horned Owls were somewhat more in evidence with 13 CBC birds, 5 resident at MNWR (JBG) and several others reported by readers. Three individuals were noted in the DCWMA/Panton/Addison area on 2/10 (WGE,NLM,DHC). After a year's absence the Snowy Owl was again admired by all, with numerous reports from Charlotte, Addison and DCWMA (v.o.). Also admired by a multitude of observers was the celebrated NORTHERN HAWK OWL, discovered in North Springfield in early December by Kaye and Oliver Peck and cooperative enough to linger into late January. The bird indulged the scrutiny of birders from far and near, including no doubt those determined to have such a rarity on their lists for two calendar years! Barred Owls meantime enjoyed a good winter with several seen as well as heard. One in Marlboro was particularly noticeable as it supervised the feeder area throughout December and "peered into the kitchen window periodically" (JPN). Others were observed along Interstate 91, one near Fairlee on 12/27 (PFW,SAW), one in Guilford on 1/6 (RAC,STs) and one near the Springfield/Ascutney line on 1/28 (SWS). Additional reports came from Woodstock, Ferrisburgh, Bridport, Morrisville, Lincoln and Brandon. The winter's only Long-eared Owl was the regular at Burlington, but Short-eared Owls were quite prominent: 11 CBC birds divided between Ferrisburgh and Middlebury along with several later reports from Addison and Panton. Astonishing indeed was a count of 12 in Addison on 1/7 (WGE,DHC). The Vermont Raptor Center provided the only reports of Northern Saw-whet Owl this winter. One was hit by a car in the Burlington area on 12/6 and has begun a new role as a teaching bird since its wing was too damaged to repair. A second was found with a severe eye injury at the Williston Rest Area on I-89 on 2/26 and now resides at the Vermont Raptor Center. We trust that others of this delightful species remain secure in their preferred habitat of young conifer stands.

KINGFISHERS AND WOODPECKERS

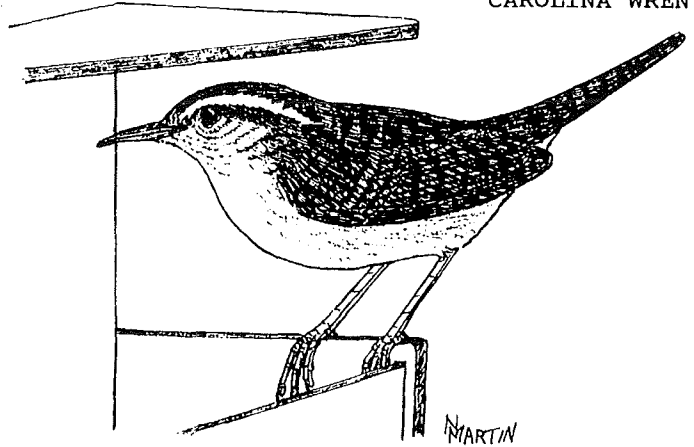
Belted Kingfishers continue to overwinter in surprising numbers, as evidenced by February sightings in Springfield and Vernon (WGE,DHC), Bennington and Pawlet (fide NS), Wilder Dam (DHC), Salisbury (JAP) and Woodstock (CRP). A Red-headed Woodpecker in Vernon was an exceptional find - and is also the first CBC record for the species since 1982. Meanwhile, the Red-bellied Woodpecker put in appearances on both the Ferrisburgh and Rutland CBC's, confirming the northern trend it has shown over the last several years. Not to be outdone, a Yellow-bellied Sapsucker showed up in Winhall, thus gracing the CBC roster for the second year in succession. Turning to the less surprising of the Picidae, Downy Woodpeckers showed a slight drop-off in numbers as 550 CBC birds were tallied and feeder visitors were generally in the 2-3 range. Thirteen birds were found in the Addison/Panton/Ferrisburgh area on 1/7 (WGE,DHC) while 6 were in Brandon on 2/25 (SSW). Hairy Woodpeckers followed suit with just a modest CBC total of 316 birds, the lowest since 1984. Again, feeder "flocks" were very small with the max. reported

