breeding record. Five Brewer's Blackbirds, four males and a female, at Coldwater June 2 (AM, RCo) were suspected of breeding. A total of 21 different & Orchard Orioles in various locales in Prince Edward (TS) were a very good number for that county. White-winged Crossbills in the south were noted at Lakefield June 18 (PB) and Ancaster July 2 (RC), while hundreds were noted in the Moosonee area June 22 (AW, WL). Single Pine Siskins included a record-late bird at Pelee June 10 (TH) and one at Ancaster July 2 (RC). An adult with two young at Kilbride June 1 (JCh) would furnish one of the province's most southerly breeding records.

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Appalachian Region

GEORGE A. HALL

It certainly was not a typical summer. There were no periods of extremely hot weather. June was slightly warmer than normal at Pittsburgh, but July was much cooler. Temperatures were near normal in eastern Tennessee. Both months were wetter than normal, but precipitation was not uniformly distributed. Pittsburgh had an excess of 4.5 inches for the period, but in northern West Virginia rainfall was much greater. Elkins, West Virginia, had a total of 12.03 inches in July. Some places have experienced three major flooding events this year(with a fourth to come in September with hurricane Fran)

With a few notable exceptions, woodland species were in good numbers at most places. At Powdermill Nature Reserve, Pennsylvania, bandings of 19 species were one or more Standard Deviations (S.D.) above the 10-year average, 13 were at the average, and only two (Carolina Wren and House Wren) were one S.D. below average (RCL, RM). On the other hand, some of the species of brushy area or open country

were in low numbers (Chipping Sparrow, Song Sparrow). The wet weather apparently did not have much effect on the breeding season, as most places reported high reproductive success for most species.

By the end of the season few warblers had begun to migrate, but the usual July southbound movement of shorebirds was minimal due to the high water levels at most places.

Abbreviations: Ch.N.F. (Chattahoochee N.F., GA); G.S.M.N.F. (Great Smoky Mountains N.P.); G.B.W.M.A. (Green Bottom W.M.A., Cabell Co., WV); P.I.S.P. (Presque Isle S.P., Erie Co, PA); P.N.R. (Powdermill Nature Reserve, Westmoreland Co., PA); R.C.B.L. (Robert C. Byrd Locks, Ohio R.,

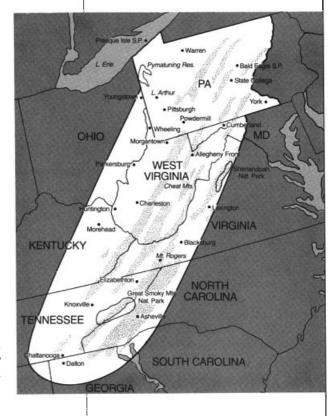
Mason Co., WV); Y.C.S.P. (Yellow Creek S.P., Indiana Co., PA).

Loons to Waterfowl

There were 4 records of straggling Com. Loons: L. Arthur, PA June 8 (JV), Y.C.S.P., PA June 11 (MH), Armstrong, PA July 1 (DV), and Sandstone Falls, Raleigh, WV July 22 (JP). Three juvenile Piedbilled Grebes at Waynesboro, VA June 4 would provide a first Augusta breeding record if raised locally (YL), and downy young grebes were seen at the Grand River W.A., Trumbull, OH July 28 (D&JH). There were summer records for Pied-bills from Wood, WV June 8 (JE), and all season at Chattanooga TN (KC), while one at Washington, TN July 24 was considered an early migrant (RK).

An Am. White Pelican was at Chickamauga Dam, TN July 5, having been present off and on since April (BC). Doublecrested Cormorants were reported on the Ohio R. at Pomeroy, OH June 7 (RC), at Sand Cr., Wood, WV July 15-16 (JE), and were present on Meander Res., OH, all season (NB).

The only report of Am. Bittern came from Conneaut Marsh, PA July 28 (RFL). A Least Bittern nest in Meigs, TN fledged five young, banded July 17. A 2nd nesting was suggested when two unbanded fledglings were seen there (KC). Other reports of Least Bitterns came from P.I.S.P., June 21 and July 17 (GR), and Akeley Swamp, Warren, PA June 9 & 13 and July 5 (DW,



MGr). A Great Blue Heron colony at Lordstown, OH, had 358 nests June 8 (CB), one in Trumbull, OH, had 20 nests June 6 (J&DH), and one in Adams, PA had 3 nests (KG).

