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SUMMER SEASON 1988

1 June to 31 July

Roy Pilcher, Seasonal Editor

The summer of 1988 occasioned the departure of Vermont's first recorded GARGANEY, an adult male, and the welcoming of 2 OSPREY fledglings, the progeny of 2 separate and successful nestings. Other notable state records included the identification and taping of a KENTUCKY WARBLER in West Brattleboro and a CLAY-COLORED SPARROW in Woodstock, the latter a third state record. The only two reports of LONG-EARED OWLS, a Vermont species of special concern, one in Montpelier and the other in Williamstown, were most probably and tragically nothing more than obituaries. CAROLINA WRENS were successful breeders in South Burlington while SEDGE WRENS were possible breeders in West Rutland and South Londonderry, as were WILSON'S WARBLERS in Lewis. ORCHARD ORIOLES were successful breeders in Brandon and in Westminster, a welcome proliferation.

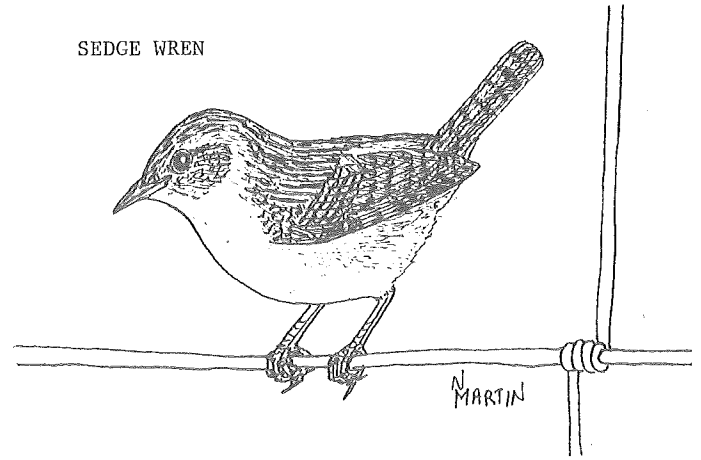
The report that follows is the distillation of 28 Seasonal Checklists including one from Missisquoi National Wildlife Refuge (hereafter MNWR) with its particular emphasis on waterfowl numbers and production, 17 U.S. Fish and Wildlife Service Breeding Bird Survey routes (hereafter BBS), 7 Vermont Bird Conference field trips (hereafter VBC) radiating out of Lyndonville on 6/12 and also numerous individual sighting records. The BBS, their observers and dates are noted at the end of the report. In order to give the reader an idea of the number of reports submitted in a particular species, 5 key words are introduced into the narrative: namely minimal, 1-5 reports; modest, 6-15 reports; moderate, 16-25 reports; considerable, 26-35 and extensive, 36 or more reports.

Summer is pre-eminently and critically the breeding season for the majority of the birds that we see in Vermont during these two months. Being so reminded, it has been this editor's bias to emphasize the breeding aspect and to suggest that future summer observers may wish to linger a little longer and look a little harder for breeding behavior during this season and to forward their observations.

The correlation between weather, avian activity and observer persistence is worthy of a dissertation. As JNF noted, "the heat kept the birds concealed, I think, or else I was too uncomfortable to observe them!". This necessitates a mention of the summer's weather. For the record, June 1988 was among the 10 driest months of June on a statewide basis in Vermont since records began in 1895. Drought conditions intensified during the first half of July, but welcome relief in the form of heavy rain, arrived during the second half. While temperatures in June were on average below normal, July temperatures remained almost consistently and certainly oppressively above normal.

LOONS THROUGH HERONS. Vermont's endangered Common Loon population experienced a slight downturn in productivity during 1988. Fieldwork documented loons on 38 of the 91 lakes surveyed which included 16 prs. believed to be territorial. Nesting was confirmed on 11 Vt. lakes, with 12 prs. hatching 11 chicks, 9 of which survived through August, (down from 11 chicks in

SEDGE WREN



1987 and 13 in 1986). The statewide census on 7/16 recorded 59 loons, (69 in 1987 and 72 in 1986). The Greensboro BBS recorded 1 individual and 1 VBC reported a loon. Reports of Pied-billed Grebes, a Vt. species of special concern, were modest and included breeding at MNWR of 2 prs with 6 yg. along with an "estimated peak population", (hereafter epp.) of 20 during June (JBG). Other reports included 2 throughout J/J on Lake Mamphremagog's (hereafter L. Mem.) South Bay (PFW,SAW), 1 on 7/30 at Marshfield (MEM), and 1 VBC report from South Bay. L. Champlain and immediate environs was almost the exclusive domain of a moderate number of reports of Double-crested Cormorants. Breeding was confirmed on Young I. with at least 244 nests and a minimum of 500 ad. birds in attendance on 5/24 (CCR,MSL). Reports included 150 at Shelburne Bay on 6/4 (ECC) and 72 on 6/9 (WAM), at least 100 on Gull I. and Young I. on 7/12 (CJE), 20 at Pantou on 7/24 (MBN), 2 and then 5 at Shelburne Pd. on 7/5 and 7/31 (MCD,JLD,ECC). Reports away from L. Champlain were 3 at Herrick's Cove (hereafter HC) on 6/7 (AMD), 1 at Berlin Pd. on 6/14, noted as "a little unusual" (DEK), and 1 at Bellows Falls on 7/30 (TEJ). A modest number of reports of American Bitterns included a breeding population of 10 at MNWR and an epp. of 25 during June (JBG). The South Wallingford BBS recorded a single individual and there were also 2 VBC reports. The Least Bittern, another Vt. species of special concern, was also modestly reported. A breeding population of 2 with an epp. of 10 during J/J at MNWR was recorded (JBG), also 1 at Colchester Pt. on 6/10 (WAM), 1 at Schoolhouse Marsh, West Haven 6/27 (WGE), 1 at Dead Creek Wildlife Management Area (hereafter DCWMA) on 6/27 (MCD,JLD), 1 at Allen Brothers' Marsh, Westminster (hereafter ABM) on 7/6 (WJN), 1 at Billings Marsh, West Haven 7/12 (WGE), 1 at East Creek on 7/13 (ELW), 1 at South Slang on 7/28 (MCD,JLD), and 1 at the Burlington Intervale Cattail Marsh during the summer (LT,JP). Extensive reports of Great Blue Herons, with nesting records from 4 localities, included an estimated breeding population of 476 at MNWR with a production of 890 yg. during J/J (JBG), also 3 active nests at Middlebury on 6/2 (EJM) and 13 active nests at Benson with 29 birds on 7/6 (ELW). Other reports of at least 10 individuals included 10 at Shelburne Bay on 6/4 (ECC), 12 at Champlain Is. on 6/12 (WAM), 16 at DCWMA on 6/27 (MCD,JLD), 13 at Spring-weather on 7/10 (WHW), 17 at South Slang on 7/22 (MCD,