**VERMONT
CHRISTMAS
BIRD
COUNTS
1990-1991**

	Brattleboro 12/15	Ferrisburgh 12/15	Saxtons River 12/15	Burlington 12/16	Champlain Islands/ St. Albans 12/16	Middlebury 12/16	Winhall 12/19	Vernon 12/20	Bennington 12/22	Hinesburg 12/22	Hanover/Norwich 12/23	Woodstock 12/27	Craftsbury/Greensboro 12/29	Plainfield 12/29	Island Pond 12/30	Rutland 12/30	Springfield 12/30	
Common Loon		10	1	1	4													16
Horned Grebe		103		8	10													121
Red-necked Grebe		1																1
Eared Grebe		1																1
Northern Gannet					CW													
Great Blue Heron		1		2	3	3				1	CW					1		11
Tundra Swan			1								6							7
Snow Goose		9	1		11,676				1									11,687
Canada Goose		1766	831	424	167	740		763	418	34		1				1		5,145
Wood Duck				1	7						1							9
Green-winged Teal					1													1
Am. Black Duck	7	193	20	180	284	13		350	368	89	7	4			1	94	8	1,618
Mallard		108	4	1095	278	84		101	497		2	1			83	101	CW	2,354
Northern Pintail					9											1		10
Blue-winged Teal		1																1
Gadwall					CW													
Canvasback					1													1
Ring-necked Duck			CW	2	8													10
Greater Scaup		23		29	1													53
Lesser Scaup				1														1
Scaup (sp.)		60		2	5													67
Oldsquaw		1		1														2
Black Scoter		1																1
White-wng. Scoter					CW	3												3
Common Goldeneye		353	7	323	885	1		135			1				3		2	1,710
Barrow's Goldeneye								1										1
Bufflehead		27	CW	30														57
Hooded Merganser		18	1		4			3			2							28
Common Merganser	8	268	23	91	459	15		36	1	3	10	4					9	927
Red-br. Merganser		3		5	2													10
Duck (sp.)					220													220
Turkey Vulture		CW						1										1
Bald Eagle	1	6			CW			3									1	11
Northern Harrier		21		1	3	10			3									38
Sharp-shinned Hawk	3	3	1	1	CW	2			1		4	1			CW	2		18
Cooper's Hawk	1	1	2	1	1	1			2		1				CW	CW		10
Northern Goshawk	1	CW			CW	1				1	CW		1					4
Accipiter (sp.)												2						2
Red-tailed Hawk	10	26	12	8	11	33		11	18	8	2	9			2	8		158
Rough-legged Hawk		21		3	6	13			1	2			2					48
American Kestrel		1			2	3			4						1			11
Peregrine Falcon					1													1
Ring-n. Pheasant	2		1		2			8	CW									13
Ruffed Grouse	4	8	2	12	5	2	1	6	3	6	1	19	7		11	6	11	104
Wild Turkey	44	21		CW	CW	15	4		70	23		14					17	208
Northern Bobwhite													1					1
Killdeer		1		2														3
Common Snipe			1													1		2
Bonaparte's Gull					4													4
Ring-billed Gull	2	211	1	1064	19	65		9		2	3			72	8			1,456
Herring Gull	119	110	104	929	276	2		85	10	7	180						46	1,868
Iceland Gull				1														1
Glaucous Gull					1													1
Gr. Black-b. Gull	15	68		128	59	1		3	1		29						6	310
Gull (sp.)		70		6	51			6		145							10	288
Rock Dove	367	475	1242	646	764	213	73	203	678	221	392	226	310	154	93	667	948	7,672
Mourning Dove	290	269	423	252	452	806	23	266	578	56	307	357	5	46	14	435	883	5,462
E. Screech-Owl		3			2	1												6
Great Horned Owl		5		1	3	3						1						13
Northern Hawk Owl																	1	1
Barred Owl		1	1		1	2	1					2					CW	8
Long-eared Owl				1														1

JW
18

a mere 4 at West Bolton (MC). The only Three-toed Woodpecker of the season was seen not in the Northeast Kingdom but at a feeder in Winhall on 1/16-17 (HV,RV). The bird was observed at close range while it took advantage of the offerings at a feeding station close to conifers on a steep mountain slope. Lingering Northern Flickers were present in typical numbers as 8 CBC birds were uncovered in the Ferrisburgh, Middlebury, Burlington and Woodstock circles. How many overwintered is unclear, although the one in Woodstock at the Bragdon Nature Preserve most certainly did. Other late reports were limited to singles at Shelburne on 1/26 (WGE,NLM) and at Ferrisburgh on 2/15 (SSW). Finally, the magnificent Pileated Woodpecker rose to new heights as a record 86 CBC birds were tallied. Reports from contributors were numerous indeed, with an "apparent" two pairs at Grand Isle (DJH) the max. count.