Great Egrets were reported from throughout the Region and were in greater-than-normal numbers at a few places. Three imm. Little Blue Herons were seen in Whitfield, GA July 3 (HD), an adult in Hamilton, TN July 2 (PG), and an immature July 19 (KC); an immature produced the first records for both Lycoming and Clinton, PA, by flying across a stream July 30 (P&GS). The only report of Cattle Egret came from the Hiwassee R. Area, TN July 27 (TR).

Black-crowned Night-Herons were present throughout the season in Augusta, VA (YL), and Boone L., TN (RK), while sightings were also made at Pymatuning L., PA June 21 (DS) and Wood, WV July 17 (JE). The rarer Yellow-crowned Night-Heron was present all season at Elizabethton, TN (RK), attempted to nest in Marion, WV (SO, fide AW), and was seen at Conneaut Marsh, PA July 11 (RCL) and Swoope, VA July 30 (YL). An imm. White Ibis was reported from Hamilton, TN July 2-27 (KC).

A brood of Am. Black Duck chicks in Venango, PA July 17 represented the first county breeding record (JS). Wood Ducks had very successful breeding seasons at several places. The Hooded Merganser continues to increase as a summer bird in this Region. Breeding was confirmed at Pymatuning L., PA (RFL), Venango, PA (first county record; JS), and Indiana, PA (RH)., and one was seen in Hamilton, TN June 16 (KC). There were more-than-usual numbers of ducks summering in the Region: Gadwall at PI.S.P., June 15 (JM) and Augusta, VA June 4+ (YL); Green-winged Teal at Pymatuning L, PA July 14 (RFL); Blue-winged Teal at Pymatuning L., PA June 16 (RFL), and Akeley Swamp, Warren, PA July 5-7 (MGr); Canvasback at P.I.S.P. to June 15 (DP); Ring-necked Duck at Swoope, VA June 4 (YL); Com. Goldeneye at P.I.S.P., June 8 (JM); Com. Merganser at P.I.S.P., July 17 (GR); Red-breasted Merganser at P.I.S.P., June 15 (JM); and Ruddy Duck at Tucker, WV mid-June (BBCF) and Chalk Hill, PA, all season (AC).

Raptors to Terns

A Black Vulture in Meigs, OH June 6 (RC)was slightly out-of-range. Ospreys hatched young at L. Arthur, PA (FL), fledged three in Wood, WV (JE), and had one chick at Rayland, OH (MA). The first 2 locations were the sites of earlier hacking projects. Other summer sightings came from Pymatuning L., PA (RFL), and Pipestem, WV (JP). Besides the nestings reported in the spring account, Bald Eagles were sighted at P.I.S.P., June 10 (GR), Homer City, PA June 23-24 (MH), Wood, WV July 4 (ND), Churchill, VA through the season (YL), Skyline Drive, VA June 7 (fide JD), and Chattanooga, TN June 1 (KC). The N. Harrier continues its increase in population and distribution, with reports from Augusta, VA (first summer record; YL), Pendleton, WV June 19 (GB), Jefferson, OH (MA), Somerset, PA June 3 (RCL), Venango, PA July 27 (JS), Pymatuning L., PA July 22 (RCL), and Lander, PA July 27 (DW). Sharpshinned Hawks nesting in Hamilton, TN (KC) and apparent nesting in Augusta, VA (RS) represented first records for those regions, and July records from Ch.N.F. (HD) were s. of the usual range. In Warren, PA, 49 nest boxes were occupied by 37 pairs of Am. Kestrels, which fledged 103 young (DW).

A large number of Ruffed Grouse broods were noted in the Laurel Highlands, PA (RCL, RM). The N. Bobwhite shows some signs of recovering from its near extirpation in this Region. There were summer records for both Virginia Rails and Soras from Grand River W.M.A., OH (D&JH), Akeley Swamp, PA (DW), and Lawrence, PA (BD). The Sora apparently nested in Westmoreland, PA. (KB). For the 3rd year, Sandhill Cranes nested in Mercer, PA, where two flightless young were seen in June (SB). A Sandhill Crane was seen in Wood, WV July 15+ (A&BB).