JID) and 16 at Ferrisburg on 7/28 (WDB). Three BBS recorded 3 individuals, also 2 VBC reports. Reports of Great Egret were minimal and included 3 at Retreat Meadows (hereafter RM) on 7/20 (JJC) and 1 north of L. St. Catherine on 7/31 (BLR). One ad. Snowy Egret was present in a nest tree during May and June on Young I. but breeding this season was not documented (CCR). Cattle Egrets were minimally reported with breeding confirmed on Young I. on 5/24 with 7 or 8 nests and at least 15 ads. (CCR), also 1 at Blodgett's Beach on 7/2 (WAM). Reports of Green-backed Herons were moderate with breeding confirmed at MNWR accounting for 8 of an epp. of 20 during June (JBG) and a nest in West Haven containing yg. on 6/14 (NLM,WGE), also 3 at Colchester Pt. on 6/15 (WAM), 2 each at Bristol Pd. (JRA) and Dorset (EFG) and 3 at HC (AMD), all on 7/28. Two BBS recorded 2 individuals. Black-crowned Night-Heron reports were modest, all but two from the Champlain Valley. Breeding was confirmed on Young I. with 20 active nests during J/J (CCR), also at DCWMA 2 on 6/3 (MBN), 4 on 6/4 (WAM), 3 on 6/18 (RWP) and 2 on 7/5 (MBN), from Shelburne Pd. 3 on 7/5 (MCD,JID) and at MNWR an epp. of 30 during June, at HC 1 imm. on 7/18 (AMD) and at L. Morey 1 on 7/27 (LG). Black-crowned Night-Herons are considered a serious cause of Common Tern egg and chick mortality.

WATERFOWL. A solitary Snow Goose was reported at Mallets Bay on 6/12 (TR). Reports of Canada Geese were moderate with 3 breeding confirmations noted, of 11 goslings with 6 ads. at East Creek on 6/2 (MBN), 6 yg. with 1 ad. at South Slang on 6/20 (MCD,JID) and a brood of 3 at Gale Meadows (hereafter GM) (HGB fide WJN). Other significant reports included 200 plus at Grand Isle on 6/3 (DJH), 25 at Thurman W. Dix Reservoir (hereafter TWDR) on 6/3 (MFM), 55 at Colchester Point on 6/5 (WAM), 31 at Springweather on 6/7 (AMD), 50 flying north on 6/14 in West Haven (WGE,NLM), 50 on L. Champlain at Shoreham on 6/16 (ELW), 5 at MNWR on 6/28 with an epp. of 10 (JBG) and a high in Brandon of 28 (SSW). Wood Duck were also moderately reported with 7 breeding confirmations that included 1 f. and 7 yg. at MNWR on 6/2 (JBG), 1 f. with 5 yg. at Allen's Marsh, Westminster, on 6/12 (AMD), approximately 20 with yg. at Mud Creek Waterfowl Management Area (hereafter MCWMA) on 6/12 (WAM), 2 f. with 10 yg. at South Slang on 6/20 (MCD,JID), a brood of 5 at West Rutland Marsh (hereafter WRM) on 7/25 and at GM (HGB fide WJN), a lone duckling on 6/30 in West Haven (WGE), a group of 12 including juvs. at Berlin Pond on 6/21 (ATA) and at MNWR an epp. of 1025 on 6/22 and 900 on 7/22 including 77 breeding pr. with an estimated production of 1044 (JBG). Also 37 at East Creek on 6/15 with no indication of yg. (RWS). Reports of Green-winged Teal were minimal with no confirmed breeding reports, and included epps. of 25 and 50 on 6/25 and 7/31 (JBG). Reports of American Black Ducks were moderate and included breeding confirmation of 3 prs. at View Pd., Woodstock, with 11, 9 and 5 yg. on 6/3 (JMN), a pr. with 9 yg. at Berlin Pd. on 6/21 (ATA), an ad. with 4 yg. at Hardwick on 6/26 (ATA), 1 f. with 3 yg. at Lefferts Pd. on 7/3 (RWP), 1 f. with 4 yg. at Lyford Pd. on 7/14 (JAM) and at MNWR an epp. of 200 and 175 on 6/24 and 7/12 with 55 breeding prs. and a production of only 58 (JBG) also a breeding pr. at Lincoln (JRA). Other reports included 3 at McCuen Slang on 6/2 (JMN), 6 at HC on 7/2 (TEJ), 4 at South Slang on 7/28 (MCD,JID), 4 at Reading (FMH,GEH) and 3 at Sudbury (SSW) on 7/30. Two BBS recorded 5 individuals, also 1 VBC report. Mallards were extensively reported with numerous breeding records including 1 f. with 10 yg. at MNWR on 6/2 (JBG), the hatching of 12 eggs on Rock I. on 6/2 (CCR), 1 f. with 8 to 10 eggs at Grand Isle on 6/6 (EMH), 1 f. with 6 to 8 yg. at L. Dumore on 6/8 (JRA), 1 f. with 5 eggs at MNWR on 6/9 (JBG), 1 f. with 5 yg. at TWDR on 6/14 (ATA), the

