

FIELD RECORDS

DECEMBER 1990

by George W. Gove and Robert H. Stymeist

The temperature averaged 40.7 degrees in December, a new record. This was 7.0 degrees above the normal and surpassed the old record of 40.4 degrees in December 1891. There were seven days in the 60s, with a high of 67 on December 23. Christmas Bird Counters on that day found that spring peepers calling made it difficult to hear owls. Rainfall totaled 3.18 inches, 1.30 inches less than normal. Snowfall was just 1.2 inches, 6.3 inches below the normal and the least since 1973, a year with only a trace of snow.

These December reports do not include Christmas Bird Count (CBC) results. The summary of the CBCs appears elsewhere in this issue. R.H.S.

LOONS THROUGH ALCIDS

Red-throated and Common loons were noted on the ferry crossing from Hyannis to Nantucket. About 25,000 gannets were estimated at Monomoy as were 100,000 eider and 25,000 Red-breasted Mergansers. Snowy Egrets and Glossy Ibises were present as late as December 9 and 16, respectively. A **Barnacle Goose** was reported and photographed in Lexington, and male Eurasian Wigeons spent the month in Chatham and Plymouth.

A Turkey Vulture was noted in Randolph late in the month, and Ospreys were present through midmonth. Bald Eagles were noted at six locations in addition to the usual Quabbin birds. **Gyrfalcons** were reported from Plum Island and Chatham.

In early December, abnormally high tides in conjunction with a storm yielded both Virginia and Clapper rails at Fort Hill in Eastham. Common Moorhens were noted at three locations with 3 seen at Nantucket at month's end. Among shorebird reports were 2 Western Sandpipers and 5 Long-billed Dowitchers. Gull reports included an adult Little Gull at Nantucket and 2 **Mew Gulls**, one at Winthrop and another at Quincy, both present from midmonth on. On the alcid front, 7 Dovekies were reported from Provincetown as well as individuals from four other locations, and 4 were found dead. Other alcid reports included 3 or 4 individual Common Murres and about 4660 Razorbills seen in one hour at Provincetown.

The Cape Cod Bird Club's eighth annual Lake and Pond Waterfowl Survey (CCBC-LPWS) was conducted on the weekend of December 1-2 and recorded 11,982 individuals of 28 species. Thirty-nine observers censused 328 ponds, 40 more than in previous years. The weather preceeding the survey was mild, and no icing was present. Four species were found in record numbers: American Black Duck (2004), Mallard (1911), Gadwall (151), and Hooded Merganser (720). Only one species, the American Coot, with just 15 individuals, established a record low. G.W.G.

DATE	LOCATION	NUMBER	OBSERVERS	DECEMBER 1990
Red-throated Loon				
2, 24	Rockport, Rochester	3, 1	R. Stymeist#, M. Maurer	
29, 31	Hyannis-Nantucket, Wellfleet	25, 3	G. d'Entremont, R. Stymeist#	
Common Loon				
2	Newburyport, Rockport (A.P.)	6, 5	G. d'Entremont	
29; 30	Hyannis-Nant., Nant.; P.I.	30, 110; 8	G. d'Entremont, S. Perkins#; BBC (J. Nove)	
Pied-billed Grebe				
1-2	Cape Cod	43	CCBC-LPWS	
1-16, 12	Arlington, Plymouth	3 max 12/1, 4	L. Taylor, T. Aversa	
15-30, 23	Cambridge (F.P.), Southboro	2, 1	D. Flood, E. Taylor	
Horned Grebe				
1, 9	Winthrop	19, 7-10	P. + F. Vale	
8, 9	Wachusett Res., Quabbin (G37)	8, 8	M. Lynch#	
Red-necked Grebe				
1, 2	Quincy, Rockport (A.P.)	2, 3	G. d'Entremont#	
17, 29	Winthrop, Nantucket	5, 20	T. Aversa, S. Perkins#	

DATE	LOCATION	NUMBER	OBSERVERS	DECEMBER 1990
Northern Gannet 1, 2 3	Eastham, Rockport (A.P.) off Monomoy	60, 50 25,000	J. Hoye, G. d'Entremont# W. Bailey	
Great Cormorant 2, 3 13, 31	Rockport, Chatham Sherborn, Nantucket	54, 86 2 imm, 4	M. Lynch#, W. Bailey E. Taylor, G. d'Entremont#	
Double-crested Cormorant 13, 29	Quincy, Nantucket	1, 3	G. d'Entremont#	
American Bittern 6, 16-18	Squantum	1, 1	K. Ryan, D. Brown#	
Great Blue Heron 9, 15 12-31	Newburyport, Weymouth Reports of individuals from 4 locations.	4, 21	J. Berry, R. Campbell	
Snowy Egret 7, 9	Quincy, E. Boston (Logan)	1, 1	K. Ryan, N. Smith	
Glossy Ibis 2, 5 7, 16	P.I. Squantum, Winthrop	1, 1 2, 1	G. d'Entremont#, S. Perkins# K. Ryan, R. Stymeist#	
Mute Swan 1-2, 1-22	Cape Cod, Arlington	137, 1	CCBC-LPWS, L. Taylor	
Snow Goose 1, 10-31	N. Monomoy, Medfield	1, 1	B. Nikula#, P. Iarrobino	
Brant 9, 22	Revere, Winthrop	70, 250	P. + F. Vale	
Barnacle Goose 6-7	Lexington	1 ph (details)	L. Batchelder + v. o.	
Canada Goose thr thr, 1-2 1, 17	Cambridge (F.P.), Wakefield Sherborn, Cape Cod Worcester, P.I.	159, 200 435, 961 743, 440	D. Flood, P. + F. Vale E. Taylor, CCBC-LPWS M. Lynch#, W. Drew#	
Wood Duck 23	Randolph	1	T. Raymond	
Green-winged Teal 1-2, 1-25, 18	C. Cod, Arlington, Halifax	30, 15 max, 26	CCBC-LPWS, L. Taylor, T. Aversa	
American Black Duck thr thr 1-2	P.I. S. Dart. (Allens Pd) Cape Cod	1200 max 12/14 314 max 12/20 2004	M. Lynch# + v. o. LCES (J. Hill) CCBC-LPWS	
Mallard 1-2	Cape Cod	1911	CCBC-LPWS	
Northern Pintail 1-2, 2, 6-26	C. Cod, S. Monomoy, P.I.	48, 11, 30 max	CCBC-LPWS, S. Perkins#, P. + F. Vale	
Northern Shoveler 2	S. Monomoy	74	S. Perkins#	
Gadwall 1-2; 12, 26	C. Cod; Plymouth, E. Gloucester	151; 21, 3	CCBC-LPWS; T. Aversa	
Eurasian Wigeon thr	Chatham, Plymouth	1 m, 1 m	v. o.	
American Wigeon 1-2, 1-22	Cape Cod, Arlington	86, 43 max 12/22	CCBC-LPWS, L. Taylor	
Canvasback thr, 1-2 1, 26-31 23, 28	Cambridge (F.P.), Cape Cod Southboro, Marlboro Randolph, Nantucket	36 max 12/7, 727 1, 2-7 56, 150	D. Flood, CCBC-LPWS E. Taylor, R. Graefe T. Raymond, S. Perkins#	
Redhead 12, 17; 28 28	Plymouth (Billington Sea); Nantucket	6, 10; 80 80	T. Aversa, R. Forster; S. Perkins# S. Perkins#	
Ring-necked Duck 1-2 1; 15, 22 7; 15, 31 24, 31	Cape Cod Southboro; Framingham Cambridge (F.P.); W. Newbury Stoneham, Lakeville	109 25; 25 8; 14, 22 4, 35	CCBC-LPWS E. Taylor; G. Gove D. Flood; A. + B. Delorey T. Aversa, K. Anderson	
Greater Scaup 1-2 1-20, 23	Cape Cod Cambridge (F.P.), Natick	907 8 max 12/7, 20	CCBC-LPWS D. Flood, E. Taylor	
Lesser Scaup 11, 13	Lincoln (Cambr. Res.), Cambr. (F.P.)	4, 1	R. Forster#, D. Flood	
Common Eider 2, 10	N. Monomoy	30,000, 100,000	S. Perkins#, W. Bailey	