HORNED LARK THROUGH WINTER WREN

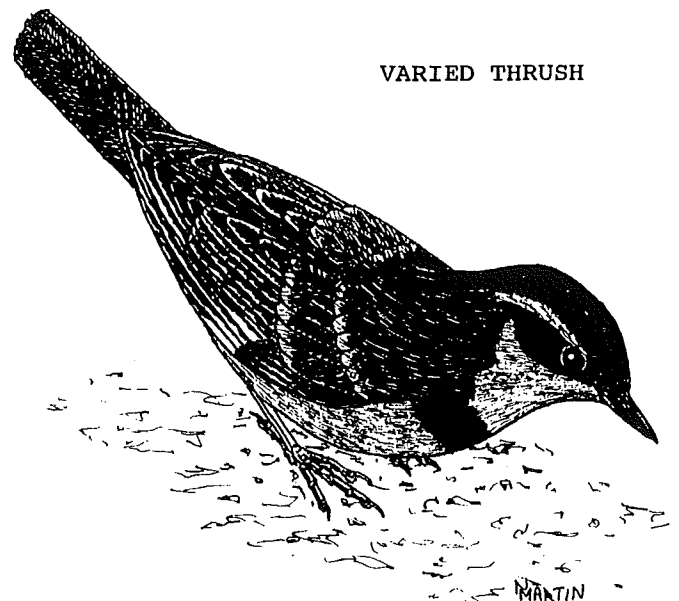
After several good years Horned Larks settled for their least impressive CBC display since 1982. However, January numbers held up with flocks of 100+ sighted in Addison on 1/4 (JAP), in Middlebury on 1/11 (JAP), in Bridport on 1/13 (MBN) and in New Haven on 1/21 (JRA). The high count in February was 50 birds in Vergennes on the 15th (SSW). For the first time since 1973 the Gray Jay failed to appear on any CBC roster, though one bird was spotted atop a conifer in Ferdinand on 1/5 (FAP,EBP). Blue Jays were hardly scarce, but numbers generally seemed a bit off. The largest feeder flocks reported were 26 in Sheffield (PFW,SAW) and 22 in Adamant (CSS). American Crows were again very numerous and widespread. Notable reports included 321 in flight over the Connecticut R. near Newbury on 1/14 (CCR,KRT), 280 in the Brattleboro/Vernon area on 2/24 (WGE,NLM) and a remarkable 900 in a kettle over Bristol on 2/27 (JRA). The Common Raven produced its poorest CBC showing since 1980, but other reports suggest no reason for concern. Fifty-six birds were counted leaving a roost in Calais on 2/4 (CSS), while another 46 were seen above L. Willoughby and Mt. Pisgah on 1/4 (FAP,EBP). A flock of up to 28 was noted in Woodstock on several occasions during January and February (KRT,SJS). Black-capped Chickadees enjoyed another big CBC year with a grand total exceeding 14,000 individuals. Other reports seemed a bit subdued with the largest feeder flock 35 birds in Adamant (CSS). Boreal Chickadees were noticeably scarce with just 4 CBC birds, the lowest total since the northeastern counts were initiated. The only other reports were 2 each in Ferdinand on 1/5 (FAP,EBP) and in Sheffield on 2/9 (PFW,SAW). Tufted Titnices, by contrast, continued their recent upsurge as a new CBC record was established for the second year running. Numerous feeder flocks were reported, headed up by 6 in Colchester (JDM) and another 6 in Rutland Town (JP). The Red-breasted Nuthatch had an off year, as only 248 CBC birds were found, the lowest total since 1986. Feeder reports were generally limited to one or two birds, though 5 were seen in Marlboro on 1/1 (JPN) and 4 were in Vernon on 2/6 (WGE,DHC). The White-breasted Nuthatch fared considerably better, as it chalked up its third best CBC total in recorded history. Feeder flocks were small but widespread, with a group of 4 visiting throughout the season in Chester (CEAD). The diminutive Brown Creeper had a good year, even though its CBC total slipped below the century mark for the first time since 1986. Most reports from contributors were for single birds but 2 were in Vernon on 2/6 (WGE,DHC), 2 were in Guilford throughout the winter (HML) and "several" were reported from Grand Isle (DJH). Among the Troglodytidae (the smaller the bird, the more unmanageable the Latin), the Carolina Wren continues its assault on the record book. With 3 birds in Burlington, 7 overall, and count week reports from three additional circles, new CBC records were established in every category. How many additional

birds can be identified from contributors' reports is difficult to judge. Suffice it to say, the number is impressive, as birds were reported from Pittsford (AW), Woodstock (RWW), Norwich (GFE), Pompanoosuc (WGE,NLM), Corinth (JBE), South Burlington (BCG,MAPE), Vergennes (JID,MCD,BPG), Cornwall (MBN), Whiting (JAP), Bennington (MR,RSK,BMD), Brandon (SSW), Springfield (WME) and Middlebury (MBN). The hardy little Winter Wren had to content itself with relative obscurity, notwithstanding a creditable CBC showing of 3 birds, including one at Ferrisburgh and 2 in Springfield.