hatching of 9 eggs on Rock I. on 6/14 (CCR), 2 f. with 4 and 3 yg. at Springweather on 6/19 (WHW), 4 ad. with 8 yg. at MNWR on 6/29 (ECC), the hatching of 8 eggs on Rock I. on 7/10 (CCR), 1 f. with 10 yg. during J/J at Barnard (JNF), 10 yg. at L. Carmi (PJM), 2 prs. with 18 yg. at View Pd. (JMN), 8 yg. at GM (HGB fide WJN), an epp. of 550 on 6/24 and 6550 on 7/12 with an estimated breeding population to 60 pr. and production of 298 at MNWR (JBG). Non-breeding reports includes 18 at Delta Park on 6/11 (DAR), 21 at HC on 6/4 (AMD), 12 at Colchester on 7/4 (WDB), 20 at DCWMA on 7/5 (MBN), 18 at Lewis Creek on 7/6 (MCD,JID), 15 at L. Dumore on 7/16 (SSW) 21 at DCWMA on 7/17 (WAM) 10 at DCWMA on 7/24 (MBN) and 10 at South Slang on 7/28 (MCD,JID). Two BBS recorded 5 individuals, also 1 VBC report. Northern Pintail were not reported. A modest number of Blue-winged Teal reports were all confined to the Champlain Valley and included breeding confirmation of 6 ad. with 8 yg. at McCuen Slang on 6/2 (JMN,EFG), 1 f. with 8 yg. at DCWMA on 6/20 (MCD,JLD) and an estimated 15 breeding prs. with a production of 16 yg. at MNWR (JBG). Also at East Creek a total of 13 between 6/6 and 6/24 (SSW,ELW,TEJ), at DCWMA a total of 10 on 6/2 and 6/4 (JMN,EFG,WAM) at Colchester Pt. 2 on 6/5 (WAM) and at MNWR epps. of 100 and 200 on 6/22 and 7/12. The East Creek GARGANEY drake was seen on 3 more days during June before departing the area: on 6/2 (JMN,EFG,MBN), on 6/4 (WAM), and on 6/5, still in the company of a f. Blue-winged Teal (SSW). By 6/18 there was no bird to be seen (TEJ). A single Northern Shoveler was reported at DCWMA on 6/20 (MCD,JID). Gadwall reports were modest in number, most of which recorded either possible breeding or confirmed breeding and included 1 f. with 8 downy yg. at Young I. on 6/15 (RBL), a pr. off West Shore Road, Grand Isle on 6/18, 6/21, 6/28 and 7/2 (DJH), 1 f. with 2 yg on 7/4 and 7/6 also off West Shore Road, 2 molting ad. and 3 downy yg. north of Young I. on 7/31, 1 ad. and 5 nearly grown yg. south of Young I., also 1 ad. with 5 downy yg. off Nichols Pt. on 8/12 (DJH), and epps. of 10 on 6/30 and 7/12 at MNWR with no evidence of breeding (JBG). A single American Wigeon report of 1 f. and 3 m. at McCuen Slang on 6/2 is a possible breeding record (JMN,EFG). Ring-necked Duck reports were minimal with an epp. of 10 on 6/30 and 7/31 at MNWR (JBG) and 1 f. on L. Carmi on 7/31 (PJM). A single f. Lesser Scaup off Grand Isle on 7/31 was the only report (DJH). Another single report was of 2 Black Scoters off Delta Park on 6/11 (DAR). A modest number of Common Goldeneye reports included breeding confirmation at MNWR with 1 f. and 7 yg. on 6/8 and 1 f. and 12 yg. on 6/9, also epps. of 200 and 150 on 6/22 and 7/12 that included 24 breeding pr. and an estimated production of 252 (JBG), also 1 f. with 6 yg. at Shelburne Bay on 7/17 (VDC), 6 at MNWR on 6/2 (ECC). Hooded Merganser reports were modest and were mainly of fs. with yg. and included 1 f. with 14 yg. at East Creek on 6/6 (SSW), also at East Creek 1 ad. with 9 yg. on 6/18 (TEJ) and 1 f. with 6 yg. on 6/24 (MCD,JID), at South Slang 1 f. with 6 yg. on 6/20 (MCD,JID), at Ewell Pd., Peacham 1 f. with 8 yg. on 6/28 (CCR), at Springweather 1 f. with 4 yg. on 7/27 (AMD) and at MNWR an epp. of 10 on 6/22 and 7/12 with a breeding population of 8 pr. producing an estimated 16 yg. Common Merganser reports were also modest in number and again involved fs. with yg. and included 1 f. with 16 yg. at East Creek on 6/2 (JMN,EFG), a brood of 9 on a small brook in Winhall on 6/6 (WJN), 1 f. with 8 yg. on the West River in South Londonderry on 7/4 (WJN) and 1 f. with 20 yg. (probably two family groups) at the same locality (WJN); 1 lone drake in eclipse plumage in Hartland (RO). Two VBC reports.

VULTURES, HAWKS AND FALCONS. Turkey Vultures were extensively reported but no breeding activity was recorded for the immediate period; of interest is a re-

