

banded at Penn Yan Aug.; three Vine Valley 14 Aug. "Brewster's" hybrid: one Conn. Hill, Tomp. Co. 1 June; one Elmira 11 July; male paired with Blue-wing Ithaca. "Lawrence's" hybrid: male paired with a Blue-wing feeding a "Blue-wing" with Golden-wing traces Ithaca. Nashville: three singing Ithaca 13 June; male Bear Swamp near Niles and one at Moravia 19 Aug. No. Parula: one Elmira 29 June. Yellow: up to 40 Ithaca late July. Magnolia: four-five per day Conn. Hill; banded at Penn Yan Aug. Cape May: banded at Penn Yan Aug. Black-throated Blue: four singing males Conn. Hill; singing males at Moravia and Bear Swamp. Yellow-rumped: five singing males Conn. Hill 6 July. Black-throated Green: in Tomp. Co. a family at Ringwood and seven Conn. Hill 26 June; adult feeding young Moravia; present Bear Swamp near Niles. Cerulean: reported at two locations east of Phelps, Junius Ponds, Camp Barton on Cay. L. MNWR, Salmon Creek north of Ithaca, and Bear Swamp near Niles. Blackburnian: singing males Ithaca 9 and 11 June, and up to four on Conn. Hill; three Moravia 19 Aug. Chestnut-sided: one east of Phelps 14 June; max Conn. Hill 25 on 12 June; many singing males in Bear Swamp and two near Moravia; banded at Penn Yan Aug. Ovenbird: max 20 Conn. Hill 5 June. No. Waterthrush: in Tomp. Co. eight singing males at Ringwood, two at Sapsucker Woods and four plus an adult carrying food at N. Lansing. Louisiana Waterthrush: one Watkins Glen 25 June; singing male Moravia; pair feeding young in Bear Swamp near Niles. KENTUCKY: one Conn. Hill, Tomp. Co. (DS & JW). Mourning: one Elmira 29 June; at five Tomp. Co. locations; many singing males Bear Swamp near Niles and a few near Moravia. Yellow-breasted Chat: singing male Conn. Hill 1 June and one north of Ithaca 6-21 June; one Waterloo 16 June and one Moravia 19 Aug. Hooded: singing male in Bear Swamp. Canada: max 14 Conn. Hill 26 June; banded Penn Yan Aug.

WEAVERS-SPARROWS: ORCHARD ORIOLE: nest with young Town of Varick, Sen. Co. (BH); nest Romulus (W. Warne); one Ithaca 8 July; female Elmira 17 July and 17 Aug. No. Oriole: nested in the same tree as the Orchard Oriole mentioned above in the Town of Varick; 21 banded 1 and 2 Aug. Penn Yan (ML). WESTERN TANAGER: a male and possibly a female spent the summer at Vine Valley, Yates Co. (R. DeVinney, R & S Gilmour). Efforts to verify the record on 14 Aug. failed to find the bird but the descriptions given by those who observed the bird were very good. Reportedly the bird was in the same area in 1979. Indigo Bunting: max 25 Conn. Hill 5 June; many at Phelps in late July. Purple Finch: max 26 Conn. Hill 12 June; nested Bear Swamp near Niles. Pine Siskin: last winter's birds lingered on with three at SK's feeder in Auburn 1 June; two on Conn. Hill 5 and 12 June; and one Ithaca 12 July. Red Crossbill: male Conn. Hill 6 July (DS). Grasshopper Sparrow: one Waterloo 16 June; one Elmira July; three to five singing in the Ithaca airport area and four on Conn. Hill; a male singing and an adult carrying food at Locke, Henslow's Sparrow: singles near Ithaca airport 3 and 10 July; max eight north of Ithaca 26 July and three singing there 10 Aug. Vesper Sparrow: more reports than in some time. Max 11 Orleans FWBBS. Dark-eyed Junco: 40 Conn. Hill half of them juvenals; three nests Guyanoga Valley, Yates Co.; singing male Bear Swamp. White-throated Sparrow: one singing Conn. Hill 10 July; singing male Bear Swamp.

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REGION 4 - SUSQUEHANNA

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The early part of June was rather cool, and not until late July and August was there any really hot weather to speak of. The whole season was rather dry with respect to total accumulation, although light rains were reasonably frequent.

While the Atlas project has resulted in several times more summer season data collection within the Region than in the past, the data submitted directly for use in this regional report dropped to a new low. There can be little doubt that a cause and effect relationship did exist, but on the plus side, many observers that were never heard from before have been active in the Atlas project. It is to be hoped that at least some of these new observers can be recruited to continue submitting reports after the Atlas project is completed, or even send reports of their observations to the regional editor as well as to the regional Atlas coordinator in the remaining years of the project.