DATE	LOCATION	NUMBER	OBSERVERS	DECEMBER 1990
Harlequin Duck thr, 2-31	E. Orleans, Rockport (A.P.)	1, 11 max 12/16	v. o.	
Oldsquaw 2; 6, 20	N. Monomoy; Newburyport	1000; 75, 20	S. Perkins#; P. + F. Vale	
Black Scoter 2, 29	Rockport, Nantucket	21, 300	M. Lynch#, S. Perkins#	
Surf Scoter 2, 28	N. Monomoy, Nantucket Sound	250, 420	S. Perkins#	
White-winged Scoter 26	P.I.	200	T. Young	
Common Goldeneye thr, 1-2, 9	Winthrop, C. Cod, Rockport	30 max, 267, 28	P. Vale#, CCBC-LPWS, T. Young	
Barrow's Goldeneye 1, 1-16 28	Quincy, Cape Ann Nantucket	1 m, 1 m 4	D. Brown#, BBC (S. Bolton) S. Perkins	
Bufflehead 1-2 2; 23, 31	Cape Cod Newbypt; Wakefield, Winthrop	1645 125; 30, 45	CCBC-LPWS G. d'Entremont#; P. + F. Vale	
Hooded Merganser thr, 1-2 1-13, 1-22 2, 9	Stoneham, Cape Cod Arlington Res., Arlington (Spy Pd) S. Monomoy, Ipswich	21 max 12/24, 720 18 max, 42 max 30, 40	T. Aversa, CCBC-LPWS L. Taylor S. Perkins#	
Common Merganser thr 1-25, 1-22 7, 9	Stoneham Arlington Res., Arlington (Spy Pd) Lakeville, Quabbin (G37)	209 max 12/16 10 max, 15 max 55, 183	T. Aversa L. Taylor K. Anderson, M. Lynch#	
Red-breasted Merganser 2, 29	Monomoy, Nantucket	25,000, 8000	S. Perkins#	
Ruddy Duck thr, 1-13 2, 23	Arlington (Spy Pd), Arlington Res. S. Monomoy, Framingham	2, 20 max 30, 20	L. Taylor S. Perkins#, E. Taylor	
Turkey Vulture 27	Randolph	1	T. Aversa	
Osprey 1, 8-17	Carver, Wellesley	1, 1 or 2	M. Maurer#, C. Quinlan	
Bald Eagle 2 9 7-15, 16 23	Eastham, Middleboro Newburyport, Quabbin (G37) Chatham, Boylston Randolph	1 imm, 1 imm 1 imm, 13 1, 1 ad 1 ad	R. Stymeist#, M. Maurer# S. Perkins#, M. Lynch# W. Bailey, E. Salmella T. Raymond	
Northern Harrier thr, 2 2, 5	P. I., Monomoy Halifax, Salisbury	5 max, 9 5 or 6, 8	v. o., S. Perkins# M. Maurer#, T. Aversa	
Sharp-shinned Hawk 1, 29 1-31	Groveland, Nantucket Reports of individuals from 14 locations.	1, 2	D. F. Oliver#, S. Perkins#	
Cooper's Hawk 1, 11, 26 7, 22 29-30	Stoneham, Boston, P.I. Chatham, Orleans Nantucket	1 imm, 1 imm, 1 1, 1 1 ad	T. Aversa W. Bailey, J. Young G. d'Entremont# + v. o.	
Northern Goshawk 13	Milton, Forestdale	1 ad, 1	S. Perkins, P. Trimble	
Red-shouldered Hawk 9, 13	E. Middleboro, Lynnfield	1, 1 ad	K. Anderson, C. Leahy	
Red-tailed Hawk 1, 2 25	Bridgewater, Middleboro-Halifax Norton-Franklin (Rt. 495)	4, 4 4	M. Maurer# K. Anderson	
Rough-legged Hawk 6, 30 12, 26 24, 28	P. I., Newburyport Middleboro, Essex Ipswich, Nantucket	1, 1 2, 1 1 dk, 1 dk	P. + F. Vale T. Aversa T. Young, S. Perkins#	
American Kestrel 1, 2 2, 6	Bridgewater, Middleboro P.I., Newburyport	2, 3 3, 4	M. Maurer# G. d'Entremont, P. + F. Vale	
Merlin 1, 6 10, 31 1-29	Cape Ann, Lynnfield Provincetown, Nantucket Reports of individuals from 4 locations.	1, 1 1, 1	BBC (S. Bolton), P. + F. Vale K. Jones, G. d'Entremont#	

DATE	LOCATION	NUMBER	OBSERVERS	DECEMBER 1990
Peregrine Falcon				
1-26, 2	N. Monomoy, Chatham	1, 4	W. Bailey + v. o., S. Perkins# + v. o.	
14, 26, 30	P.I.	1 imm, 1, 1	M. Lynch#, T. Aversa#, BBC (J. Nove)	
24	Essex	1	R. Humphrey	
Gyr Falcon				
2, 15	P.I., Chatham	1 (details), 1	R. Bradbury#, P. Bailey	
Ruffed Grouse				
9, 30	Hamilton, Ipswich	1, 1	J. Berry	
27, 30	W. Bridgewater, Easton	5, 1	T. Aversa#, K. Ryan	
Wild Turkey				
30	Barre	37	M. Lynch#	
Clapper Rail				
2	Eastham (F.H.)	1	C. Ewer	
Virginia Rail				
2, 31	Eastham (F.H.), Nantucket	2, 2	C. Ewer, G. d'Entremont	
Common Moorhen				
1; 30	Chatham, Cotuit; Nantucket	1, 1; 3	P. Trimble#, B. Nikula#; G. d'Entremont#	
American Coot				
1-2, 1-22	Cape Cod, Arlington (Spy Pd)	15, 27-29	CCBC-LPWS, L. Taylor	
12, 29	Plymouth, Nantucket	230, 15	T. Aversa, S. Perkins#	
Black-bellied Plover				
thr	Quincy	8 max 12/1	G. d'Entremont	
Killdeer				
1, 2	Worcester, Provincetown	1, 1	M. Lynch#, K. Jones	
6, 11	Marlboro, Lincoln	1, 4	R. Graefe, R. Forster#	
Greater Yellowlegs				
18, 30	Nauset, P.I.	2, 1	K. Jones, BBC (J. Nove)	
2-21	Reports of individuals from 4 locations.			
Ruddy Turnstone				
1, 4	Quincy, Winthrop	2, 4	G. d'Entremont#, T. Aversa	
Red Knot				
4	Winthrop	2	T. Aversa	
Sanderling				
2, 4	S. Monomoy, Winthrop	800, 65	S. Perkins#, T. Aversa	
25	Quincy	5	G. d'Entremont	
Western Sandpiper				
4	Winthrop	2	T. Aversa	
Purple Sandpiper				
1, 4	Winthrop	27, 2	P. + F. Vale, T. Aversa	
26	P.I.	2	T. Aversa	
Dunlin				
2, 9	S. Monomoy, Revere	700, 100	S. Perkins#, P. + F. Vale	
6, 31	P.I., Winthrop	30, 28	W. Drew#, P. + F. Vale	
Long-billed Dowitcher				
6	P.I.	5	W. Drew#	
Common Snipe				
26	Newburyport	2	T. Aversa	
Little Gull				
31	Nantucket	1 ad	G. d'Entremont#	
Common Black-headed Gull				
1, 22	Lynn	1 ad	J. Quigley	
4, 22-26	Provincetown	1 (2W), 1 (1W)	K. Jones	
9, 17	Winthrop, E. Boston	6, 2	P. + F. Vale, T. Aversa	
Bonaparte's Gull				
thr	Provincetown	80 max 12/10	K. Jones	
1, 4	Quincy, Winthrop	500, 240	G. d'Entremont#, T. Aversa	
10, 30	Lynn	400	J. Quigley	
Mew Gull				
17-31, 16-31	Quincy, Winthrop	1 ad, 1 ad	R. Abrams, S. Perkins#	
Ring-billed Gull				
3	Lynn	350	J. Quigley	
Iceland Gull				
13-31	Provincetown	7 max 12/13	K. Jones	
2-25	Reports of individuals from 5 locations.			
Lesser Black-backed Gull				
1, 5, 22	Lynn, Provincetown, Truro	1, 1 (2W), 1	J. Quigley, K. Jones, J. Young	
Glaucous Gull				
2, 13	Gloucester, Provincetown	1, 1 (2W)	J. Quigley, K. Jones	
29	Nantucket Sound	1 ad	G. d'Entremont#	

DATE	LOCATION	NUMBER	OBSERVERS	DECEMBER 1990
Black-legged Kittiwake 2	Rockport (A.P.), N. Monomoy	75, 300	G. d'Entremont#, S. Perkins#	
Dovekie thr, 1 4, 6; 29 1-22	P'town, Rockport (A.P.) Andover; Osterville Reports of individuals from 4 locations.	7 max, 1 eaten by gull 1 dead, 1 dead; 1	R. Stymeist# + v.o., BBC (S. Bolton) dead fide T. French; R. Barber	
Common Murre 2, 9 24, 31	Rockport (A.P.), Chatham Provincetown	1, 1 oiled 1, 1 (ph)	F. Burrill, W. Bailey# K. Jones, R. Stymeist#	
Thick-billed Murre 10-31, 26-31	P'town, Rockport H.	2, 1	K. Jones + v. o., v. o.	
Razorbill 2, 24 29, 31	Rockport (A.P.), P'town Nantucket	25, 4660 in 1 hour 200, 300	G. d'Entremont#, K. Jones S. Perkins#, G. d'Entremont#	
Black Guillemot 2, 19 21, 26; 29	Rockport (A.P.) Provincetown; Nantucket	3, 3 1, 2; 1	G. d'Entremont#, T. Young K. Jones; S. Perkins#	

OWLS THROUGH FINCHES

There was a good showing of Short-eared Owls with maxima of 6 at Salisbury and 7 in the Cumberland Farms area of Halifax and Middleboro. A **Black-backed Woodpecker** was found in Upton early in the month and was seen off and on through the end of the month, foraging on a dead pine. The crow roost in Framingham reached an estimated 6000 individuals by the end of the month, and Fish Crows were noted among them. There was a good flight of Northern Shrikes. At least 17 individuals were reported from a wide area.