port of 2 ads. and 3 imms. at Highgate on 8/14 (CCF). Reports of at least 6 included 6 at Fair Haven on 6/2 (JMN,EFG), 10 at Bristol on 6/25 (JRA), 6 at Shoreham on 6/25 and 7/1 (ELW), 8 at Rockingham on 6/26 (AMD), 39 at Pond Mt. on 7/11 where Peregrine Falcons were observed chasing them (CNV) and 16 at Bellows Falls on 7/30 (TEJ). Two BBS recorded 10 individuals with a high of 9 on the Hinesburg route, also 1 VBC report. The endangered Osprey historically nested in Vt.. In 1986 and 1987 a pr. attempted to nest in the Champlain Valley with no success, 1988 is therefore an historical year with two pr., each fledging one yg. (CCR,FW, JID,MCD). Other reports included 1 at L. Mem. on 6/1 (ECC), 1 at Lincoln on 6/1 (JRA), 1 on the White River at Sharon during the first week of June (JTF), 1 at Benson on 6/2 (JMN,EFG), 1 at Springweather on 6/5 (WHW), 1 at Somerset Reservoir on 6/13 (DEK), 1 at the mouth of East Creek on 6/15 (ELW), 2 at MNWR during June (JBG), 1 at Half Moon Pd. "dropping something near a swimmer" on 7/23 (SSW), 2 at Shelburne Pd. on 7/31 and 1 during mid-July at Kettle Pd., Danville (RH). One VBC report. The federally designated endangered Bald Eagle, also an historical nester in Vt., was modestly reported, with no breeding activity, however. Five reports from HC (AMD,WJN), where "2 hung around the cove all summer," recorded a maximum of 3 imms. on 6/20 (AMD), also 1 ad. at Grafton on 6/4 (RWO), 1 at Green River Res. on 6/23 (RW), 1 mature bird at Somerset Reservoir on 6/28 (WDR), 1 over L. Champlain in Orwell on 7/13 (ELW), a tagged imm. on L. Iroquois on 7/12-22 (BL) and another yellow wing-tagged individual at Bridport (RC). Reports of Northern Harriers, a Vt. species of special concern, were modest with breeding confirmed at MNWR, and also included 2 at DCWMA on 6/2 (JMN,EFG) also on 6/18 (RWP), 6/27 (JID,MCD) and 7/5 (MBN), 2 at Shoreham on 6/21 (ELW), a f. in West Haven on 7/2 & 7/9 (WGE,NLM), and at MNWR with an epp. of 4 (JBG). One VBC report. Sharp-shinned Hawk reports were minimal with no breeding activity recorded. Reports included 2 at Shoreham on 6/1 and 6/24 (ELW), 1 in Benson on 7/2 (WGE,NLM), 1 in West Haven on 7/6 (WGE), and the Hinesburg BBS recorded a single individual. Reports of Cooper's Hawks, another Vt. species of special concern, were minimal and breeding was not confirmed this season. Reports included 1 at Shelburne on 6/28 (ECC) and 1 at Lincoln on 7/1 (JRA). Northern Goshawks were modestly reported with breeding confirmed in Washington between 6/3 and 6/26, nest observations indicated 3 or 4 yg. (ATA). Other reports included 2 at Reading on 6/7 (EMH,GEH), 1 at Bellows Falls on 7/1 (TEJ) and 1 at Marshfield on 7/3 (MFM). One VBC report. Red-shouldered Hawks were also modestly reported. Reports included 1 at Delta Park on 6/11 (DR), 1 displaying ad. at White Rocks on 6/23 (RWP), 3 at Grafton on 6/26 (AMD), 1 at Winhall on 7/3 and 7/4 (WJN) 1 at Ferrisburg on 7/27 (MCD,JID). The Northfield Falls BBS recorded a single individual. Numbers of Broad-winged Hawk records were moderate but no nests were reported. Reports included 3 at Putney on 6/2 (WAM), 2 at Sheffield on 6/4 (PFW,SAW), 2 at Brandon on 6/7 (SSW), a pr. at Lincoln on 6/24 (JRA), 2 at Stratton on 7/4 (TEJ), 4 at Reading on 7/18 (FMH,GEH) and 3 at Hardwick "soaring together" on 7/20 (ATA). Three BBS recorded 3 individuals, also 4 VBC reports. Also moderate in number, Red-tailed Hawk reports confirmed breeding in Grand Isle with 1 ad. and 1 imm. on 6/17 (EMH), 1 ad. and 1 imm. in Woodstock on 7/29 (JMN) and "breeding in our valley" in South Royalton during J/J (JTF). Other reports of at least 2 included 4 at DCWMA on 6/2 (JMN,EFG), 2 at Vergennes on 6/4 (SSW), 2 at Shoreham on 6/22 (ELW), 3 at Ferrisburg on 6/27 (MCD,JID), 6 at DCWMA on 7/17 (WAM) and 3 at Springweather on 7/25 (AMD). Two BBS recorded 4 individuals, also 1 VBC report. American Kestrel reports were considerable and breeding was confirmed in Milton

with a nest first observed on 6/11 until three yg. fledged on 7/13 (TAR) and a fl. seen in West Haven on 7/2 (WGE,NLM). Reports of 2 or more included 2 at Shoreham on 6/21 and 6/27 (ELW), 2 at Franklin on 7/3 (PJM), a pr. at Woodstock on 7/7 (JMN), 3 at Dead Creek on 7/24 (MBN), 5 at South Slang on 7/28 (MCD, JID), 2 at Underhill on 7/29 (WDB), a pr. at Bible Hill, Brownsville during J/J (BMH) and 3 at Leicester (SSW). Eight BBS recorded 8 individuals, also 6 VBC reports. With the apparent nesting attempt made at Mt. Horrid, this season's increase from 4 to 5 Peregrine Falcon prs. in Vt. shows continued promise for this endangered species' recovery. A total of 7 yg. were hatched with 5 raised to fledging. The confirmed sightings of an additional 5 individuals at least, on cliffs in Vt. during this field season continues to show that a strong floating population exists with the potential for population growth sustained. A modest number of reports apart from the 5 nesting localities included single birds at White Rocks on 6/5 and 6/23 (RWP), 1 at Marshfield on 6/14 (MFM), 1 at Whiting on 6/23 (MCD,JID), 1 at Pomfret on 7/10 (EDB) and 1 at Moretown on 7/23 (FAP). One VBC report was received.

GROUSE THROUGH COOT. Gray Partridge reports were minimal with no breeding activity recorded this season. The epp. at MNWR was 15 during June (JBG). Vt. Fish & Wildlife summer field workers surveying state endangered Spruce Grouse in Essex County banded 8 f., 5 m., and 5 chicks, with an additional 8 chicks seen; all were in the Yellow Bogs area. None were located in Moose Bog and most Spruce Grouse habitat near Ferdinand Bog was clearcut in the winter of 1987-88. Wild Turkey reports were minimal but breeding was confirmed with 1 ad. and 17 yg. at Woodstock (fide JMN), 5 hens with 20 poults were seen dust bathing in West Haven on 6/27 and turkey families were observed on 4 additional dates there until 7/17, usually involving several hens and mixed-aged yg. (WGE,NLM). A considerable number of Ruffed Grouse reports included 15 records of confirmed breeding with a clutch of 12 eggs hatching during the first two weeks of June at HC (AMD), a brood of 10 in Winhall on 6/8 (WJN), 2 f. and 8 yg. at Waterbury on 6/9 (WDB), 1 ad. and 7 yg. at Woodstock on 6/27 (JMN), 5 broods between 6/17 and 7/12 in West Haven (WGE), 1 ad. and 1 yg. at East Calais on 7/9 (RHN), 1 f. and 8 yg. at Lincoln on 7/9 (JRA), an ad. with yg. at Washington on 7/18 (ATA), and a f. with 3 yg. at Rockingham on 7/20 (AMD) also an epp. of 25 at MNWR (JBG) and 6 in Reading on 6/27 (FMH,GEH). Three BBS recorded 3 individuals, also 2 VBC reports, 1 with yg.. Virginia Rails were modestly reported with breeding confirmed at MNWR which had an epp. of 40 including a breeding population of 14 producing 15 yg.. Except for 5 at DCWMA on 7/28, the remaining reports were all of single birds. One VBC report from L. Mem.. Reports of Sora were minimal, breeding was confirmed at MNWR with an epp. of 75 and a breeding population of 30 producing 50 yg. (JBG), also 1 heard in the Burlington Intervale Cattail Marsh on 6/21 (EJM) and 1 from WRM on 7/25 (WJN). The South Wallingford BBS recorded a single individual and one VBC report from L. Mem.. A modest number of Common Moorhen reports were received, MNWR had an epp. of 50 and a breeding population of 24 during June (JBG). Other records were from a VBC trip to South Bay of L. Mem., DCWMA with 1 on 6/27 and 2 on 7/28 (JID,MCD), Orwell with 1 on 6/2 and 7/13 (MBN,ELW), Colchester Pt. with 2 on 7/3 (WAM), and Billings Marsh, West Haven with 1 on 7/12 (WGE). American Coot reports were modest with no record of breeding. Reports included an epp. at MNWR of 25 during J/J (JBG), also single birds at DCWMA on 6/2, 6/4, 6/6 (JMN,EFG,WAM,SSW). One VBC report from L. Mem..