Upland Sandpipers were present through the season in Venango, PA, Warren, PA (DW), Lawrence, PA (BD), and Westmoreland, PA (DSm, DL). There were a few straggling northbound shorebirds in early June. The most unusual record was the Baird's Sandpipers at Wood, WV June 7 (BM). The excessive rain had left a shortage of suitable habitat, but a few southbound shorebirds-mostly yellowlegs and "peeps"—appeared by mid-July. Short-billed Dowitchers were unusually widespread, being found at Pymatuning L., PA (RFL, RCL), Lawrence, PA (BD), and Wood, WV (JE). Long-billed Dowitchers were at Pymatuning L., PA (RCL). A Wilson's Phalarope was at Pymatuning L., July 5 (RFL, RCL).

An imm. Laughing Gull was seen at S. Holston L., TN July 4 (RK, WC, JSh), and a breeding-plumaged Bonaparte's Gull was at Venango, PA (JS). The 2 nests of Herring Gulls at Pittsburgh fledged young (PB), while one seen in Venango, PA June 4 provided the first June record for that county (JS). Caspian Terns at L. Canadohta, PA June 26 (DS) and at Y.C.S.P., July 2 (MH) were unusual. A Com. Tern was at S. Holston L., TN July 5 (RK) and Forster's Terns were reported from P.I.S.P., July 19 (JM) and Verona, VA July 21 (YL). Black Terns were at Hartstown Marsh, Crawford, PA July 5 (RCL) and at P.I.S.P., June 30-July 10 (GR, LM)

Cuckoos to Flycatchers

The high numbers of both cuckoo species reported in the spring continued through the summer at most places. Barn Owls nested successfully at Stuart's Draft, VA (YL) and Johnson City, TN (RK), with additional sightings at Jonesborough, TN (DHu) and Elizabethton, TN (TM). There were very few reports of nesting Com. Nighthawks. A Chuck-will's-widow was heard at Ch.N.F., June 6-8 (HD). No Whip-poor-wills were found in Shenandoah, VA (DD), and there were only 3 records of four birds in the 5 counties of the Pittsburgh area (PH). In the north, reports came from Tionesta, PA (DW), Allegheny N.F., PA (fide LC), and Venango, PA (JS).

Most reporters found Ruby-throated Hummingbirds to be in good numbers, and 46 banded at P.N.R. was 5 Standard Deviations (S.D.) above the 10-year average (RCL, RM). The reports of imm. Redheaded Woodpeckers from the Shenango Wildlife Area, Trumbull, OH (D&JH), and Homer City, PA (LCa), provided good news. Other reports came from Atlantic, PA (RCL), Highland, VA (NBr), and at least 4 sites in Washington, TN (RK). Once a fairly common summer bird in the north and at higher elevations, the Yellow-bellied Sapsucker has almost disappeared as a breeding bird. So the first confirmed nesting in Venango, PA (JS), and reports from Laurel Hill, Westmoreland, PA (CL), and Highland, VA. (NBr) were most encouraging.

An Olive-sided Flycatcher was at P.I.S.P., June 3 (DS). Most areas reported E. Wood-Pewees in low numbers. Acadian Flycatchers were more numerous than in recent years at P.N.R. (RM, RCL), and 44 were counted on a 10-mi hike in Shenandoah N.P., June 4 (MS). But at Morgantown, WV (SS, LS), and in n. Georgia (HD) they were in below-normal numbers. A Least Flycatcher at Imperial, Allegheny, PA June 14 was unusual for that area (PH). A Scissor-tailed Flycatcher was reported from Fairview, PA July 8 (JHo).

Swallows to Vireos

Nesting populations of Tree Swallows continue to increase in all counties in n.e. Tennessee (RK), but productivity was considered low at the P.N.R. region (RCL, RM). The Bank Swallow has been the scarcest swallow in the Region, so reports of >247 nests in a sand pit in Butler, PAthe first confirmed breeding record for the county (SB, GW, RCr)—and a colony with >500 nests observed at Gallipolis Ferry, WV (WA), were good news. Cliff Swallow numbers in e. Tennessee continue to increase, with numerous colonies in the Johnson City area (RK)) and thriving colonies at Chattanooga and Chickamauga Dam (KC). The colony at L. Arthur, PA, had 219 nests (GW), and several were seen on the Ohio R. in Meigs, OH, a new location (RC).