Nantucket birders found several warblers on the island, notably 2 Orange-crowned, and late Prairie and Wilson's warblers. A late Northern Waterthrush was present early in the month in Waltham. A male **Painted Bunting** was present at a feeder in North Falmouth for five days. Other December highlights included a Dickcissel on Nantucket, Clay-colored and Lark sparrows in Forestdale, and a Grasshopper Sparrow in Halifax. Winter finch reports were discouraging with just a few siskins, one flock of Red Crossbills, and two flocks of White-winged Crossbills.

R.H.S.

Barn Owl 19, 29	W. Roxbury, Nantucket	1, 2	T. Aversa, G. d'Entremont#
Eastern Screech-Owl 1, 2	Groveland, Essex	1, 3	I. Giriunas, T. Young
Great Horned Owl	Reports of 1-3 birds (total 11) from 7 locations.		
Snowy Owl thr 2, 20	P.I., Boston (Logan) S. Monomoy, P'town	1 or 2, 1 or 2 2, 2	v. o. W. Bailey#, D. Sealy
Barred Owl 19	Norwell	1	D. Brown
Long-eared Owl 18; 19, 23 24, 27; 29-31	Harwich; Clinton Essex; Nantucket	1; 1, 4 2, 2; 1	R. Fisher, E. Salmela# T. Young; G. d'Entremont#
Short-eared Owl thr thr 2 7, 24	P.I., Salisbury Boston, Halifax-Middleboro Chatham, Eastham Wellfleet, Essex	1 or 2, 3-6 1-3, 6 or 7 2, 2 2, 1	v. o. N. Smith, T. Aversa + v. o. W. Bailey#, K. Griffin# R. Everett, R. Humphrey
Northern Saw-whet Owl 9 15; 26	Petersham, Hamilton Weymouth, Norwell; P.I.	2, 1 1, 1; 1	M. Lynch#, J. Berry D. Brown; T. Young
Red-bellied Woodpecker thr, 16 29-31, 31	S. Orleans, Chatham Canton, Marlboro	1, 1 1, 1	G. Martin + v. o., M. Tuttle# B. Blakely, J. Fraser
Yellow-bellied Sapsucker 1, 9	Natick, S. Orleans	1, 1	E. Taylor, G. Martin
Black-backed Woodpecker 10-31	Upton	1	A. St. Cyr + v. o.
Northern Flicker 12, 29	DWWS, Nantucket	5, 25	T. Aversa, S. Perkins
Pileated Woodpecker 9	Quabbin (G37)	2	M. Lynch#
Eastern Phoebe 16	E. Orleans	1	R. Forster#

DATE	LOCATION	NUMBER	OBSERVERS	DECEMBER 1990
Western Kingbird 1, 7, 2	Nantucket; Eastham (F.H.)	1; 1	E. Andrews, B. Vigneau; C. Ewer	
Horned Lark 3, 5	N. Middleboro, Newbury	30+, 250	K. Holmes, S. Perkins#	
American Crow thr	Framingham	6000 max 12/29	E. Taylor	
Fish Crow 1, 11, 14	Braintree, Framingham, Natick	10+, 50, 50	G. d'Entremont, R. Forster, E. Taylor	
Red-breasted Nuthatch 9	Quabbin (G37)	44	M. Lynch#	
Carolina Wren Reports of 1 or 2 birds (total 13) from 8 locations.				
House Wren 3	Rochester	1	M. Maurer	
Winter Wren thr, 30, 31	Stoneham, Ipswich, Winchester	2, 1, 1	T. Aversa, J. Berry, T. Aversa	
Marsh Wren 2, 30	Middleboro, Nantucket	1, 2	M. Maurer, D. Brown#	
Eastern Bluebird 12	Millis, E. Middleboro	2, 2	P. Iarrobino, K. Anderson	
28-30, 31	Taunton, Sudbury	3, 5	N. Rasmussen, H. Tapply	
American Robin 27	Nantucket	100	S. Perkins#	
Gray Catbird 22, 30-31	Falmouth, Nantucket	1, 8	K. Ryan, G. d'Entremont#	
Cedar Waxwing 9	Lexington	27	L. Taylor	
Northern Shrike thr	P.I., P'town	2 or 3, 3 ind	v. o., K. Jones + v. o.	
1, 2	Groveland, Waltham	1, 1	I. Giriunas#, L. Taylor	
2, 9	Eastham (F.H.), Concord (N.A.C.)	1, 1	B. Nikula, R. Forster	
9, 15	Easton, Stoneham	1, 1	K. Ryan, T. Aversa	
17, 26	Rowley, Ipswich	1, 1	J. MacDougall, T. Young	
26, 27	M. V., W. Bridgewater	2, 1	fide V. Laux, T. Aversa	
Orange-crowned Warbler 29, 31	Nantucket	1, 2	K. Jones + v. o.	
Black-throated Green Warbler 6	Chatham (Morris I.)	1	W. Bailey	
Pine Warbler 3-30	E. Middleboro	3	K. Anderson	
Prairie Warbler 31	Nantucket	1	D. Brown#	
Palm Warbler 12	DWWS	1	T. Aversa	
Northern Waterthrush 2	Waltham	1	L. Taylor	
Common Yellowthroat 2, 16	Gloucester	1, 1	M. Lynch#	
Wilson's Warbler 29	Nantucket	1	S. Perkins#	
Yellow-breasted Chat 22, 31	Orleans, Nantucket	1, 1	E. Salmela, G. d'Entremont#	
Northern Cardinal 29	Nantucket	30	S. Perkins#	
Painted Bunting 10-14	N. Falmouth	1 m	M. McCloskey#	
Dickcissel 1	Nantucket	1	F. Reed#	
Clay-colored Sparrow 7; 15, 16	Forestdale; E. Falmouth, Harwich	2; 1, 1	P. Trimble; B. Nikula#	
Field Sparrow 13, 16	Forestdale, N. Middleboro	6, 8	P. Trimble, K. Holmes	
Vesper Sparrow 7	Forestdale	1	P. Trimble	
Lark Sparrow 13	Forestdale	1	P. Trimble	
Savannah Sparrow 13, 18	Forestdale, Halifax	24, 28	P. Trimble, T. Aversa	
Grasshopper Sparrow 12	Halifax	1	T. Aversa	

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Sharp-tailed Sparrow 20	S. Dart. (Allens Pd)	1	LCES (J. Hill)	
Seaside Sparrow 29	P.I.	1	J. Berry	
Fox Sparrow 9, 18	Wakefield, Upton	1, 1	P. + F. Vale, T. Aversa	
Swamp Sparrow 12, 19	Halifax, W. Roxbury	4, 3	T. Aversa	
White-crowned Sparrow 13	Forestdale	1	P. Trimble	
Dark-eyed Junco 3, 20 24, 31	N. Middleboro, Watertown Reading, Lakeville	25, 18 17, 25	K. Holmes, R. Stymeist I. Giriunas, K. Anderson	
Lapland Longspur 5, 29	Newbury, P.I.	80, 20	S. Perkins#, J. Berry	
Red-winged Blackbird 21	Wayland	15	R. Forster	
Eastern Meadowlark 2 14, 18	Salisbury, Eastham (F.H.) S. Dart. (Allens Pd), Halifax	20, 25+ 3, 3	P. Roberts, B. Nikula# LCES (J. Hill), T. Aversa	
Brown-headed Cowbird 1-16, 13 13, 29	Stoneham, Lexington Quincy, N. Middleboro	110 max 12/1, 20 75, 12	T. Aversa, R. Forster G. d'Entremont#, K. Holmes	
Northern Oriole 1; 16	Eastham; Framingham, Boston	1; 1, 1	J. Hoye; R. Unger., P. Iarrobino#	
Pine Grosbeak 16	Clinton	1	E. Salmela	
Purple Finch 9, 12 19, 29	Braintree, DWWS Holliston, Rochester	1, 3 1, 3	G. d'Entremont, T. Aversa T. Aversa, M. Maurer#	
Red Crossbill 9	Quabbin (G37)	6	M. Lynch#	
White-winged Crossbill 16, 30	Sterling, Upton	5, 24	E. Salmela, R. Stymeist#	
Pine Siskin 28, 29	E. Middleboro, Wakefield	1, 4	K. Anderson, P. + F. Vale	
Evening Grosbeak 2, 3 7, 8 9, 12	Rockport, Wayland E. Middleboro, N. Andover Hamilton, DWWS	7, 13 10, 1 2 or 3, 8	G. d'Entremont, H. Parker K. Anderson, J. MacDougall J. Berry, T. Aversa	