In the meantime, regional Atlas coordinator Jay Lehman has made available summary totals including 83 of the Atlas blocks covered this year. For many species in this report these summary totals are reported in the form "17 CO, 20 PR, 22 PO," to be read 17 confirmed, 20 probable and 22 possible. The number in each case refers to the number of Atlas blocks where evidence for that level of breeding evidence was found and not for the number of individuals of that species found.

Results from only four of the thirteen Fish and Wildlife Breeding Bird Survey routes (BBS) completely or mostly within Region 4 were available at this writing. In addition the results from one locally prepared similar route was available and is treated below as fully equivalent. A second locally prepared route was abbreviated to twenty stops to become a Mini-Breeding Bird Survey route (MBBS) and therefore has not been used in overall totals, although it did produce valuable data. The totals for every species found on at least one of the five full length routes are reported below in the form (7, 3) to be read seven individuals on three routes.

The survey routes available were: Milford 6 June, Mary Dobinsky; Coventryville 7 June, Leslie Bemont (LB); New Ireland (local MBBS) 7 June, Mary Sheffield (MS); Castle Gardens (local) 20 June, Julian Shepherd; McDonough 27 June, Claude Howard; Corbettsville, date not presently available, Jay Lehman (JL).

Rarities: A Gray Partridge, Cerulean Warbler, Kentucky Warbler and an Orchard Oriole are all Atlas records and any observational details are filed with that project. This the third consecutive year in which Kentucky Warblers have been reported, but the locale was different this year.

Other contributors: Lynn Bissell; Stella Carol Blake; Nancy Brundage; Lynn Clark; Mildred Clark (MC); Anna & Marilyn Davis (A, MD); David Diamond (DD); John Dillon (JD); Polly & Earl Getkin; Shirley Hartman; Diane Heath (DH); George Kehr (GK); Margaret Layton; Barbara Mai (BM); Janice Mangan; Leona McDowell (LM); Ron Milliken (RM); Peter Petokas (PP); James Riley; Robert Sheffield (RS); Howard Sweet (HS); Elizabeth Washburn (EW); Irene Waters; Cora Wellman; Kathryn Wilson (KW).

LOONS-DUCKS: Pied-billed Grebe: one CO, two PO; no other reports, and rarely reported during the summer season in the Region. Great Blue Heron: (7, 5); two CO, one PR, 26 PO. Green Heron: (1, 1) Milford BBS; four CO, three PR, 12 PO. Am. Bittern: one PO; no other reports. Canada Goose: one CO; one PR. Mallard: (10, 1) Milford BBS; 16 CO, four PR, seven PO. Black Duck: two CO, two PR, one PO; three 15 Aug. Portlandville and one 30 Aug. Binghamton, the only reports. Blue-winged Teal: one CO, one PR, one PO; the only reports. Wood Duck: eight CO, three PR, three PO. Hooded Merganser: one CO, one PO; no other reports. Com. Merganser: one PO; no other reports.

HAWKS-ALCIDS: Turkey Vulture: three PR, ten PO; one to five "occasionally all summer" (MC) at Delhi; also three at Oneonta 17 June. Goshawk: three PO; no other reports. Sharp-shinned Hawk: two PO; three other reports of four birds. Cooper's Hawk: two PO; one Delhi 17 July; no others. Red-tailed Hawk: (1, 1); 11 CO, 12 PR, 20 PO; well-distributed, reasonably frequent reports. Red-shouldered Hawk: (1, 1) Corbetsville BBS; one PR, three PO; no other reports. Broad-winged Hawk: two PR, seven PO; fledged young near Plymouth 9 Aug.; one Oneonta 26 Aug. "swooped down at our cat" (KW). Bald Eagle: one PR; an imm 12 July Upper Lisle (RS, MS). Marsh Hawk: two PR, two PO; no others. Osprey: one PR; one Portlandville-Milford 15 Aug.; one Upper Lisle 23 Aug.; one Oneonta 31 Aug. Am. Kestrel: (5, 3); 18 CO, eight PR, ten PO. Ruffed Grouse: (2, 2); 24 CO, one PR, 11 PO. **GRAY PARTRIDGE:** one CO; never before reported in the Region. Ring-necked Pheasant: one CO; seven PR, three PO; no other reports. Turkey: seven CO, six PR, ten PO; six Emmons near Oneonta 18 July; one Whitney Point 22 June; several reports around Delhi. Com. Gallinule: one PR (PP). Am. Coot: one CO. Killdeer: (17, 4); 16 CO; 13 PR, 12 PO. Am. Woodcock: (2, 1) Milford BBS; two CO, ten PR, four PO. Com. Snipe: two PR, one PO; no other reports. Upland Sandpiper: three Center Lisle, in n. Broome Co., 24 June (EW, RM, *et al.*), agitated and attempted to drive observers away—the same area where they had been reported a number of years ago. Spotted Sandpiper: (2, 2); two CO, four PR, seven PO. Solitary Sandpiper: 28 Aug. Oneonta Res. Ring-billed Gull: none all summer until 25 Aug. Binghamton.