KINGLETS THROUGH WARBLERS

Golden-crowned Kinglets showed reduced numbers for the second year in a row, with very few reports from contributors to supplement a mediocre CBC tally. High count was a grand total of 2 birds at Lincoln on 1/19 (CJF). A Ruby-crowned Kinglet showed up at Allen's Marsh on 12/1 (REG), making it three winters in a row for this charmer of the Muscicapidae. Eastern Bluebirds swept to a new CBC record with an astonishing 36 at Bennington alone. Six birds were described as "returned" on 1/28 in Bennington (MR,RSK), but one wonders if they ever left. February reports, all during the first week of the month, included 4 in Pawlet (fide NS) and 2 each in Putney (AMD), Ferrisburgh (JID,MCD) and Hinsdale, NH (WGE,DHC). American Robins were quite scarce, producing the lowest CBC total since 1986. Meanwhile, contributors could only muster a half dozen reports, headed up by 2 in Woodstock on 12/11 (KRT) and another 2 in Guilford on 2/14 (HML). The first VARIED THRUSH in three winters appeared at a feeder in Williston on 1/12 (PWL,KY), where it fed on mixed seed

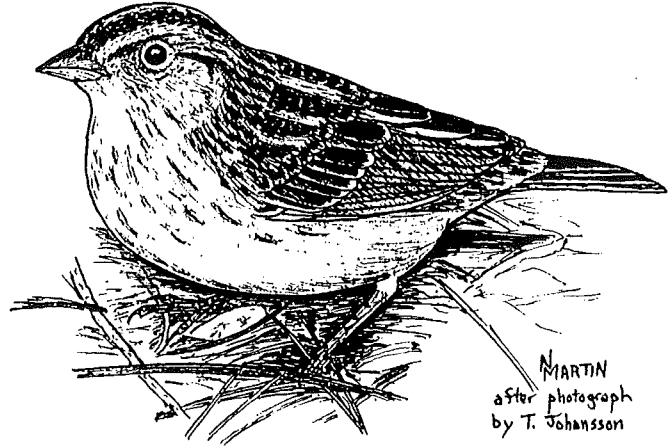
VARIED THRUSH



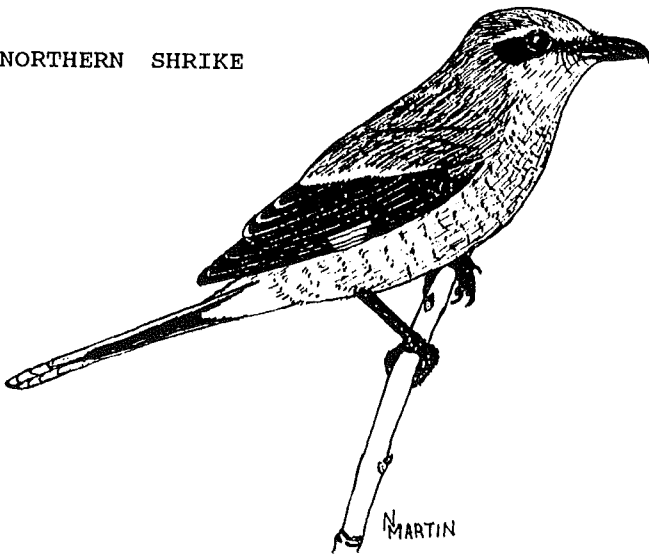
in preference to apples or suet. Brought in by a snowstorm, the bird remained in residence for several days - to the delight of birders fortunate enough to see it. A Gray Catbird at Vernon produced the first CBC appearance of any sort since 1986. Northern Mockingbirds were much in evidence, as a near-record 60 CBC birds were tallied in 12 different circles. Readers came up with another 15 reports, all singles except for 2 ind. in Vernon on 2/6 (WGE,DHC). Completing a sweep for the Mimidae was a Brown Thrasher in Woodstock from 1/5 to mid-February (JDL). The bird regularly availed itself of cracked corn spread on the back porch, then returned the favor by allowing itself to be photographed. After spectacular performances in four of the last five years, the Bohemian Waxwing decided to boycott the CBC altogether. January brought a change of heart, however, as 6 birds were observed in Adamant on New Year's Day (CSS) and another 6 were in Craftsbury on the 2nd (FO). There were several later reports with 150 in Brandon on 1/19 (SSW), 60 in Craftsbury in early February (JW,RS) and 60 in Woodstock on 2/18-19 (KRT). Numbers of Cedar Waxwings were consistently good with 361 CBC birds and more than a dozen reports from contributors. High counts were 100 in Putney on 2/24 (WGE,NLM,DHC), 80 in Grand Isle on 1/20 (DJH), 80 in Middlebury on 2/11 (JAP) and 43 in Burlington on 12/17 (JJA). The Northern Shrike invaded in force, as a