HOW TO CONTRIBUTE BIRD REPORTS TO BIRD OBSERVER

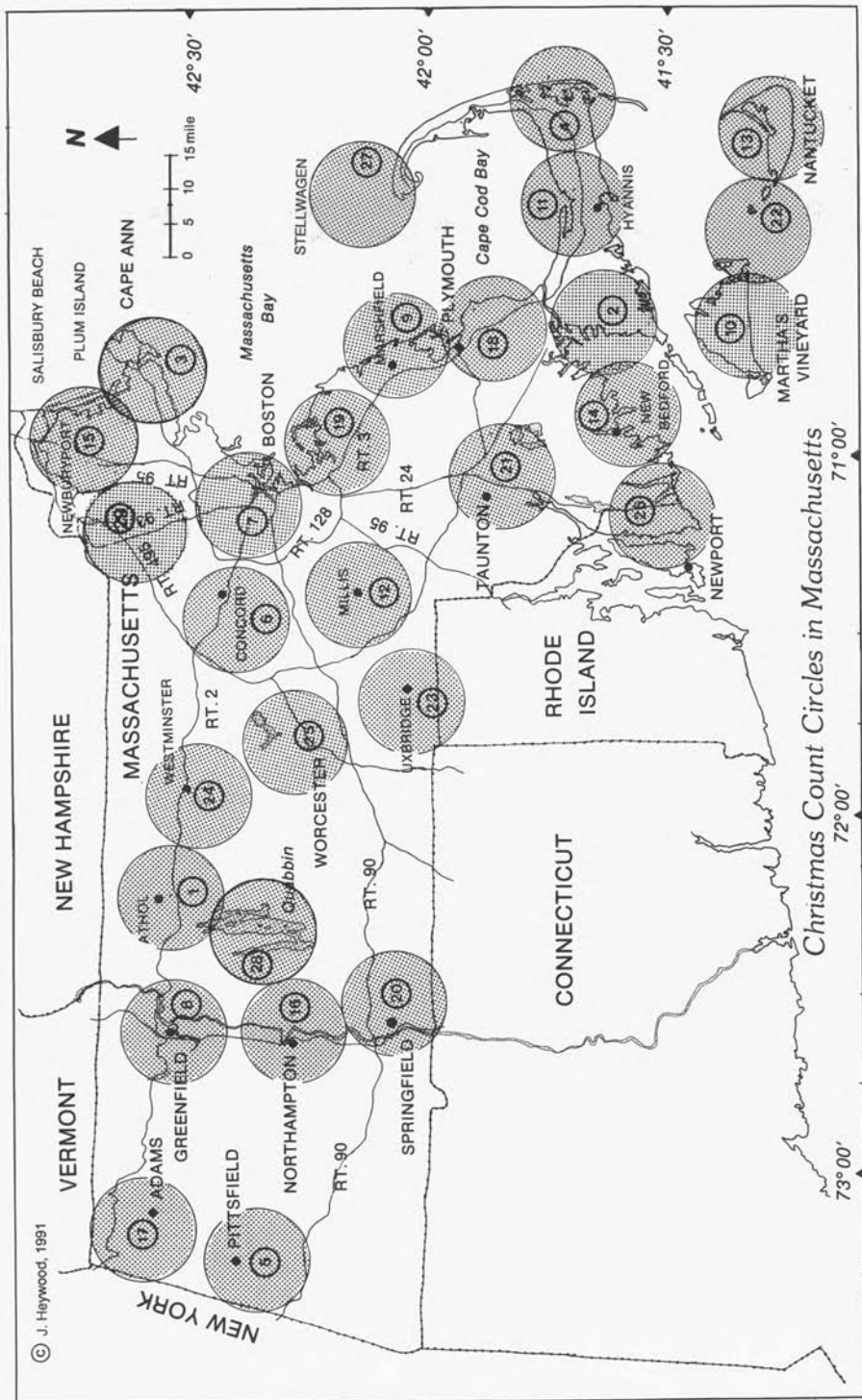
This publication prints monthly compilations of reports of birds seen in eastern Massachusetts. Space does not permit the inclusion of all material submitted. However, field reports sent to Bird Observer are archived at Massachusetts Audubon Society. Our compilers select and summarize for publication sightings that document early and late dates for migratory species, maximum counts of migrants, high or low numbers of some common birds, and species found beyond their normal ranges.

Sightings for any given month must be reported in writing by the eighth of the next month. Send to Bird Reports, Robert H. Stymeist, 98 Boylston Street, Watertown, MA 02172. Organize reports by month and by species in current A.O.U. checklist order. Include name and phone number of observer, common name of species, date of sighting, location, number of birds, number of observers, and information relevant to age, sex, morph, etc.

Reports of difficult identifications, vagrants, and rarities should include, in addition to the above information, time of day and light available, wind and weather conditions, the optics used and approximate distance from the bird, length of observation, the observer's prior experience with the species, and field guide or other reference used. Provide a description of the bird based solely on personal observation. Comment on the distinguishing field marks (observed and unobserved), vocalizations, activity, general behavior, the habitat in the immediate vicinity, and other birds present. Include with your report documentation such as copies of the observer's field notes and sketches.

LIST OF ABBREVIATIONS

ad	adult	G37 or 40	Gate 37 or 40, Quabbin
alt	alternate	H.	Harbor
b	banded	I.	Island
br	breeding	M.V.	Martha's Vineyard
dk	dark (phase)	Mt.A.	Mount Auburn Cemetery, Cambridge
f	female	N.A.C.	Nine Acre Corner, Concord
fl	fledged	Nant.	Nantucket
imm	immature	Newbypt	Newburyport
ind	individuals	P.I.	Plum Island
juv	juvenile	Pd	Pond
loc	location	P'town	Provincetown
lt	light (phase)	Quab.	Quabbin
m	male	Res.	Reservoir
max	maximum	R.P.	Race Point, Provincetown
mi	mile	S. Dart.	South Dartmouth
migr	migrating	S.F.	State Forest
n	nesting	S.N.	Sandy Neck, Barnstable
ph	photographed	S.P.	State Park
pl	plumage	Stellw.	Stellwagen (Bank)
pr	pair	BBC	Brookline Bird Club
S	summer (1S = first summer)	BMB	Broad Meadow Brook, Worcester
thr	throughout	BOEM	Bird Observer of Eastern Massachusetts
v.o.	various observers	CBC	Christmas Bird Count
W	winter (2W = second winter)	CCBC	Cape Cod Bird Club
w/	with	DFWS	Drumlin Farm Wildlife Sanctuary
yg	young	DLSP	Demarest Lloyd State Park
#	additional observers	DWWS	Daniel Webster Wildlife Sanctuary
A.A.	Arnold Arboretum	EMHW	Eastern Massachusetts Hawk Watch
A.P.	Andrews Point, Rockport	FCBC	Felix Cutler Bird Club
B.	Beach	GMNWR	Great Meadows National Wildlife Refuge
B.I.	Belle Isle, E. Boston	IRWS	Ipswich River Wildlife Sanctuary
B.R.	Bass Rocks, Gloucester	LCES	Lloyd Center for Environmental Studies
Buzz.	Buzzards Bay	MAS	Massachusetts Audubon Society
C.	cape as in Cape Cod	MBO	Manomet Bird Observatory
Cambr.	Cambridge	MDFW	MA Division of Fisheries and Wildlife
C.B.	Crane Beach, Ipswich	MNWS	Marblehead Neck Wildlife Sanctuary
Corp. B.	Corporation Beach, Dennis	NEHW	New England Hawk Watch
C.P.	Crooked Pond, Boxford	ONWR	Oxbow National Wildlife Refuge
E.P.	Eastern Point, Gloucester	PRNWR	Parker River National Wildlife Refuge
F.E.	First Encounter Beach, Eastham	SRV	Sudbury River Valley
F.H.	Fort Hill, Eastham	SSBC	South Shore Bird Club
F.M.	Fowl Meadow	TASL	Take A Second Look Harbor Census
F.P.	Fresh Pond, Cambridge	USFWS	US Fish and Wildlife Service
F.Pk	Franklin Park, Boston	WBWS	Wellfleet Bay Wildlife Sanctuary
F.S.F.	Federation State Forest	WMWS	Wachusett Meadow Wildlife Sanctuary



CHRISTMAS BIRD COUNT, 12/15/90-1/2/91

Compiled by Robert H. Stymeist

The Ninety-first Annual Christmas Bird Count (CBC) sponsored by the National Audubon Society was held from December 15, 1990, to January 2, 1991. In eastern Massachusetts and a portion of Rhode Island, there are twenty-four count areas (see map). New this year is the Andover count sponsored by the Merrimack Valley Bird Club. The Tuckernuck count results were unavailable for inclusion in this article.

A total of 180 species, plus "Ipswich" Savannah Sparrow and two exotics, a Mandarin Duck in Newburyport and a Budgerigar in Worcester, was recorded on these twenty-three counts. This was two species more than the total the previous year. The Greater Boston CBC led the counts with 119 species, followed by the Cape Cod CBC with 117. The Glossy Ibis found on the Greater Boston count was the first ever reported on a Massachusetts CBC. Four additional species were found during the CBC period but were not recorded on any area count, Common and Thick-billed murrens on the Stellwagen count and Prairie Warbler and Common Redpoll on the Nantucket count.