PIGEONS-WOODPECKERS: Rock Dove: (80, 4); 11 CO, 11 PR, 22 PO; at Delhi "many more this year than I can remember" (MC). Mourning Dove: (54, 5); 13 CO, 26 PR, 22 PO; most common ever in the memory of several long-time observers. Yellow-billed Cuckoo: (1, 1) McDonough BBS; six PR, seven PO; only two other reports. Black-billed Cuckoo: (11, 3); five CO, ten PR, 11 PO; at least seven other reports. Barn Owl: one CO, nest with young in Cortland Co.; one PO, near Chenango Lake n.e. of Norwich. Screech Owl: (1, 1) Milford BBS; four CO, one PR, seven PO; two other reports. Great Horned Owl: eight CO, six PR, ten PO. Barred Owl: one PR, two PO; one New Ireland MBBS. Long-eared Owl: one CO, one PR. Com. Nighthawk: (1, 1) Castle Gardens BBS; two CO, two PR, three PO. Chimney Swift: (17, 2); three CO, eight PR, ten PO; common over Binghamton all period. Ruby-throated Hummingbird: three CO, 16 PR, 13 PO. Belted Kingfisher: (2, 2); eight CO, nine PR, 15 PO. Com. Flicker: (15, 4); 20 CO, 24 PR, 22 PO. Pileated Woodpecker: (1, 1) McDonough BBS; also one on New Ireland MBBS. Red-headed Woodpecker: two PR, seen 7 July and 17 July. Yellow-bellied Sapsucker: (1, 1) McDonough BBS; six CO, nine PR, 14 PO; five Oneonta-Portlandville 27 Aug. Hairy Woodpecker: (3, 2); 12 CO, 17 PR, 17 PO. Downy Woodpecker: (8, 3); 17 CO, 20 PR, 22 PO.

FLYCATCHERS-STARLINGS: E. Kingbird: (27, 5); 25 CO; 22 PR, 15 PO. Great Crested Flycatcher: (14, 5); one CO, 16 PR, nine PO. E. Phoebe: (19, 5); 21 CO, 12 PR, 17 PO. Alder Flycatcher: (6, 3); four PR, three PO. Willow Flycatcher: (1, 1) Coventryville BBS; four PR, three PO. Least Flycatcher: (30, 5); two CO, 14 PR, six PO. E. Wood Pewee: (19, 5); 22 PR, 12 PO. Horned Lark: two PR; 10 and 17 June Center Lisle. Tree Swallow: (34, 5); 38 CO, five PR, seven PO. Bank Swallow: (4, 2); two CO, one PR, one PO. Rough-winged Swallow: (3, 1) Coventryville BBS; eight CO, one PR, three PO. Barn Swallow: (63, 5); 36 CO, 13 PR, 12 PO. Cliff Swallow: five CO, one PO; 12 Portlandville-Milford 15 Aug.; six Portlandville-Milford 27 Aug. Purple Martin: (8, 2); five CO, one PR, two PO. Blue Jay: (56, 5); 23 CO, 12 PR, 30 PO. Com. Crow: (180, 5); 29 CO, 13 PR, 36 PO. Black-capped Chickadee: (36, 5); 26 CO, 25 PR, 18 PO. Tufted Titmouse: six PR, three PO. White-breasted Nuthatch: (2, 1) Coventryville BBS; seven CO, 16 PR, 28 PO. Red-breasted Nuthatch: two CO, four PR, eight PO. Brown Creeper: six PR, ten PO. House Wren: (48, 5), 23 on Castle Gardens BBS; 34 CO; 11 PR, 11 PO. Winter Wren: one PR, two PO. Carolina Wren: (1, 1) Castle Gardens BBS; two PR, Chenango Forks 23-28 June (A, MD); Norwich 26 July to 31 Aug. "singing and trilling one to three times a week" (JL). Short-billed Marsh Wren: one CO, Sherburne (DD). Mockingbird: (1, 1) Castle Gardens BBS; one CO, seven PR, five