SHOREBIRDS. An unseasonal Black-bellied Plover was

reported in company with Killdeer at Shoreham on 6/1 (ELW) while a single Semipalmated Plover was recorded at Blodgett's Beach on 7/31 (WAM). Killdeer reports were extensive and confirmed breeding with 1 ad. and 4 yg. at Marshfield on 6/15 (MFM), 2 downy yg. at West Haven on 7/6 (WGE), and an epp. of 35 that included a breeding population of 6 and a production of 20 during June at MNWR (JBG). Reports of at least 4 included 4 at Weybridge on 6/1 (JRA), 8 at Shoreham also on 6/1 (ELW), 4 at Delta Pk. on 6/11 (DR), 4 at West Windsor on 6/12 (FMH,GEH), 4 at Ferrisburg on 6/26 (JID,MCD), 5 at Colchester on 7/5 (WDB), 4 at Dorset on 7/9 (EFG), 5 at Springfield on 7/13 (WME) and 10 at Grand Isle in mid-July (EMH). Nine BBS recorded 55 individuals with a high of 12 on the Hinesburg route, also 6 VBC reports, 1 of downy yg. in Brighton on 6/12. Reports of Greater Yellowlegs were minimal, 1 an early migrant on 7/2 and a second on 7/31 both at Blodgett's Beach (WAM). Lesser Yellowlegs reports were also minimal and included an epp. at MNWR of 5 during June (JBG), 1 at Colchester Pt. on 7/24 (WAM), 1 at HC on 7/30 (AMD) and 5 at Blodgett's Beach on 7/31 (WAM). A modest number of Solitary Sandpiper reports included 1 in Rutland on 7/10 (WGE), 2 in West Haven on 7/11 and 1 on 7/14, 3 on 7/17, 1 on 7/22 (WGE), 1 at Branch Pk. on 7/16 (TEJ, JJC), 1 each at RM and Panton on 7/24 (TEJ,JJC,MBN), 1 at Bartonville on 7/28 (TEJ,JJC), 1 at Sudbury on 7/30 (SSW) and 1 at Orleans on 7/31 (PFW,SAW). Spotted Sandpiper reports were considerable and included breeding records of 2 nests with 4 eggs each in West Haven on 6/6 and 6/16, a downy yg. on 6/19 and an ad. with 3 fl. on 7/11 (WGE,NLM), a brood at South Londonderry on 6/18 (WJN), 4 nests on Hen I. and 1 on Gramma's I. all with 4 eggs (CCR) and an epp. of 40 with 8 breeding individuals and a production of 12 at MNWR during June (JBG). Reports of at least 4 included 6 at Shoreham on 6/29 (ELW), 4 at Ft. Cassin on 7/20 (MCD,JID), 12 at Panton on 7/24 (MBN) and 4 at Ferrisburg on 7/29 (WDB). Two BBS recorded 2 individuals, also 1 VBC report. A moderate number of reports of Upland Sandpipers, a Vt. threatened species, included at least 12 nesting reports due in part to the directed efforts of the Vt. Natural Heritage Program with birds reponding to tape recordings and being seen in appropriate habitat during the nesting season (WHB,CCF,AP,BA). The majority of reports were from Addison County and the counties to the north and south. Reports included 1 ad. with 4 yg. near Fuller Mt. Road on 6/21 (MCD,JID), 3 in South Burlington on 6/3 (WAM), 3 in hayfields beside Greenbush Road on 6/20 (MCD,JID), 12 in Shoreham, 10 of them near Cream Hill Road on 6/25 (ELW), 3 in Benson on 6/26 (EPA), and in West Glover where they are "regularly observed and heard" (RVC). One VBC report from Coventry. A single report of a migrating Ruddy Turnstone came from Colchester Pt. on 6/5 (WAM). Reports of Semipalmated Sandpipers were minimal and included 12 "probable" on 6/14 (MSL) and 1 on 6/15 (CCR) both at Gull Rock. Least Sandpiper reports were also minimal and included a single late spring migrant at Weybridge on 6/18 (MBN) and an early fall migrant at Burlington on 7/17 (WAM). The only White-rumped Sandpiper report was from East Creek on 6/18 (TEJ). Another single report was of 8 Short-billed Dowitchers, early fall migrants, on Rock I. on 7/15 (MSL). A moderate number of Common Snipe reports included breeding records from MNWR with an estimated peak breeding population of 160 during June (JBG) and 3 yg. at Shoreham on 6/11 (ELW). Eight BBS recorded 34 individuals with a high of 12 on the East Haven route, also 4 VBC reports. Reports of American Woodcock were modest and included breeding records of a fl. in West Haven on 6/17 (WGE,NLM), 1 ad. and 3 yg. on 6/26 and 3 fl. on 7/10 both at Woodstock (NER,JMN). Also 1 at Franklin observed doing extended "bobbing" behavior on 6/4 (PJM) and 5 at Reading on 6/22 (FMH,GEH).