We wish to thank all of the compilers who contributed their time to prepare the results for this summary. They are as follows: **Gene Ballard**, Andover (December 29); **Dave Small**, Athol (December 15); **Richard Harlow**, Buzzards Bay (December 15); **John Nove**, Cape Ann (December 16); **Blair Nikula**, Cape Cod (December 16); **Richard Walton**, Concord (December 30); **Robert Stymeist**, Greater Boston (December 16); **Warren Harrington**, Marshfield (December 30); **Sue Whiting**, Martha's Vineyard (December 30); **Peter Trimble**, Mid Cape Cod (December 22); **Donna Munafò**, Millis (December 15); **Edith Andrews**, Nantucket (December 30); **Hope Atkinson**, New Bedford (December 30); **Jim Berry**, Newburyport (December 23); **Trevor Lloyd-Evans**, Plymouth (December 27); **Scott Sumner**, Quabbin (December 29); **Bob Abrams**, Quincy (December 15); **Simon Perkins**, Stellwagen (December 22); **John Kricher**, Taunton-Middleboro (December 23); **Richard Hildreth**, Uxbridge, MA/RI (December 29); **John Williams**, Westminster (December 22); **Fran McMenemy**, Worcester (December 15); **Dave Emerson**, Newport County, RI/Westport, MA (December 15).

Map on facing page: Each Christmas Count Circle was located by the latitude and longitude (in degrees and minutes) of its center. Athol (1), Buzzards Bay (2), Cape Ann (3), Cape Cod (4), Central Berkshire (5), Concord (6), Greater Boston (7), Greenfield (8), Marshfield (9), Martha's Vineyard (10), Mid Cape Cod (11), Millis (12), Nantucket (13), New Bedford (14), Newburyport (15), Northampton (16), Northern Berkshire (17), Plymouth (18), Quincy (19), Springfield (20), Taunton-Middleboro (21), Tuckernuck Island (22), Uxbridge, MA/RI (23), Westminster (24), Worcester (25), Newport County, RI/Westport, MA (26), Stellwagen Bank (27), Quabbin (28), and Andover (29).

91st CHRISTMAS BIRD COUNT, 12/15/90-1/2/91

species	And.	Athol	B. B. C.	Ann	C. Cod	Conc.	Gr. Bos.	Marsh.	M. V.	Mid C.	Millis
Red-throated Loon	0	0	0	11	23	0	4	11	9	3	0
Common Loon	0	1	16	55	46	0	5	37	68	43	0
Pied-billed Grebe	0	0	4	0	10	1	1	0	0	12	0
Horned Grebe	0	2	95	39	19	0	42	21	4	42	0
Red-necked Grebe	0	0	0	7	8	0	11	50	8	10	0
Northern Gannet	0	0	1	58	34683	0	0	12	0	4	0
Great Cormorant	1	0	109	274	204	0	75	2	77	5	1
Double-cr. Cormorant	1	0	3	3	2	0	11	0	3	1	0
American Bittern	0	0	0	0	2	0	2	0	0	0	0
Great Blue Heron	0	0	76	8	110	14	51	19	36	42	12
Green-backed Heron	0	0	0	0	0	0	0	1	0	0	0
Black-cr. Night-Heron	0	0	4	0	3	0	6	0	3	0	0
Glossy Ibis	0	0	0	0	0	0	1	0	0	0	0
Tundra Swan	0	0	0	0	0	0	0	0	4	0	0
Mute Swan	0	0	59	2	11	0	2	2	103	18	2
Snow Goose	0	0	5	0	0	0	0	0	0	0	1
Brant	0	0	164	0	3580	0	571	378	16	242	0
Canada Goose	1421	57	689	1674	714	5211	2456	396	320	543	2766
Wood Duck	0	1	5	0	0	1	0	0	0	0	3
Green-winged Teal	0	0	6	4	4	2	36	3	4	37	10
American Black Duck	14	13	1656	557	2256	192	3460	2665	363	739	271
Mallard	478	10	494	583	238	1050	1613	313	624	459	651
Northern Pintail	0	0	0	0	2	0	2	6	6	61	0
Blue-winged Teal	0	0	0	0	0	0	0	0	0	2	0
Northern Shoveler	0	0	0	0	0	0	0	0	1	1	0
Gadwall	0	0	3	10	9	0	1	5	11	85	0
Eurasian Wigeon	0	0	0	0	1	0	0	0	0	1	0
American Wigeon	0	0	3	3	59	5	82	8	37	68	1
Canvasback	2	0	88	0	59	2	1	1	3	190	0
Redhead	0	0	20	0	0	0	0	0	0	0	0
Ring-necked Duck	17	0	41	0	50	68	31	14	5	11	28
Greater Scaup	0	0	2191	4	114	0	210	45	237	8	0
Lesser Scaup	0	0	4	0	1	0	0	0	0	0	5
scaup species	0	0	0	0	0	1	0	0	0	5	0
Common Eider	0	0	28	291	13379	0	2176	8662	868	2637	0
King Eider	0	0	0	0	1	0	0	2	0	0	0
Harlequin Duck	0	0	0	11	2	0	0	2	31	0	0
Oldsquaw	0	0	80	31	58	0	1	66	18	18	0
Black Scoter	0	0	46	21	12	0	5	38	230	12	0
Surf Scoter	0	0	172	51	18	0	2	7	4	564	0
White-winged Scoter	0	0	322	483	549	0	158	326	184	95	0
Common Goldeneye	49	19	404	401	191	23	443	386	336	217	4
Barrow's Goldeneye	0	0	1	1	0	0	1	0	0	0	0
Bufflehead	0	0	1869	412	1016	18	912	197	557	687	0
Hooded Merganser	0	0	287	2	46	4	180	0	97	72	0
Common Merganser	40	2	62	17	280	76	296	3	21	62	11
Red-br. Merganser	6	0	1207	553	11853	0	525	371	828	198	0
Ruddy Duck	0	0	0	0	0	11	29	0	2	1	0
Turkey Vulture	0	0	0	0	0	0	0	0	0	0	0
Osprey	0	0	0	0	0	0	0	0	0	0	1
Bald Eagle	0	3	0	0	2	0	0	0	0	0	0

91st CHRISTMAS BIRD COUNT, 12/15/90-1/2/91

species	Nant.	N. B.	Newbpt.	Ply.	Quab.	Quin.	Stell.	Tau-Mb.	Uxbr.	Wstm.	Worc.	Nwp.RI*
RTLO	13	3	9	5	0	5	3	0	0	0	0	18 / 5
COLO	45	10	36	70	4	10	2	0	0	0	10	48 / 12
PBGR	1	1	0	5	0	3	0	9	1	0	0	0 / 0
HOGH	6	47	12	28	30	48	0	0	0	0	1	86 / 15
RNGR	6	0	3	7	0	54	0	0	0	0	1	1 / 0
NOGA	139	0	0	4	0	0	0	0	0	0	0	22 / 0
GRCO	5	0	8	11	0	221	0	0	0	0	0	1101 / 3
DCCO	5	8	0	3	0	4	0	1	0	0	0	0 / 1
AMBI	0	0	0	0	0	0	1	0	0	0	0	0 / 0
GBHE	20	15	4	30	0	37	2	1	3	0	3	15 / 20
GRHE	0	0	0	0	0	0	0	0	0	0	0	0 / 0
BCNH	7	0	0	4	0	3	0	0	0	0	0	0 / 0
GLIB	0	0	0	0	0	0	0	0	0	0	0	0 / 0
TUSW	0	0	0	0	0	0	0	0	0	0	0	0 / 0
MUSW	81	98	16	95	0	2	0	12	0	0	0	127 / 42
SNGO	0	0	0	0	0	0	0	0	1	0	0	0 / 0
BRAN	0	94	0	447	0	1490	0	0	0	0	0	12 / 0
CAGO	146	625	4142	693	3	699	0	1422	499	128	1380	3887 / 910
WODU	0	0	0	6	0	0	0	0	0	0	1	0 / 0
GWTE	16	0	22	2	2	2	0	0	0	0	0	59 / 3
ABDU	207	377	3044	886	290	1720	64	126	209	207	352	1336 / 466
MALL	394	527	857	816	95	482	95	374	243	247	966	451 / 165
NOPI	1	0	34	8	0	0	0	0	2	0	0	32 / 3
BWTE	0	0	0	0	0	0	0	0	0	0	0	1 / 0
NOSH	0	0	0	0	0	0	0	0	0	0	0	0 / 0
GADW	0	0	34	23	0	0	0	0	2	0	1	11 / 0
EUWI	0	0	0	1	0	0	0	0	0	0	0	0 / 0
AMWI	18	30	3	119	0	9	0	0	0	0	10	9 / 8
CANV	131	0	12	6	0	22	0	52	2	0	0	471 / 29
REDH	4	2	0	8	0	0	0	0	0	0	0	1 / 0
RNDU	4	0	13	166	0	0	0	143	49	0	22	36 / 0
GRSC	273	1046	21	35	0	360	0	18	0	0	41	1612 / 174
LESC	3	0	2	22	2	0	0	46	0	0	0	121 / 0
sc. sp.	75	0	0	0	0	0	0	0	0	0	0	0 / 0
COEI	3774	9	38	2624	0	5568	210	0	0	0	0	3 / 3
KIEI	0	0	0	0	0	1	0	0	0	0	0	0 / 0
HADU	7	0	0	0	0	0	0	0	0	0	0	44 / 0
OLDS	32479	90	66	48	1	197	0	0	0	0	0	3 / 4
BLSC	34	1	87	42	0	1	0	0	0	0	0	54 / 6
SUSC	10	67	9	105	0	6	0	0	0	0	0	6 / 41
WWSC	43	32	254	297	3	624	4	0	0	0	0	54 / 110
COGO	133	298	386	363	105	485	0	64	6	0	52	657 / 208
BAGO	0	0	0	1	0	1	0	0	0	0	0	2 / 0
BUFF	379	307	252	206	9	848	3	30	0	0	3	363 / 119
HOME	63	2	21	30	105	62	0	17	0	0	38	55 / 0
COME	8	0	56	250	331	44	15	3	152	8	89	82 / 37
RBME	7535	182	240	417	0	823	635	19	0	0	2	747 / 552
RUDU	0	0	4	0	0	97	0	0	0	0	0	200 / 0
TUVU	0	10	0	0	0	0	0	0	0	0	0	0 / 4
OSPR	0	0	0	0	0	0	0	0	0	0	0	0 / 0
BAEA	0	0	3	0	16	0	0	0	0	0	0	0 / 0

* Figures shown in Newport County, RI/Westport, MA CBC column are broken down by state: RI / MA.