Point, Grand Isle throughout the period (RBL), 15 in Brandon on 12/24 (SSW,EBB) and 11 in Guilford on 1/25 (HML). The American Tree Sparrow put in its usual strong showing, even though numbers were somewhat reduced from those of recent years. A flock of 50 was reported from New Haven on 1/31 (JAP). A Field Sparrow in Bristol on 1/22 (JAP) was very late and evidently attempting to overwinter. Earlier reports were limited to a CBC bird at Brattleboro and count week birds at Champlain Islands and Springfield. The only Savannah Sparrow of the season was spotted in short shrubs in Addison during the Middlebury CBC. Far more surprising was a GRASSHOPPER SPARROW on the Springfield CBC. The bird was carefully observed and photographed (TEJ) as

GRASSHOPPER SPARROW



NORTHERN SHRIKE



record-equalling 29 CBC birds were found and more than 50 others were reported by contributors. Not since the winters of 1977 and 1978 have numbers been so impressive. A record 13,277 European Starlings were tallied on the various CBC's - cause neither for surprise nor celebration. Lingering Yellow-rumped Warblers were reported from three locations: the Saxtons River and Vernon CBC's and Bloomfield(!) where one was visiting a feeder from 12/26 to 1/1 (CS,BK,DKK). Remarkable indeed was a PINE WARBLER in Springfield from 12/15 - 12/31 (WME). Seen at close range flitting from hedge to ground near a suet feeder, the bird was the first of its species to appear in these winter Records. A Common Yellowthroat on the Springfield CBC completes the list of sturdy little warblers persevering through early winter (TEJ).

CARDINAL THROUGH SNOW BUNTING

For the third year in succession more than 1,000 Northern Cardinals were found on Vermont's CBC's. The prosperity of this species is further evidenced by such reports as 34 in Middlebury on 2/10 (JAP), 17 at Ladd

it moved around, running more often than flying, in a weedy field in Chester. The bird was present until at least 1/5 (WGE,NLM). The last CBC record for this elusive and uncommon sparrow was in 1975. Numbers of overwintering Song Sparrows were on the high side with late-winter reports of single birds in South Burlington (WGE,NLM), New Haven (JAP), Bridport (JAP), Clarendon (CJF) and Brandon (SSW). In addition, 2 birds were in Bristol on 1/23 (JAP), 2 were in Springfield on 2/6 (WGE,DHC), 3 were in Addison on 2/15 (JAP) and 4 were in a brushy tangle in Barnet on 1/14 (CCR,KRT). Another surprising find was a Lincoln's Sparrow, discovered behind the parking lot for Ace Hardware in North Springfield on 1/13 (LAS,LLM). The bird, the first winter record of Lincoln's since 1983, was a bonus for out-of-state birders in town for a look at the much advertised Hawk Owl. Swamp Sparrows returned to the CBC roster after a lapse of one year, as singles were found in Vernon, Hanover and Springfield. White-throated Sparrows were only half-hearted participants in a big year for sparrows, as just 35 CBC birds were tallied. Only one late sighting was reported - a single bird at a feeder in Pompanoosuc on 1/14 (CCR,KRT). For the seventh year in a row the White-crowned Sparrow joined the CBC fun, this a single bird in Brattleboro (WDN). Dark-eyed Juncos were well represented with 587 CBC birds, a good but not outstanding total, while other reports included 12 in Vernon on 2/6 (WGE,DHC) and 10 each in Shoreham on 12/21 (JAP) and in Colchester on 12/28 (WDB). Lapland Longspurs were reported exclusively from the Champlain basin with 52 on the Middlebury CBC, 90 in Addison on 1/18 (JAP), and smaller numbers in Bridport (MBN), New Haven (JAP) and Whiting (EBB). Snow Buntings seemed a bit shy during the CBC season, but later reports were quite impressive, though certainly not comparable to those of the past two years. Flocks of 1,000 were at Addison and/or DCWMA during mid-January (MBN,JAP) while other sightings included 750 at East Rupert on 1/29 (EFG), 500 in Danby on 1/20(RWS (both in the Taconic Mts./Valley of Vermont area), 200 in New Haven on 1/14 (JID,MCD), 200 in Weybridge on 1/7