GULLS AND TERNS. Reports of Bonaparte's Gulls were minimal and included 6 subadults on Gull Rock on 7/7 (CCR,MSL) and 1 at Colchester Pt. on 7/24. Ring-billed Gull reports were considerable and breeding was confirmed on Popasquash I. with 190 nests and on Rock I. with 109 nests, both on 6/1, in addition to the large colony on Young I. (CCR). Reports in excess of 60 birds away from colonies included 150 at Addison on 6/2 (JMN), 65+ at L. Dummore on 6/8 (JAR), 250 at Shoreham on 6/25 (ELW), 300 on L. Champlain on 7/13 (JRA), 300 at Panton on 7/24 (MBN), 225 at Newport on 7/27 (PFW,SAW), 85 on Moore Res. on 7/28 (PFW,SAW) and an epp. of 200 at MNWR during July (JBG). Three BBS recorded 118 individuals with a high of 82 on the Hinesburg route, also 5 VBC reports. A modest number of Great Black-backed Gull reports included 2 at MNWR on 6/2 (ECC), 5 at Colchester Pt. on 6/5 (WAM), 2 at Delta Pk. on 6/11 (DAR), 2 at the Champlain Is. on 6/12 (WAM), 3 at Colchester Pt. on 7/13 (WAM) and 6 on Moore Res. on 6/28 (PFW,SAW). The Common Tern, a Vt. endangered species, experienced a modest rebound in breeding success in 1988. Peak nest counts included 13 on Hen I., 24 on Popasquash I., 23 on Rock I., 14 on Gull Rock, and 2 on Gramma's I. from which only 52 eggs hatched and 15 chicks survived to fledging, an 88% increase over 1987 (CCR). The modest number of Black Tern reports included breeding records from MNWR with an epp. of 60 and breeding population of 28 during June (JBG) and from Ferrisburg 1 ad. and 2 yg. on 7/28 (WDB). Reports of at least 5 included 5 at Colchester Pt. on 7/3 (WAM) and 19 at DCWMA on 7/15 (MCD,JLD). A single bird at West Haven on 6/14 may indicate a nesting population on southern L. Champlain (WGE). One VBC report from L. Mem..

DOVES THROUGH NIGHTJARS. Reports of Rock Doves were extensive, reports of at least 20 included 40 at Barre City on 6/1 (JAM), 20 to 25 at Sheffield Center on 7/21 (PFW), 50 at Bridport on 7/31 (ELW), a seasonal high at Pittsford of 20 (SSW), and 30+ at Brownsville during J/J (BMH). Twelve BBS recorded 196 individuals with a high of 60 on the Gaysville route, also 5 VBC reports. Mourning Doves were also extensively reported with but a single remark that breeding occurred during J/J (JTF). Reports of at least 10 included 15 at South Reading on 6/19 (TEJ), an epp. of 35 at MNWR during June (JBG), 23 at Reading on 7/3 (FMH,GEH), 18 at Middlebury on 7/3 (JRA), 17 at Dorset on 7/4 (EFG) 10 at HC on 7/6 (WJN), 12 at Ferrisburg on 7/28 (WDB) and a high at Shoreham of 30 on 7/29 (ELW). Sixteen BBS recorded 201 individuals with a high of 28 on the South Wallingford route, also 6 VBC reports. An escaped Budgerigar was reported at Pittsford between 5/31 and 10/23, at which time it was captured and flown to Atlanta and released (IJR). A second escaped bird, a Black-hooded Parakeet was observed in Shrewsbury Center on 6/5 (MY). Reports of Black-billed Cuckoos were considerable and breeding was confirmed with a nest containing 2 yg. in West Haven on 7/2 (WGE,NLM). Reports of at least 2 included 2 on Knight I. on 6/15 (CCR), 2 and then 3 at Ferrisburg on 6/21 and 7/6 (MCD,JID), 2 at East Creek on 6/25 (TEJ), 2 at Plymouth on 6/26 (AR), a pair courtship feeding in West Haven on 6/28 (WGE), and 2 at Reading on 7/3 and 7/30 (FMH,GEH). Five BBS recorded 10 individuals with a high of 4 on the West Rutland route. Yellow-billed Cuckoos were modestly reported with breeding confirmation at West Haven in the form of 2 nests with eggs on 6/24 and 7/4 and 2 other nests under construction on 7/2 and 7/5 (WGE,NLM). A single bird was reported at Winhall on 7/13, 7/15 and 7/24 (WJN). Three BBS recorded 5 individuals with a high of 3 on the West Rutland route. Eastern Screech-Owl was not reported. Great Horned Owls were modestly reported and breeding was recorded at West Haven with 2 well-fledged yg. on 6/17 (WGE,NLM) and at MNWR with an epp. of 6 and a

production of 1 during June (JBG). Other reports included 2 at Dorset on 6/8 (EFG), 1 on Young I. on 6/24 (CCR), 1 at Ferrisburg on 7/5 (MCD,JID), 1 in Dorset on 7/22 (EFG) and 1 at Lincoln Gap on 7/26 (JRA). Barred Owls were also modestly reported. Reports of a least 2 included 2 in Ferrisburg on 6/21 (MCD,JID), 2 in Reading on 6/27 and 7/11 (FMH,GEH) and a pr. in Woodstock during J/J (JMN). Three BBS recorded 3 individuals. A Vt. species of special concern, the Long-eared Owl was minimally but tragically reported. Two nestlings blown out of a nest in Williamstown were discovered on 7/10 with an ad. in attendance but were subsequently probably predated (MC,RaO); one injured bird found in East Montpelier on 7/9 also died (LH). The Short-eared Owl, another Vt. species of special concern, was also minimally reported. The two reports were of single birds, both from Grand Isle, on 6/25 (EG) and 7/10 (DJH). The single report of a Northern Saw-whet Owl was of a calling bird in Ferrisburg on 7/21 (MCD,JID). Reports of Common Nighthawks were modest with 2 probable nesting prs. in Windsor where ads. and juvs. were observed (BWW). Other reports included 2 in Rutland on 6/28 (CJF) and 2 in Woodstock on 7/12 (WDB). The Whip-poor-will, a Vt. species of special concern, was reported only once, at Bloomfield on 6/18 (CJF).