The Com. Ravens nesting in Bluestone Canyon, WV, raised one young (JP), and there were 3 records of ≤four ravens seen at low elevation in Greene, PA (RB). After the winter influx of Red-breasted Nuthatches, there were nestings at Slippery Rock, PA (GW), Allegheny, PA (EA), and other records through the summer at St. Marys and Allegheny N.F., PA (LC), and 3 records in n. Georgia (MO), all out of the normal range. Carolina Wrens have recovered somewhat in the Morgantown area (SS, LS), but are still low at P.N.R., where only one was banded (RM, RCL), and in Madison, VA (JD). House Wrens were notably scarce at Morgantown (GAH) and were in low numbers at P.N.R. (RCL, RM). Winter Wrens were doing well in the West Virginia mountains (GAH) and at P.N.R., where one was found at a fairly-low elevation (RM, RCL). Two pairs were in Ch.N.F. in June (fide MO). A Sedge Wren was heard at the Erie N.W.R., PA June 21 (RFL).

Golden-crowned Kinglets were found in Ch.N.F., June 15 (MO) and records at 2500 ft. in Madison, VA, in June may represent a new location (JD). Eastern Bluebirds were increasing in n. Georgia (HD), but reproductive success was poor at P.N.R., where numerous dead birds were found in the nest boxes (RM, RCL). Veeries seem to be increasing at the P.N.R. region (RCL, RM), and the >four singing & Hermit Thrushes on Roan Mt., TN (RK), indicate consolidation of this newly attained breeding site. While some places reported good numbers of Wood Thrushes, the majority of reports indicated continued decline.

Successful nestings of Loggerhead Shrike were reported from Franklin, PA (KG), Monroe, WV (JP), and Swoope, VA (YL), but several nestings in Adams, PA, were unsuccessful (KG), and there were only 2 reports from n.e. Tennessee, usually one of the strongholds (RK). Other sightings came from Pymatuning L., PA July

12 & 17 (RCL), one at high elevation on Paddy's Knob, VA June 15 (NBr), and Murray, GA July 31 (HD). White-eyed Vireos were below average in n.e. Tennessee (RK), in average numbers at P.N.R. (RCL, RM), and not mentioned elsewhere. Red-eyed Vireos drew similar mixed reports, with most areas having average numbers. On a 10-mi hike in Shenandoah N.P., 49 were counted (MS)

Warblers to Finches

Most of the breeding warblers appeared to be in good numbers at most places. Bandings of Chestnut-sided Warblers were 6 S.D. above the 10-year average at P.N.R. (RM, RCL), and they were well above average on several BBS routes. Yellow Warblers were also well above average, and Yellow-breasted Chats were in the best numbers in recent years, although still below populations of 20-30 years ago. Blue-winged Warblers continue to increase, and while Golden-wingeds seemed to be holding their own at some places, other places reported a continued decline. Two territorial ♂ "Brewster's" Warblers were found near Roan Mt., TN (FA), and other reports came from P.N.R., May 30 and June 8 (RM, RCL), one banded at Raleigh, WV (RCn), and Shenandoah, VA June 9 (DD), and a "Lawrence's" Warbler was seen at Irvine, PA July 14 (PY). There were ≥four singing ♂ Magnolia Warblers on Unaka Mt., TN, probably the southernmost summer station (RK). They have been here for >5 years, but breeding has not been documented. One was seen at P.N.R., June 19 (GR). Yellow-rumped Warblers at Y.C.S.P., July 23 (MH) and at 2500 ft. in Madison, VA June 7 (JD) may represent the continued expansion of this species southward. Yellow-throated Warblers continue to move northward. They were found all season in Venango, PA (JS), and were found at Sheffield, Warren, PA June 2 (MN). Cerulean Warblers may be on the critical list at other places, but it is doing fairly well in the s. Appalachian breeding grounds. In the Mt. Marshall, VA, area June 8, 48 Worm-eating Warblers were counted on a 15-mi hike (NBr, fide JD). By the end of July a few high-elevation species had appeared in the lowlands.