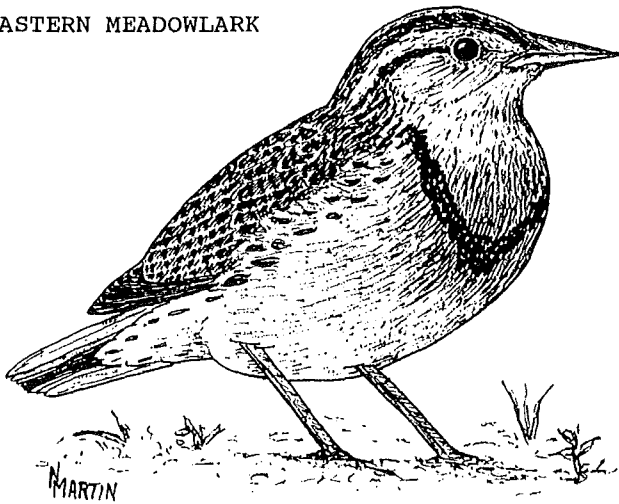
(WGE,DHC) and 200 in Ferrisburgh on 2/3 (JID,MCD). The high count in eastern Vermont was 100 at the Caledonia airport on 2/16 (PFW,SAW).

ICTERIDS

Red-winged Blackbirds embraced both ends of the season, producing impressive numbers of lingering birds and early migrants alike. The best CBC total in at least 15 years featured 83 birds at Vernon, still far shy of the record 210 found at Ferrisburgh back in 1956. Mid-winter reports were sparse, however, with one overwintering bird at Brandon (SSW), 3 m. in Orwell on 1/10 (WGE,NLM) and 2 ind. at Alburg on 1/22 (DJH). First spring migrants reported were 3 in Marlboro on 2/22 (JPN), 1 in Norwich on 2/24 (ECJ), 2 in West Woodstock on 2/25 (SMO) and a noteworthy 350 (including one f.) in Vernon on 2/24 (WGE,NLM,DHC). Though widely reported in southern New England, the Eastern Meadowlark was a CBC miss and produced just one report for the season: a single bird apparently overwintering in

anything but common, with just 3 CBC birds to report, singles in Ferrisburgh, Middlebury and Champlain Islands. Even the Pine Siskin could only muster an unexciting 216 CBC birds, these mostly in Springfield and on the Champlain Islands. One hundred sixty were on Grand Isle on 1/3 (RBL), but all had disappeared ten days later. Late-winter sightings were very infrequent, though 40 birds were in Marlboro on 2/4 (JPN), 20 were in Springfield on 2/6 (WGE,DHC), 12 were in Brandon on 2/24 (SSW) and 6 were in Vernon on 2/6 (WGE,DHC). American Goldfinches followed a similar pattern: an entirely respectable CBC tally of 1590 individuals but only spasmodic appearances thereafter. High counts were 38 in Addison and Ferrisburgh on 1/7 (WGE,DHC), 31 in Benson on 1/10 (WGE,NLM), 45 in Cornwall on 1/18 (JAP) and 22 in Vernon on 2/6 (WGE,DHC). Meanwhile, Evening Grosbeaks were comparatively sparing to managers of feeding stations, as only 3537 were present for the CBC season, far below peak populations in the 8,000-12,000 range. One hundred birds did descend on a feeder in Calais (CSS), but other high counts were more modest: 75 in Hinesburg on 12/14 (PRW), 75 in Middlebury on 12/13 (JAP), 59 in Castleton on 1/10 (WGE,NLM) and 56 in Lincoln on 2/26 (JRA). Also of some solace for feeder-watchers, the House Sparrow declined in numbers, albeit modestly, as less than 10,000 CBC birds were found for the first time since 1987.

EASTERN MEADOWLARK



Monkton located on 1/26 (SSW). A lone Rusty Blackbird on the Winhall CBC made it six years in a row for this difficult icterid, while Common Grackles were also rare with just 18 CBC birds, most of them at Burlington. The only February migrant was a single at Vernon on 2/24 (WGE,NLM,DHC). Despite a mediocre CBC showing, Brown-headed Cowbirds lingered in surprising numbers with 30 at New Haven on 1/7 (JAP) and 50 at Thetford on 1/14 (CCR,KRT). Joining other blackbirds in the spring's first major influx were 20 at Vernon on 2/24 (WGE,NLM,DHC).