SWIFTS THROUGH WOODPECKERS. Chimney Swifts were extensively reported, breeding records consisted of 6 nestlings brought in to the Vermont Raptor Center from Rutland and South Woodstock after severe storms on 7/18-19. Reports of at least 10 included 15 at Brandon on 6/1 (SSW), 30 at Winooski on 7/12 (WDB), 50+ at Lyndonville on 7/27 (PFW), 20-25 at St. Johnsbury on 7/28 (PFW), 10 at Bristol on 7/29 (JRA), 25 at Brandon on 7/30 (SSW) and 12 at Reading on 7/30 (FMH,GEH), and about 20 on any day in Woodstock during J/J (JMN). Nine BBS recorded 45 individuals with a high of 9 on the West Rutland route, also 5 VBC reports. Ruby-throated Hummingbirds were extensively reported and included a single nest nearing completion at L. Willoughby on 6/8 (CCR). Reports of at least 4 individuals included 4 at Marshfield on 7/22 (MFM), 2 pr. at Ferrisburg on 7/28 (MCD,JID), 5 at Shoreham on 7/29 (ELW), and 5 at Sheffield on 7/31 (PFW,SAW). Six BBS recorded 12 individuals with high of 4 on the Northfield Falls route, also 3 VBC reports. Belted Kingfishers were extensively reported but with no confirmed breeding records. Reports of at least 3 included 5 along Otter Creek on 7/3 (JRA), 3 at HC on 7/6 and 7/15 (WJN), 3 at Dorset on 7/9 (EFG), 3 at Lewis Creek on 7/15 (MCD,JID), 5 at Reading on 7/18 (FMH,GEH), 4 at Newport on 7/27 (PFW,SAW), and 4 at Ferrisburg on 7/28 (WDB). Nine BBS recorded 12 individuals with a high of 3 on the Hinesburg route, also 4 VBC reports. The Red-headed Woodpecker, a Vt. species of special concern, was minimally reported with no breeding record. Reports were of 2 single birds, 1 at Orwell on 6/28 (WHB) and the other at West Glover on 7/6 (VHD). Extensive reporting of Yellow-bellied Sapsuckers included breeding records with a pr. feeding yg. in Washington on 6/21 (ATA), 2 imm. in Stowe on 7/24 and 7/25 (ATA) and a breeding pr. in Woodstock (JMN). Reports with at least 3 included 10 in Reading on 7/3 (FMH,GEH), 6 in Goshen on 7/4 (SSW), 3 at Bristol Notch on 7/15 (JRA), 3 at Lincoln Gap on 7/26 (JRA), 3 at Hardwick on 7/26 (ATA), and 3 at Rip-ton on 7/29 (JRA). Thirteen BBS recorded 53 individuals with a high of 13 on the Northfield Falls route, also 5 VBC reports and 4 banded at BNP (VINS). Downy Woodpeckers were also extensively reported and breeding confirmed with nests with yg. in West Haven on 6/2 and 6/19 (WGE,NLM), 2 imm. in Stowe on 7/25 (ATA), a juv. in Hardwick on 7/26 (ATA), 2 breeding prs. in Woodstock (JMN) and "breeding in South Royal-ton" during J/J (JTF). Reports of a least 3 included

7 in Reading on 7/3 (FMH,GEH) 3 in Williston on 7/12 (WDB), 3 in Shoreham on 7/20 (ELW) and a high of 6 in Brandon (SSW). Fourteen BBS recorded 47 individuals with a high of 9 on the Shaftsbury and West Rutland routes, also 3 VBC reports and 6 banded at BNP (VINS). Hairy Woodpeckers were extensively reported too and breeding was recorded in Underhill with a f. feeding yg. at the nest on 6/7 (JB), in Washington a pr. with imm. on 6/16 (ATA), at Grand Isle with a juv. on 7/19 (EMH), in Woodstock 2 breeding pr. (JMN), and 4 in South Lincoln on 7/14 (JRA). Thirteen BBS recorded 31 individuals with a high of 6 on the Landgrove route, also 4 VBC reports and 1 banded at BNP (VINS). Black-backed Woodpeckers were minimally reported except for a field study that recorded 7 breeding pr., 1 in Bear Swamp, 1 in the Black River valley in Craftsbury, 2 in the Yellow Bogs and 3 in the Victory Basin, spanning the period 4/25 to 7/18 (GPL). A single bird was reported on 6/1 in Wenlock Wildlife Management Area (hereafter WWMA) (ECC). Extensive reports of Northern Flickers included breeding records from South Royalton during J/J (JTF) and Woodstock (JMN). Reports of at least 3 included 3 at Shoreham on 6/23 (ELW), 3 at Williston on 7/12 (WDB), 6 in Reading on 7/22 (FMH,GEH), 3 in Sheffield on 7/24 (PFW,SAW) and 3 at Lyford Pk. on 7/13 (JAM). Thirteen BBS recorded 32 individuals with highs of 5 on the Gaysville and Shaftsbury routes, also 6 VBC reports and 2 banded at BNP (VINS). Pileated Woodpeckers were reported extensively but with no nesting records submitted. Reports of at least three included 3 at Shelburne on 6/9 (WAM), 3 in Washington on 6/21 (ATA), 3 in Dorset on 7/4 (EFG) and 3 in Washington on 7/6 (ATA). One m. was observed during June feeding on egg shells under a rose bush almost daily in Cambridge (PK). Twelve BBS recorded 17 individuals with a high of 5 on the East Calais route, also 1 VBC report.

FLYCATCHERS THROUGH SWALLOWS. Records of Olive-sided Flycatchers were modest with no report of breeding. Most reports were of single birds except for 3 in Ferrisburg on 7/5 (MCD,JID). Two BBS recorded 3 individuals with a high of 2 on the East Haven route, also 2 VBC reports. Eastern Wood-Pewees were extensively reported and breeding recorded at MNWR with an active nest on 6/2 (ECC) and 1 in West Haven on 7/5 (WGE). Reports of at least 3 included 3 in Washington on 6/3 (ATA), 4 in Lyndonville on 6/17 (LW), 6 in South Reading on 6/21 (TEJ), 4 along the Otter Creek on 7/3 (JRA), 10 in Reading on 7/18 (FMH,GEH) and 3 in Shoreham on 7/31 (ELW). Fourteen BBS recorded 61 individuals with a high of 13 on the Hinesburg route, also 3 VBC reports. A modest number of Yellow-bellied Flycatcher reports included a record of breeding from a VBC field trip of a nest with 4 eggs in Ferdinand (NLM et al.). Reports included 1 at WWMA on 6/1 (ECC), 1 at Lincoln on 6/24 (JRA) and 1 at Branch Pk. on 7/4 (TEJ). Two BBS recorded 2 individuals, 1 each on the East Haven and Hinesburg routes, also 6 VBC reports. Alder Flycatchers were extensively reported with no breeding records. Reports of at least 2 included 4 in Sheffield on 6/3 (PFW,SAW), 2 in South Londonderry on 6/4 (WJN), 2 singing m. at Miller Pk. on 6/8 (CCR), 5 in South Reading on 6/19 (TEJ), 2 in Lincoln on 6/24 (JRA), 2 at Grout Pk., Stratton on 7/4 (TEJ) and 2 in Brandon on 7/24 (SSW). Sixteen BBS recorded 101 individuals with highs of 17 on the Landgrove route and 20 on the East Haven route, also 5 VBC reports. Reports of Willow Flycatchers were moderate including a single breeding reference of "several nesting in the marsh" at Weybridge on 7/30 (MBN). Reports of at least 3 included 3 at West Windsor on 6/12 (FMH,GEH) 4 at Weybridge on 6/14 (MBN), 7 at HC on 7/2 (TEJ) and 3 at ABM on 7/30 (TEJ). Eight BBS recorded 13 individuals with a high of 3 on the Northfield route, also 1 VBC report. Four "Traill's" Flycatchers were banded at