91st CHRISTMAS BIRD COUNT, 12/15/90-1/2/91

species	And.	Athol	B. B. C. Ann	C. Cod	Conc.	Gr. Bos.	Marsh.	M. V.	Mid C.	Millis	
Northern Harrier	0	0	4	8	25	0	3	21	7	13	1
Sharp-shinned Hawk	2	2	3	6	9	14	2	6	2	2	0
Cooper's Hawk	0	0	0	1	0	2	0	2	0	0	1
Northern Goshawk	0	1	0	0	0	3	0	0	0	0	0
accipiter species	0	0	0	0	1	0	0	0	0	0	0
Red-shouldered Hawk	0	0	0	0	1	0	0	1	0	0	1
Red-tailed Hawk	18	7	2	18	12	110	50	20	9	2	49
Rough-legged Hawk	0	0	0	2	0	1	1	3	0	0	0
American Kestrel	1	0	5	3	9	11	12	10	1	1	10
Merlin	1	0	0	0	1	0	1	0	0	1	1
Peregrine Falcon	0	0	0	0	0	0	2	0	1	0	0
Gyrfalcon	0	0	0	0	0	0	0	0	0	0	0
falcon species	0	0	0	0	1	0	0	0	0	0	0
Ring-necked Pheasant	6	2	5	7	1	17	30	0	4	1	11
Ruffed Grouse	4	4	0	2	0	16	0	2	0	2	13
Wild Turkey	0	67	0	0	0	0	0	0	0	0	0
Northern Bobwhite	0	0	37	0	20	2	0	0	5	44	0
Virginia Rail	0	0	1	0	4	0	0	6	2	3	0
Common Moorhen	0	0	0	0	0	0	0	0	0	0	0
American Coot	0	0	0	1	7	0	9	0	0	3	2
Black-bellied Plover	0	0	4	1	9	0	7	5	0	0	0
Killdeer	0	0	7	0	6	0	2	0	0	1	0
Greater Yellowlegs	0	0	1	0	1	0	1	0	0	4	0
Ruddy Turnstone	0	0	0	0	0	0	5	1	0	0	0
Red Knot	0	0	0	0	0	0	0	9	0	1	0
Sanderling	0	0	0	2	27	0	9	64	259	139	0
Purple Sandpiper	0	0	0	15	0	0	15	79	12	0	0
Dunlin	0	0	0	37	241	0	24	553	22	36	0
Common Snipe	0	0	2	0	5	1	1	0	0	4	0
American Woodcock	0	0	0	0	1	0	1	0	1	2	1
Laughing Gull	0	0	0	0	0	0	1	0	0	1	0
Little Gull	0	0	0	0	0	0	0	0	0	0	0
Common Bla.-hea. Gull	0	0	0	2	0	0	12	0	0	0	0
Bonaparte's Gull	0	0	93	242	108	0	1002	232	40	31	0
Mew Gull	0	0	0	0	0	0	1	0	0	0	0
Ring-billed Gull	792	0	183	224	801	214	3586	571	55	395	288
Herring Gull	485	837	1555	11651	8339	2311	11082	5863	3349	5339	1610
Iceland Gull	0	1	1	3	3	0	1	0	0	0	0
Lesser Bla.-bac. Gull	0	0	1	1	0	0	0	0	0	0	0
Glaucous Gull	0	1	0	1	0	0	0	0	1	0	0
Great Bla.-bac. Gull	148	106	230	3411	2218	366	925	999	613	932	186
Black-legged Kittiwake	0	0	1	8	965	0	0	0	0	0	0
gull species	150	0	0	0	0	0	0	0	0	0	0
Dovekie	0	0	0	0	2	0	0	0	0	0	0
Razorbill	0	0	0	0	1078	0	0	14	3	0	0
Black Guillemot	0	0	0	6	2	0	0	0	0	0	0
Rock Dove	830	765	232	1046	42	1096	3318	281	40	617	525
Mourning Dove	300	437	287	294	344	1517	255	117	453	262	664
Barn Owl	0	0	0	0	0	0	0	0	3	0	0
Eastern Screech-Owl	0	0	7	3	0	39	15	6	2	7	35
Great Horned Owl	1	5	0	4	12	14	3	1	0	9	32

91st CHRISTMAS BIRD COUNT, 12/15/90-1/2/91

species	Nant.	N. B.	Newbpt.	Ply.	Quab.	Quin.	Stell.	Tau-Mb.	Uxbr.	Wstm.	Worc.	Nwp.RI
NOHA	9	3	24	5	0	0	3	4	1	0	0	7 / 1
SSHA	3	1	8	6	4	1	2	0	4	0	2	5 / 0
COHA	1	0	2	1	0	0	0	1	1	0	0	1 / 0
NOGO	0	0	4	0	1	0	0	0	0	0	0	0 / 0
ac. sp.	0	0	0	0	0	0	0	0	0	0	0	0 / 0
RSHA	0	0	0	0	0	0	0	0	0	0	0	0 / 0
RTHA	6	5	46	15	10	16	0	14	25	8	29	17 / 1
RLHA	0	0	6	0	0	0	0	1	0	0	0	0 / 0
AMKE	2	5	18	5	0	2	0	3	2	0	2	14 / 2
MERL	1	0	0	0	0	1	0	0	0	1	0	1 / 0
PEFA	0	1	1	0	0	0	0	0	0	0	0	0 / 0
GYRF	0	0	1	0	0	0	0	0	0	0	0	0 / 0
fa. sp.	0	0	0	0	0	0	0	0	0	0	0	0 / 0
RNPH	31	0	27	2	2	2	3	0	4	2	4	4 / 0
RUGR	0	0	4	3	4	0	0	2	13	6	5	0 / 0
WITU	0	0	18	0	1	0	0	0	0	1	49	0 / 0
NOBO	1	0	0	9	0	0	0	0	0	0	0	0 / 0
VIRA	6	0	3	0	0	0	0	0	0	0	0	3 / 0
COMO	3	0	0	0	0	0	0	0	0	0	0	0 / 0
AMCO	9	5	0	258	0	4	0	0	0	0	0	29 / 4
BBPL	3	0	9	0	0	1	0	0	0	0	0	0 / 0
KILL	3	0	1	2	0	1	0	3	6	0	0	0 / 0
GRYE	1	4	1	0	0	0	0	0	0	0	0	0 / 0
RUTU	124	12	0	0	0	3	0	0	0	0	0	10 / 0
REKN	0	0	0	0	0	0	0	0	0	0	0	0 / 0
SAND	306	0	26	0	0	1	8	0	0	0	0	125 / 24
PUSA	0	3	76	0	0	14	0	0	0	0	0	119 / 2
DUNL	0	0	158	0	0	40	0	0	0	0	0	0 / 42
COSN	2	0	1	1	0	0	0	1	0	0	2	11 / 0
AMWO	0	0	2	0	0	0	1	0	0	1	0	1 / 0
LAGU	0	0	0	0	0	0	0	0	0	0	0	0 / 0
LIGU	0	0	0	1	0	0	0	0	0	0	0	0 / 0
CBHG	1	0	0	0	0	1	1	0	0	0	0	0 / 0
BOGU	350	50	183	20	0	802	15	0	0	0	0	71 / 92
MEGU	0	0	0	0	0	0	0	0	0	0	0	0 / 0
RBGU	7	655	499	524	34	1774	48	392	21	14	546	704 / 415
HEGU	11301	1153	5642	2349	280	7217	2180	1399	354	968	1997	2210 / 417
ICGU	33	0	1	0	0	1	6	0	0	0	0	0 / 0
LBBG	0	0	0	0	0	0	0	0	0	0	0	0 / 0
GLGU	4	0	0	0	0	0	1	0	0	0	1	0 / 0
GBBG	1721	345	1324	556	47	698	1830	100	56	307	531	930 / 25
BLKI	8	0	3	1	0	0	5	0	0	0	0	0 / 0
gull sp.	0	0	0	0	0	0	0	0	4	0	0	0 / 0
DOVE	0	0	0	0	0	0	1	0	0	0	0	3 / 0
RAZO	157	0	0	2	0	1	0	0	0	0	0	7 / 0
BLGU	0	0	0	0	0	0	0	0	0	0	0	0 / 0
RODO	62	377	937	361	5	483	225	414	705	387	390	1058 / 6
MODO	421	246	929	147	185	102	13	640	751	262	376	837 / 53
BROW	2	0	0	0	0	0	0	0	0	0	0	0 / 0
EASO	0	3	7	3	2	10	0	1	45	0	7	3 / 1
GHOW	0	2	8	4	6	6	1	0	18	2	5	3 / 0

* Figures shown in Newport County, RI/Westport, MA CBC column are broken down by state: RI / MA.