FRINGILLIDS THROUGH HOUSE SPARROW

Pine Grosbeaks settled for an off year, as only 27 CBC birds were uncovered, in the Bennington and Ferrisburgh circles. Readers fared no better with just one report of 10 ind. in Ferrisburgh on 12/11 (JID,MCD). Purple Finches were equally scarce with just 39 present for the CBC's. Other sightings, all singles, were in Westminster West on 12/3 (AMD), West Bolton on 12/7 (MC), Brandon on 12/7 (SSW) and Ferrisburgh on 1/10 (JID,MCD). House Finches, on the other hand, were again abundant with a host of reports from contributors throughout the state. High counts were 64 in Castleton on 1/10 (WGE,NLM), 50 in Springfield on 1/21 (WME) and 50 in Middlebury on 2/17 (JAP). Ninety-one were counted in the Addison/Panton/Ferrisburgh area on 1/7 (WGE,DHC). Another northern finch in short supply was the White-winged Crossbill with only two records: 8 birds in Ferrisburgh on 12/16 (JID,MCD) and a single bird on the Ferrisburgh CBC held the previous day. There were no reports of Red Crossbill, while Common Redpolls were

Contributors

CEAd	Chester Adams	CJF	C.J. Frankiewicz
MA	Mary Albro	PG	Peggy Gage
JJA	Jeffrey Allen	ELG	Ted Gaine
JSA	Jim Andrews*	BCG	Bernie Galgoci
JRA	Jean Arrowsmith	JBG	John Gallegos
EBB	Betty Barbarise	BGa	Brenda Garsh
WDB	William Barnes	EFG	Betty Gilbert
MB	Mal Beattie	DG	Dale Good
ACB	Angus Black	LG	Linda Gray
PB	Paul Bougher	REG	Ray Griffin
PBR	Peter Bramhall	EG	Ev Grimes
GRB	Gordon Brown	BPG	Bea Guyett
REB	Robert Burns	GEHa	Terry Hall
SC	Scott Cairns	GH	Gary Herzog
MC	Mike Cassara	CJH	Cathy Hickman
HDC	Howell Chickering	BMH	Beryl Hinton
WTC	Winona Chickering	DJH	David Hoag
EWC	Elizabeth Clapp	REH	Ruth Holleran
MCC	Mary Clapp	RHH	Rhoda Horne
DC	Don Clark*	DH	David Howell
JJC	Jeremy Coleman*	JH	John Hoyer
RAC	Robert Conway	FMH	Fred Hunt
SCO	Sam Conway	GEH	Gloria Hunt
WJC	William Crenshaw	MH	Mel Hunter
DHC	Dan Crook	BRJ	Betty Rist Jillson
JND	Janet Dana	EEJ	Ernie Jillson
HJD	Henry Dandeneau	TEJ	Tait Johansson
CAD	Cindy Daubenspeck	ECJ	Ed Johnson
AMD	Allison Deen	MJ	Mike Johnson
SJD	Sarah Jane Dudley	GAJ	Glynis Jordan
BCD	Bonita Dundas*	FK	Francesca Keeler
LD	Louis DuPont	EK	Liz Kellogg
JID	John Dye	BK	Barbara Killam
MCD	Margaret Dye	DKK	David Killam
JBE	Jen Ellertsen	WBK	Warren King
EE	Eleanor Ellis*	RSK	Ruth Kosche
GFE	George Ellison	CK	Carol Krieg
RE	Roy Ellison	MSL	Mark LaBarr
WGE	Walter Ellison*	LL	Linda Ladd
WME	Wally Elton	HML	Henry Lappen
LJE	Lynn Erb	PWL	Peggy Larson
ATF	Abbott Fenn*	JDL	David Laughlin
CCF	Chris Fichtel	RBL	Richard Lavallee*
LF	Lionel Fisher	GPL	George Lisi*
JNF	Jean Fleming	TLY	Tod Lynch
RWF	Robert Foley	JMA	John MacArthur
		JDM	John Marsh