Rose-breasted Grosbeaks were in above-average numbers in its normal breeding range. Blue Grosbeaks seem to be increasing in n.e. Tennessee (RK) and are expanding northward, with reports from Allegheny (PH), Adams, and Franklin, PA (KG); G.B.W.M.A. (WA) and Petersburg, WV (JE fide, AW); and Rockingham, VA (MS). There was a major invasion of

Dickcissels. Reports came from 12 locations: Crawford (RFL), Westmoreland (MH), Allegheny (CT), and Cumberland, PA (KG); Grant (AW) and Mason, WV (WA, MG); Rockingham, VA (MS, JD), and Washington, TN (RK, WC). Nesting was confirmed at several of these places.

Chipping and Field sparrows were greatly below average on 4 BBS routes in n. West Virginia (GAH). A singing ♂ Clay-colored Sparrow was at Big Meadows, Madison, VA June 2 (JG), but not found later. The recently arrived Savannah Sparrow was located at 3 sites in Johnson, TN, and at 2 sites in Washington, TN (RK), and three birds exhibiting nesting behavior at R.C.B.L., June 1-29 (WA, MG) were out of the normal range in West Virginia. Grasshopper Sparrows were reported more widely and in better numbers than in recent years. Henslow's Sparrows were reported as nesting in Somerset, PA (RCL), Jefferson, OH (MA), Mahoning, OH (NB) and Garrett, MD (CS). A very late migrant (?) Whitethroated Sparrow was seen at P.I.S.P., June 2(JM). The two Dark-eyed Junco nests at about 1700 ft. at P.N.R. provided the first records for that location (RM), although they nest at higher elevations in the area.

An ad. Bobolink seen carrying food in *Augusta*, VA June 4 was at low elevation for nesting, but the field was mowed June 5 (YL). Orchard Orioles were reported to be in unusual numbers in w. Pennsylvania (PH).

Purple Finches nested at Chalk Hill, PA (AC). The only reports of Red Crossbills came from G.S.M.N.P., June 15 (RK) and Unaka Mt., TN June 21 (RK). They could not be found at the traditional locations in w. Virginia (NBr). Pine Siskins were found at Warren and Starbuck, PA in June (DW et al.), and were present all season at a feeder in St Marys, PA (LC). Two were at a feeder in Garrett, MD July 24 (CS), and >20 were on Roan Mt.,TN, all season (RK). Two Evening Grosbeaks were seen at Ridgeway, PA June 2 (FH).

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Western Great Lakes Region

DARYL D. TESSEN

It was a very quiet summer for both Wisconsin and Minnesota. For Wisconsin birders, this was almost a relief after the previous five months that produced an unbelievable flood of rarities. It gave them a chance to "recharge their batteries" for the fall migration.

Weather conditions were somewhat variable, but generally June and especially July were cooler than normal. The one exception was late June, when very hot (mid- to upper 90°s F.), humid weather settled into the Region for about a week. June rainfall was above normal, with unusual high amounts occurring in many areas. July rainfall was generally more normal, with a dry period settling in during the latter half of the month.

Due to the late spring, many birds extended their migration into June. This was especially true for an assortment of warblers, as evidenced by the numerous late sightings. Southern herons put on a fine show in both states, with especially good finds at Horicon National Wildlife Refuge, mainly along Highway 49. There was only one major rarity sighted, an adult Sharp-tailed Sandpiper, but due to the short observation period it will undoubtedly be considered as probable.

Unfortunately readers will find no Michigan sightings in this summer's summary, as no report was received for the state.

Loons to Ibises

The Red-throated Loon at Superior's Wisconsin Pt., June 9 was a late spring migrant (SR). Most unusual was a Pacific Loon present on Minnesota's L. Harriet, Hennepin, between July 2-22 (CM et al.). Out-ofrange Com. Loons included Milwaukee June 4 (MB) and Vernon June 14 (JD), both Wisconsin. There was an unusual number of Horned Grebe sightings in Minnesota. They included two July 6 at Thief Lake W.M.A. (JB,TS), five that included four adults and one immature July 7 at Duluth (AH), and 16 (!) at the Roseau River W.M.A., July 7 (PS). There was no confirmed nesting. One was found in Wisconsin's Door July 30 at Bailey's Harbor (JR). Two Eared Grebes that appeared during May on Wisconsin's L. Maria, Green Lake, lingered well into June (JFet al.). American White Pelicans appeared at many Wisconsin sites. Numbers generally ranged between 15-50. However, on Green Bay (Brown and Oconto) >150 spent the summer, with the 2nd state nesting occurring on the s. end of the Bay. There were 50 nests with about 30 young fledged (TE).