91st CHRISTMAS BIRD COUNT, 12/15/90-1/2/91

species	And.	Athol	B. B. C.	Ann	C. Cod	Conc.	Gr. Bos.	Marsh.	M. V.	Mid C.	Millis
Snowy Owl	0	0	0	0	0	0	2	1	0	0	0
Barred Owl	0	5	0	0	0	0	0	0	0	0	0
Long-eared Owl	0	0	1	0	0	0	0	0	0	0	0
Short-eared Owl	0	0	2	0	4	0	3	0	1	0	0
Northern Saw-whet Owl	0	4	0	0	1	0	0	0	1	0	1
Belted Kingfisher	1	1	23	6	15	10	9	8	14	24	14
Red-hea. Woodpecker	0	0	0	0	0	0	0	0	1	0	0
Red-bel. Woodpecker	1	0	0	0	2	4	1	0	7	0	0
Yellow-bel. Sapsucker	0	0	0	0	0	0	0	0	0	0	0
Downy Woodpecker	74	71	36	51	31	399	124	41	21	40	169
Hairy Woodpecker	13	39	2	2	5	98	11	3	3	3	30
Black-bac. Woodpecker	0	0	0	0	0	0	0	0	0	0	0
Northern Flicker	3	0	46	12	75	11	19	22	55	36	7
Pileated Woodpecker	0	2	0	4	0	7	0	0	0	0	0
Eastern Phoebe	0	0	0	0	1	1	0	0	0	0	0
Horned Lark	0	0	8	72	42	36	46	4	0	20	0
Blue Jay	244	1535	392	222	181	914	275	85	111	173	958
American Crow	372	407	582	572	349	2286	1140	442	864	513	1750
Fish Crow	0	0	1	0	0	394	1	0	0	0	66
Common Raven	0	0	0	0	0	0	0	0	0	0	0
Black-cap. Chickadee	369	1434	1048	816	968	3651	914	585	528	737	1399
Tufted Titmouse	149	145	203	126	47	1017	171	107	0	100	604
Red-br. Nuthatch	76	106	4	4	4	301	59	2	18	10	82
White-br. Nuthatch	85	135	41	60	31	521	97	34	95	25	254
Brown Creeper	5	22	13	3	4	54	22	3	2	3	24
Carolina Wren	0	1	128	8	58	7	4	11	83	78	12
House Wren	0	0	1	0	0	0	0	0	0	1	0
Winter Wren	0	0	6	3	4	5	3	0	0	4	1
Marsh Wren	0	0	1	0	1	1	4	1	3	13	1
Golden-cr. Kinglet	1	16	174	24	157	37	52	60	52	120	53
Ruby-crowned Kinglet	0	0	8	0	1	0	2	0	3	0	0
Eastern Bluebird	0	0	0	0	0	0	0	0	7	0	25
Hermit Thrush	0	0	10	1	7	0	1	1	5	5	0
American Robin	14	2	415	46	436	10	111	102	144	167	20
Gray Catbird	1	0	4	1	6	0	2	0	15	7	0
Northern Mockingbird	51	23	109	93	58	285	189	52	31	69	129
Brown Thrasher	0	0	1	0	0	0	0	0	1	2	0
American Pipit	0	0	0	0	0	1	0	0	0	0	0
Bohemian Waxwing	0	0	0	0	0	0	0	0	0	0	0
Cedar Waxwing	51	496	75	0	64	349	194	28	47	231	328
Northern Shrike	0	3	0	3	1	7	1	1	0	0	3
European Starling	1439	1112	697	6916	6753	5178	166900	3621	928	1829	6827
Orange-cro. Warbler	0	0	0	0	0	0	0	0	0	0	0
Nashville Warbler	0	0	0	0	0	0	0	0	0	0	0
Yellow-rumped Warbler	0	1	71	11	308	0	6	49	441	55	0
Pine Warbler	0	0	0	0	0	0	0	0	0	1	1
Palm Warbler	0	0	0	0	1	0	1	0	0	0	0
Common Yellowthroat	0	0	1	1	0	0	1	0	3	2	0
Wilson's Warbler	0	0	0	0	0	0	0	0	0	0	0
Yellow-breasted Chat	0	0	0	1	1	0	1	0	0	1	0
Northern Cardinal	66	51	243	119	230	393	189	42	81	195	183

91st CHRISTMAS BIRD COUNT, 12/15/90-1/2/91

species	Nant.	N. B.	Newbpt.	Ply.	Quab.	Quin.	Stell.	Tau-Mb.	Uxbr.	Wstm.	Worc.	Nwp.RI*
SNOW	0	0	2	1	0	0	0	0	0	0	0	0/0
BAOW	0	0	3	0	6	1	0	1	1	0	1	0/0
LEOW	1	0	0	0	0	0	0	0	0	0	0	0/0
SEOW	3	0	4	1	0	1	0	0	2	1	1	0/0
NSWO	2	0	0	0	15	1	0	0	0	0	0	0/0
BEKI	1	5	9	10	4	5	1	5	9	4	8	3/0
RHOW	0	0	0	0	0	1	0	0	0	0	0	0/0
RBWO	2	1	1	0	0	0	0	0	2	0	0	1/0
YBSA	1	0	0	0	0	0	0	0	0	0	0	0/0
DOWO	6	26	127	62	65	25	3	39	102	55	105	24/2
HAWO	0	2	13	5	18	1	0	6	21	16	14	2/0
BBWO	0	0	0	0	0	0	0	0	1	0	0	0/0
NOFL	99	13	10	18	1	15	4	17	11	0	0	42/3
PIWO	0	0	0	0	20	0	0	0	0	0	5	0/0
EAPH	0	0	0	0	1	0	0	0	0	0	0	1/0
HOLA	14	8	423	0	28	0	5	0	29	0	21	32/56
BLJA	40	219	376	537	557	99	4	286	1130	415	492	119/117
AMCR	392	118	1124	230	103	554	14	378	420	228	555	280/68
FICR	0	0	0	0	0	0	0	0	0	0	0	0/0
CORA	0	0	0	0	15	0	0	0	0	2	0	0/0
BCCH	301	176	1762	613	1099	242	111	527	1173	938	808	241/75
TUTI	0	109	315	202	158	62	1	245	415	101	212	39/10
RBNU	32	2	94	13	218	6	0	6	81	34	115	0/0
WBNU	7	33	158	93	113	33	2	63	168	89	141	18/5
BRCR	4	0	27	16	33	6	0	27	17	15	21	4/0
CAWR	2	27	2	36	2	2	2	46	13	0	5	79/13
HOWR	0	1	0	0	0	0	0	0	0	0	0	0/0
WIWR	1	0	1	3	1	0	0	1	0	0	0	1/0
MAWR	8	0	0	2	0	0	0	0	0	0	0	5/0
GCKI	88	27	109	102	68	22	11	126	45	6	20	36/8
RCKI	6	0	2	0	0	0	2	0	1	0	1	0/0
EABL	4	0	0	1	7	0	0	13	29	0	0	0/0
HETH	3	0	0	6	0	1	0	0	0	0	0	3/0
AMRO	187	398	48	157	6	47	17	35	42	11	2	191/53
GRCA	18	1	0	4	0	1	0	0	0	0	0	18/3
NOMO	22	45	93	79	39	45	5	67	75	18	59	81/10
BRTH	1	0	0	0	0	0	0	0	0	0	0	1/0
AMPI	0	0	0	0	0	0	0	0	0	0	0	1/0
BOWA	0	0	0	0	0	0	0	0	0	1	0	0/0
CEWA	53	78	240	63	110	29	8	77	104	115	8	28/179
NOSH	3	0	4	1	5	1	1	0	0	2	2	0/0
STAR	3668	2376	13666	1520	380	40400	72	3475	2805	1049	1757	6063/746
OCWA	4	0	0	0	0	0	0	0	0	0	0	0/0
NAWA	0	0	1	0	0	0	0	0	0	0	0	0/0
YRWA	2340	16	32	167	0	19	122	53	3	0	0	259/76
PIWA	2	0	0	0	1	0	0	0	0	0	0	0/0
PAWA	1	0	0	0	0	0	1	0	1	0	0	2/0
COYE	1	0	0	0	0	0	0	0	0	0	0	0/0
WIWA	1	0	0	0	0	0	0	0	0	0	0	0/0
YBCH	0	0	0	1	0	0	0	0	0	0	0	1/0
NOCA	84	94	113	142	37	30	10	99	207	30	114	124/13

* Figures shown in Newport County, RI/Westport, MA CBC column are broken down by state: RI / MA.