PO; in one block just n. of Johnson City found in five different places; four at Binghamton 23 July, apparently a family group. Gray Catbird: (59, 5); 21 CO, 26 PR, 24 PO. Brown Thrasher: (12, 4); ten CO, 23 PR, 14 PO. Am. Robin: (231, 5); 63 CO, six PR, seven PO. Wood Thrush: (88, 5); four CO, 30 PR, 24 PO. Hermit Thrush: (4, 2); six PR, 13 PO; one Norwich 19 July. Veery: (51, 5); eight CO, 21 PR, 17 PO; one Portlandville-Oneonta 27 Aug., the only report after 19 July. E. Bluebird: 24 CO, five PR, five PO. Blue-gray Gnatcatcher: two PR. Golden-crowned Kinglet: one CO, one PR, four PO—at least three of the six reports from central Chenango Co. where they have been found previous summers. Cedar Waxwing: (39, 4); 13 CO, 22 PR, 27 PO. Starling: (277, 5); 35 CO, 11 PR, 17 PO—20 blocks (about 25%) where they were not seen at all?

VIREOS—WARBLERS: Yellow-throated Vireo: (6, 3); five CO, five PR, five PO. Solitary Vireo: (4, 1) Milford BBS; two PR, five PO; five other reports. Red-eyed Vireo: (52, 5) two CO, 30 PR, 13 PO. Warbling Vireo: (13, 4); four CO, 12 PR, six PO; still at Binghamton 25 Aug. Black-and-white Warbler: (13, 3); ten on Corbettsville BBS; two CO, nine PR, ten PO; three Portlandville-Oneonta 27 Aug. Worm-eating Warbler: one PR, one PO—Sherburne (DD) and Oxford (DH). Golden-winged Warbler: (2, 2); two PR, three PO; two other June reports. Blue-winged Warbler: (7, 4); two CO, five PR, three PO; five other reports, the last of two at Delhi 6 Aug. (LM). "Brewster's" Warbler: Norwich 18 June. "Lawrence's" Warbler: Norwich 18 June (JL). Nashville Warbler: (2, 2); two CO, three PR, three PO. No. Parula: (1, 1), McDonough BBS; one PO; same report?—no details. Yellow Warbler: (100, 5); 16 CO, 24 PR, 17 PO. Magnolia Warbler: (1, 1) Corbettsville BBS; three CO, five PR, three PO; eight Portlandville-Oneonta 27 Aug.; three Choconut Center 29 Aug. Cape May Warbler: eight Portlandville-Oneonta 27 Aug. Black-throated Blue Warbler: (3, 3); one CO, ten PR, seven PO; three other reports. Yellow-rumped Warbler: nine PR, nine PO; 12 and 14 July Chenango Forks (A, MD); six Portlandville-Oneonta 27 Aug. Black-throated Green Warbler: (4, 3); one CO, 11 PR, seven PO; 7 June Choconut Center; two Portlandville-Milford 13 June; eight Portlandville-Oneonta 27 Aug. **CERULEAN WARBLER:** one PR, Sherburne (DD), no previous summer reports in Region. Blackburnian Warbler: (3, 2); one CO, three PR, three PO; one Portlandville-Milford 15 Aug.; nine Portlandville-Oneonta 27 Aug. Chestnut-sided Warbler: (33, 5); five CO, 15 PR, 15 PO; 24 Portlandville-Milford 13 June; regular reports to 5 July; 12 Portlandville 1 Aug.; one Portlandville-Oneonta 27 Aug. Bay-breasted Warbler: six Portlandville-Oneonta 27 Aug. Pine Warbler: two PO. Prairie Warbler: (6, 2) Corbettsville and Castle Gardens BBS; one CO, eight PR, two PO; one at Choconut Center 28 June, 3 and 5 July; one Portlandville-Oneonta 27 Aug. Ovenbird (32, 5); eight CO, 25 PR, 12 PO. No. Waterthrush: (1, 1) Coventryville BBS; five PR, two PO; no other reports. Louisiana Waterthrush: (2, 2); also New Ireland MBBS; five PR, one PO; no others. **KENTUCKY WARBLER:** one PO; in Tioga Co. (BM). Mourning Warbler: (3, 3); three PR, five PO. Com. Yellowthroat: (163, 5); 27 CO, 25 PR, 15 PO. Yellow-breasted Chat: one PO, Masonville in Delaware Co. (GK). Hooded Warbler: one CO, one PR, two PO; at Norwich one 26 June, a pair 27 June and two singing 11 July (JL). Canada Warbler: (6, 3); two CO, six PR, five PO; three Portlandville-Oneonta 27 Aug. Am. Redstart: (21, 5); five CO, 13 PR, 17 PO; two Portlandville-Oneonta 27 Aug.; one male Binghamton 30 Aug.