JPM	Janet Martin	PCR	Peter Riley
JBM	John Martin	SJS	Jean Sangdahl
MM	Molly Martin	CSS	Craig Scharf
NLM	Nancy Martin*	DS	Daniel Schell
LLM	Larry Master	ES	Elizabeth Shiao
HM	Hugh Massey	NS	Nancy Simson
ABM	Al Merritt*	CS	Cora Smith
DM	Dorrit Merton	SS	Sally Smith
JM	Joan Mlevch	SWS	Samuel Smith
SMo	Sharon Moore	LAS	Lesley Sneddon
SM	Susan Mordecai	MS	Mark Sokol
LM	Lloyd Moyer	RS	Russell Spring
WFn	William Nacel	RWS	Ruth Stewart
MDN	Mimi Neff	ABS	Allan Stimson
MBN	Marge Nelson	RSu	Ron Suec
JPN	John Nevins	KRT	Kevin Taft
JMN	Julie Nicholson*	HWT	Helene Toolan
CJN	Clem Nilan	JMT	James Tooln
MN	Mike Noland	BET	Brian Toomey
WJN	William Norse*	STs	Scott Tsagarakis
CN	Corinne Nye	ST	Seth Tudor
CMO	Celia Oakman	HV	Helen Vail
FO	Frank Oatman*	RV	Robert Vail
JRO	Joseph Oeulette	VFWD	Vermont Fish & Wildlife Dept.
CO	Charles Olsen	PFW	Paul Wagner
SP	Steve Parren	SAW	Shirley Wagner
OP	Oliver Peck	SSW	Susan Wetmore
KP	Kaye Peck	PLW	Peter Whitlock
JAP	Judy Peterson	PRW	Paul Wiczoreck*
MAPe	Martha Peterson	AW	Ann Willard
RWP	Roy Pilcher*	DW	Deb Williams
AP	Alan Pistorius*	WHW	William Willis
JP	Jean Polworth	CMW	Carol Wood
RP	Robert Popp	JFW	Jonathan Wood
CRP	Carol Powell	JW	Jon Wood
BWP	Barbara Powers	RWW	Reginald Woolard
EBP	Eleanor Pratt	BW	Bob Wright
FAP	Frederick Pratt	JLW	Julia Lloyd Wright
HSP	Hugh Putnam*	KY	Kathy Yandell
MTQ	Michael Quinn	CY	Connie Youngstrom
NER	Nancy Read		
MR	Mrs. Rice		
CCR	Chris Rimmer		

*Christmas Bird Count compiler

The *Records of Vermont Birds* is published quarterly by the Vermont Institute of Natural Science. Subscription is on an annual basis dating from the original month of subscription. One year \$8.00.

Contributors are reminded to send in rare and unusual bird sightings at once (or to call the Vermont Bird Alert) and to submit seasonal summaries promptly at the end of each season. This publication is only as complete as you make it. If you need sighting cards, write VINS, PO Box 86, Woodstock, VT 05091, or call us at (802) 457-2779.

WINTER - 1 December - 29 February
 Editor, Frederick Pratt

SPRING - 1 March - 31 May
 Editors, Whitney Nichols
 William Norse

SUMMER - 1 June - 31 July
 Editors, Lynn Erb
 Roy Pilcher

AUTUMN - 1 August - 30 November
 Editors, Jeremy Coleman
 Terry Hall

EDITOR: Julie Nicholson
 LAYOUT & ILLUSTRATION: Nancy Martin
 FIELD CARD COMMITTEE CHAIRMAN: Whitney Nichols

Abbreviations Used in the Text

CBC	Christmas Bird Count
DCWMA	Dead Creek Wildlife Management Area, Addison
MNWR	Missisquoi National Wildlife Refuge, Swanton
ad.	adult(s)
f.	female (s)
imm.	immature (s)
ind.	individual (s)
juv.	juvenile (s)
L.	Lake
max.	maximum
pr.	pair (s)
R.	River
v.o.	various observers

The VERMONT INSTITUTE OF NATURAL SCIENCE is a nonprofit membership organization with statewide programs in environmental education and ornithological research. Our purpose is to promote an understanding of and appreciation for the natural world; membership is open to all interested in this purpose. Publications include a quarterly newsletter and calendar, and the annual magazine, VERMONT NATURAL HISTORY. Membership is \$16 - Individual; \$23 - Family; \$40 - Supporting.

VERMONT INSTITUTE OF NATURAL SCIENCE, P.O. Box 86, Woodstock, Vermont 05091 802/457-2779

RECORDS OF VERMONT BIRDS
 Vol. 19, No. 1 - Winter 1990-1991
 Published November 1991

Vermont Institute of Natural Science
 PO Box 86
 Woodstock, Vermont 05091

NON-PROFIT ORG.
 U.S. POSTAGE
 PAID
 Vermont Institute
 of Natural Science