91st CHRISTMAS BIRD COUNT, 12/15/90-1/2/91

species	And.	Athol	B. B.	C. Ann	C. Cod	Conc.	Gr. Bos.	Marsh.	M. V.	Mid C.	Millis
Dickcissel	0	0	0	0	0	1	0	0	0	0	0
Rufous-sided Towhee	0	0	15	0	2	2	1	1	18	4	0
Amer. Tree Sparrow	69	219	43	154	7	746	293	65	21	22	281
Chipping Sparrow	0	0	1	0	0	1	2	0	0	3	1
Clay-colored Sparrow	0	0	1	0	1	0	0	0	0	0	0
Field Sparrow	2	0	26	2	10	20	14	4	21	12	18
Vesper Sparrow	0	0	0	0	0	0	0	0	0	0	0
Savannah Sparrow	1	0	31	3	5	11	6	1	15	19	0
"Ipswich" Sparrow	0	0	0	1	1	0	1	1	0	1	0
Sharp-tailed Sparrow	0	0	0	0	1	0	0	0	0	2	0
Fox Sparrow	2	0	1	0	2	0	2	1	0	2	1
Song Sparrow	34	17	273	118	195	200	449	117	131	235	135
Swamp Sparrow	0	0	11	7	28	20	5	14	17	37	9
White-thr. Sparrow	16	10	226	56	57	206	179	27	73	142	42
White-cr. Sparrow	0	1	1	0	0	0	0	0	0	0	0
Dark-eyed Junco	253	313	155	173	24	1123	696	108	18	48	902
Lapland Longspur	0	0	0	0	0	0	0	0	0	0	0
Snow Bunting	0	0	4	67	0	16	125	5	0	0	0
Red-winged Blackbird	7	1	1	0	7	73	63	44	3	6	43
Eastern Meadowlark	0	0	4	2	4	0	13	12	63	9	0
Rusty Blackbird	0	0	0	0	0	11	0	1	0	0	0
Common Grackle	0	0	0	5	3	27	2	2	14	1	22
Brown-headed Cowbird	0	0	6	0	0	9	30	1	3	0	6
Northern Oriole	0	0	0	0	0	0	1	0	0	0	0
Pine Grosbeak	0	0	0	0	0	12	0	0	0	0	0
Purple Finch	17	5	1	0	0	52	1	1	0	0	18
House Finch	146	379	428	278	615	974	338	234	99	258	422
Red Crossbill	0	0	0	0	0	0	0	0	0	0	0
Pine Siskin	9	1	2	2	0	1	3	0	0	0	6
American Goldfinch	199	196	179	242	169	850	293	95	96	154	424
Evening Grosbeak	27	748	3	0	0	13	0	0	22	4	12
House Sparrow	449	835	716	1230	279	1740	1522	414	278	815	650
number of species	55	56	108	95	117	82	119	98	101	108	76
total birds	9013	10679	19349	34082	95166	34498	208372	29368	14459	21285	23130
	And.	Athol	B. B.	C. Ann	C. Cod	Conc.	Gr. Bos.	Marsh.	M. V.	Mid C.	Millis

And. =	Andover CBC	December 29, 1990
Athol =	Athol CBC	December 15, 1990
B. B. =	Buzzards Bay CBC	December 15, 1990
C. Ann =	Cape Ann CBC	December 16, 1990
C. Cod =	Cape Cod CBC	December 16, 1990
Conc. =	Concord CBC	December 30, 1990
Gr. Bos. =	Greater Boston CBC	December 16, 1990
Marsh. =	Marshfield CBC	December 30, 1990
M. V. =	Martha's Vineyard CBC	December 30, 1990
Mid C. =	Mid Cape Cod CBC	December 22, 1990
Millis =	Millis CBC	December 15, 1990

91st CHRISTMAS BIRD COUNT, 12/15/90-1/2/91

species	Nant.	N. B.	Newbpt.	Ply.	Quab.	Quin.	Stell.	Tau-Mb.	Uxbr.	Wstm.	Worc.	Nwp.RI*
DICK	0	0	2	0	0	0	0	0	0	0	0	0 / 0
RSTO	2	6	0	3	0	0	0	1	2	0	0	3 / 5
ATSP	0	18	363	76	444	121	6	283	431	66	234	87 / 4
CHSP	0	0	0	1	0	0	0	0	0	0	0	0 / 0
CCSP	0	0	0	0	0	0	0	0	0	0	0	0 / 0
FISP	0	9	4	20	1	21	0	93	41	0	4	20 / 8
VESP	0	0	0	0	0	0	0	0	0	0	0	1 / 0
SASP	26	4	7	3	0	4	0	1	8	0	0	79 / 2
"IPSP"	0	0	0	2	0	0	0	0	0	0	0	0 / 0
STSP	0	0	1	0	0	0	0	0	0	0	0	0 / 0
FOSP	1	1	0	1	0	0	0	0	0	0	0	0 / 2
SOSP	336	62	107	234	43	118	6	111	180	8	81	320 / 16
SWSP	17	10	4	42	3	15	2	22	11	0	3	97 / 1
WTSP	56	51	25	89	7	16	0	31	77	27	15	293 / 54
WCSP	0	0	0	0	0	0	0	0	0	0	0	15 / 2
DEJU	44	162	268	344	261	187	11	389	1242	185	367	172 / 7
LALO	0	0	50	0	0	0	0	0	8	0	0	0 / 0
SNBU	0	0	24	8	2	0	22	0	0	1	0	0 / 0
RWBL	1	1	1	0	0	0	0	0	17	0	2	420 / 0
EAME	3	0	8	0	0	0	10	43	0	0	0	43 / 1
RUBL	0	0	0	0	0	0	0	0	1	0	0	0 / 0
COGR	3	2	2	0	0	0	0	12	2	0	14	455 / 0
BHCO	3	35	0	0	0	75	0	4	26	0	28	149 / 3
NOOR	0	0	0	0	0	0	0	0	0	0	0	1 / 0
PIGR	0	0	0	0	0	0	0	0	0	0	0	0 / 0
PUFI	9	7	6	1	1	3	0	1	7	0	1	0 / 0
HOFI	226	218	501	161	169	115	21	137	224	79	295	362 / 30
RECR	0	4	0	0	5	0	0	0	0	2	0	0 / 0
PISI	0	0	11	2	3	0	0	4	9	10	13	0 / 0
AMGO	72	121	476	125	35	130	18	137	265	115	202	28 / 18
EVGR	0	0	1	29	355	0	0	5	73	275	9	0 / 0
HOSP	153	167	1502	417	417	326	40	455	1058	492	577	354 / 45
# of species	113	80	109	104	69	92	58	69	73	47	70	110
total birds	68997	11404	41779	17801	6433	67889	5909	12633	13768	6939	13230	34124
	Nant.	N. B.	Newbpt.	Ply.	Quab.	Quin.	Stell.	Tau-Mb.	Uxbr.	Wstm.	Worc.	Nwp.RI

* Figures shown in Newport County, RI/Westport, MA CBC column are broken down by state: RI / MA.

Nant. =	Nantucket CBC	December 30, 1990
N. B. =	New Bedford CBC	December 30, 1990
Newbpt. =	Newburyport CBC	December 23, 1990
Ply. =	Plymouth CBC	December 27, 1990
Quab. =	Quabbin CBC	December 29, 1990
Quin. =	Quincy CBC	December 15, 1990
Stell. =	Stellwagen CBC	December 22, 1990
Tau-Mb. =	Taunton-Middleboro CBC	December 23, 1990
Uxbr. =	Uxbridge, MA/RI CBC	December 29, 1990
Wstm. =	Westminster CBC	December 22, 1990
Worc. =	Worcester CBC	December 15, 1990
Nwp. RI =	Newport County, RI/ Westport, MA CBC	December 15, 1990



What's a Cocha? More importantly, what's a Cocha Antshrike?

Cochas are small oxbow lakes near rivers in the Amazonian jungle of South America. The **Cocha Antshrike** is a bird that until a few months ago was known only from one specimen, a female, obtained years ago in eastern Ecuador. Late in 1990, the species was "rediscovered," and a male was seen for the first time. A few weeks ago the species was found at **La Selva (the jungle) Lodge** on the Napo River in eastern Ecuador. During our recent trip to Ecuador in February, most of our group either heard or saw the bird during our stay at La Selva.

But our best birding there was atop the new hundred-foot tower attached to a giant Ceiba tree. From there, incredible bird activity — in the treetops, exciting views of bright, colorful birds: **Macaws, Toucans, Trogons, Barbets** and an array of tanagers including the beautiful **Paradise Tanager** bathing in water in bromeliads. We were eye-to-eye with gems such as the **Spangled Cotinga** and the **Great Potoo** (although the eyes of the Potoo, during the day, were closed).

One of the many highlights, however, was below the tree and a few yards away: a mother **Long-tailed Potoo** seen at close range, sitting as still as could be, aside a tree stem, with its deep brown eyes, and its single young, with clear white eyes, nestled by her side. At night, birds heard, and some seen, in the jungle were: **Gray Potoo, Nocturnal Curassow, Tinamous, Trumpeters, and Owls: Black-banded, Crested, Spectacled, Mottled, Tawny-bellied Screech and Ferruginous Pygmy.**

In all, over **425** species of birds were seen or heard throughout the trip. There'll be another **Focus on Nature Tour to Ecuador July 19 – 31**, for \$1240 plus airfare. (July is prime time for the **Zigzag and Agami herons.**)

In addition to La Selva, other top birding spots in Ecuador will be visited with Juan Carlos Matheus, one of the best birding guides in the country.

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Also scheduled for **June 14 – 27**; great birding in **Venezuela**, \$1695 plus airfare.

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