WEAVERS—SPARROWS: House Sparrow: (96, 5); 34 CO, 13 PR, nine PO. Bobolink: (66, 5); 17 CO, 18 PR, 12 PO. E. Meadowlark: (28, 5); seven CO, 27 PR, 13 PO; 27 June Norwich two adults with three young. Red-winged Blackbird: (482, 5); 37 CO, 24 PR, 12 PO; "100's" 27 Aug. Portlandville-Oneonta. **ORCHARD ORIOLE:** one PR Cortland Co. (HS). No. Oriole: (41, 5); 30 CO, 27 PR, eight PO. Com. Grackle: (161, 5); 23 CO, 15 PR, 21 PO. Brown-headed Cowbird: (46, 4); 14 CO, 15 PR, 27 PO. Scarlet Tanager: (27, 5); eight CO, 27 PR, 20 PO. Cardinal: (27, 3), 18 on Castle Gardens BBS; 18 CO, 23 PR, 13 PO. Rose-breasted Grosbeak: (41, 5); ten CO, 27 PR, 21 PO. Indigo Bunting: (53, 5); six CO, 32 PR, 15 PO. Evening Grosbeak: three flying over Norwich 15 Aug.; two males reported at a feeder at Plymouth 15 Aug. Purple Finch: (6, 2); 12 CO, 16 PR, eight PO. House Finch: (32, 2) Castle Gardens (27) and Corbettsville BBS; 15 CO, 15 PR, five PO; at Chenango

Forks 17 June "took down the feeder. That's the last we saw of them" (A, MD). Pine Siskin: two PO. Am. Goldfinch: (55, 5); nine CO, 35 PR, 22 PO. Rufous-sided Towhee: (22, 4); seven CO, 24 PR, 14 PO. Savannah Sparrow: (21, 5); five CO, nine PR, five PO; 17 counted at Portlandville 1 Aug. Grasshopper Sparrow: (6, 3); one CO, two PR, two PO. Henslow's Sparrow: one New Ireland MBBS; one CO, one PR, one PO; found in five different places in central Broome Co. (MS). Vesper Sparrow: one 18 June a couple of miles south of Center Lisle (LB); the only report all period. Dark-eyed Junco: (3, 3); five CO, 12 PR, nine PO; five Portlandville-Milford 13 June. Chipping Sparrow: (93, 5); 36 CO, 16 PR, 12 PO. Field Sparrow: (53, 5); 19 CO, 20 PR, 11 PO. White-throated Sparrow: (22, 2) McDonough (16) and Milford BBS; one CO, 12 PR, 12 PO. Swamp Sparrow: (5, 2); one CO, ten PR, three PO. Song Sparrow: (198, 5); 33 CO, 20 PR, 16 PO.

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REGION 5 – ONEIDA LAKE BASIN

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The summer 1981 had exceptionally fine weather and at best average birding. At Syracuse, temperatures averaged slightly above normal for all three summer months, and the drought of the early year continued through August. Precipitation in Syracuse was 2½ inches below average for the summer and 7½ inches below average for the year at the end of August. It had become apparent that the early thaw and subsequent frosts would greatly reduce seed crops, especially of oaks, maples and early flowering cherries, apples and similar fruit bearing trees.

Involvement of your editor and the Regional Breeding Bird Atlas coordinator in hosting the annual meeting of the Federation precluded a summary of the Breeding Bird Atlas results as was possible last year. A preliminary survey of these data indicates continued progress, trends in the abundance of species similar to last summer, and few exceptional finds. More interesting birding areas continue to be uncovered as workers venture farther afield and into seldom worked blocks.

The nesting season, having little cool weather or rain to hinder it, appeared to be quite successful, especially for swallows and warblers. No species seemed to show the explosive reproductive effort that characterized the previous summer. Several observers commented on late (i.e., August) song by several species, notably Willow Flycatcher and Northern Oriole, though the significance of this is unknown.

As always, the fall migration was underway in July with the return of shorebirds and the passage of Yellow Warblers. Neither exceptional numbers nor much variety of shorebirds was seen, especially given the numerous muddy ponds created by the drought conditions. Tuscarora Lake, near Erieville, Madison County, was drained for dam repair and accounted for a number of locally unique records, such as Ruddy Turnstone, Baird's Sandpiper, dowitcher and Northern Phalarope. This phenomenon is well-known from other similar happenings. Most observers felt that juvenal shorebirds were late in arriving and few in