BNP (VINS). Least Flycatcher reports were extensive with breeding records from West Haven including a family with 3-4 fl. on 7/4 and an ad. feeding a cowbird on the same date (WGE,NLM). Reports of at least 5 individuals included 5 at Lincoln on 6/7 (JRA), 5 at Waterbury on 6/9 (WDB), 8 at South Reading on 6/19 (TEJ), and 12 at West Windsor on 6/26 and 7/9 (FMH, GEH). Seventeen BBS recorded 127 individuals with highs of 12 on the East Haven route and 11 on the Landgrove route, also 7 VBC reports and 23 banded at BNP (VINS). Eastern Phoebes were extensively reported and breeding records included 4 fledged yg. in Woodstock on 6/11 (CRP), nests in Bartonsville and Cavendish (TEJ), ads. with a cowbird fl. in addition to one of their own in West Haven on 6/14 (WGE,NLM), 4 fledged yg. at Lyford Pd. on 6/19 (JAM), 5 yg. in Winhall on 6/20 (WJN), 2 recent fl. in West Haven on 7/2 (WGE,NLM), and 5 fl. in Woodstock on 7/18 (CRP). Seventeen BBS recorded 145 individuals with highs of 16 on the West Rutland route and 15 on the Landgrove and Shaftsbury routes, also 6 VBC reports and 35 banded at BNP (VINS). Great Crested Flycatcher reports were also extensive but with no breeding records other than a pair inspecting a cavity in West Haven on 6/1 (WGE). Reports of at least 4 include 8 at South Reading on 6/19 (TEJ), 4 along the Otter Creek on 7/3 (JRA), 4 at DCWMA on 7/5 (MBN), and 4 at Ferrisburg on 7/28 (MCD,JID). Fifteen BBS recorded 38 individuals with highs of 5 on the West Rutland, East St. Johnsbury and East Haven routes, also 3 VBC reports. Eastern Kingbirds were extensively reported and breeding records included nest building in West Haven on 6/2 (WGE) and at East Washington on 6/13 (ATA), 3 fledged yg. at Woodstock on 6/21 (JMN) and in West Haven on 6/27 (WGE,NLM), a nesting pr. at VINS J/J (CCR), a nest at Milton on 7/3 (WBD), and a nesting pr. in late July at Grand Isle (EMH). Reports of at least 8 included 9 at Shoreham on 6/1 (ELW), 9 at South Reading on 6/19 (TEJ), 11 along Otter Creek on 7/3 (ATA), 11 at DCWMA on 7/17 (WAM), 20 at West Windsor on 7/23 (FMH,GEH), 12 at Shoreham on 7/24 (ELW) and 8 at Ferrisburg on 7/28 (MCD,JID). Fifteen BBS recorded 120 individuals with a high of 24 on the Hinesburg route, also 7 VBC reports and 2 banded at BNP (VINS). A minimal number of Horned Lark reports included no breeding record. At Burlington Airport 8-10 individuals were recorded on 6/8 (JB), at Shoreham 1 on 6/8 (ELW) and at Ferrisburg 1 on 6/26 (MCD, JID). The Hinesburg BBS recorded 2 individuals. Purple Martins were modestly reported and breeding was recorded at MMWR on 6/8 (JBG) and at Grand Isle on 6/10 where 25-30 were reported in early July (EMH), also on Grand Isle 2 yg. reported lost to high temperature in the "attic" room; other eight nests all right (DJH). The Hinesburg BBS recorded a single individual. Tree Swallows were extensively reported and breeding was recorded in Dorset on 6/1 (EFG), in East Calais on 6/10 (JCN), in Brownsville where yg. fledged during the week of 6/12 (BMH), in Washington in a kestrel box on 6/13 (ATA), in Woodstock where broods fledged on 6/29 and 7/1 (JMN) and in Barnard where 4 yg. and 2 ads. were observed on 7/4 (JNF). Bluebirds Across Vermont (hereafter BAV) survey results indicate that 182 boxes successfully fledged Tree Swallows. Twenty-nine of 30 swallows banded between 6/18-23 were nestlings, an additional 7 died before fledging, perhaps because of the heat (VINS). Late summer concentrations of 50+ include 50 at Grand Isle on 6/30 (EMH), 100 at HC on 7/15 (WJN), 300 at Shoreham on 7/25 and 7/30 (ELW) and 150 at Bridport on 7/31 (ELW). Seventeen BBS recorded 213 individuals with a high of 36 on the East St. Johnsbury route, also 7 VBC reports. Northern Rough-winged Swallows were moderately reported and breeding was confirmed at TWDR with 6 yg. fledged on 7/12 (ATA). Reports of at least 7 include 7 at HC on 7/2 (TEJ) and 10 at Bridport on 7/23 (ELW).

Four BBS recorded 8 individuals with a high of 3 on the Greensboro route, also 2 VBC reports. Bank Swallows were also moderately reported and breeding was recorded in Brandon on 7/10 (SSW) and North Westminster (TEJ). Other reports include 28 at Island Pd. on 6/12 (SWW) and 50 at HC on 7/6 (WJN). Five BBS recorded 132 individuals with a high of 80 on the Gaysville route, also 5 VBC reports. Moderate numbers of Cliff Swallow reports were submitted, with recorded breeding in Dorset on 6/1 (EFG), in South Reading and Chester on 6/19 (TEJ) and West Windsor where 100+ were counted at Dr. Clifford's barn on 7/23 (FMH,GEH), also 10 individuals in Winhall on 7/14 and 7/28 (WJN). Seven BBS recorded 27 individuals with a high of 6 on the East St. Johnsbury route, also 2 VBC reports. Barn Swallow reports were extensive and breeding was recorded at Washington where 5 yg. fledged on 7/22 (ATA), at Middlebury where 6 yg. fledged on 6/30 (MBN), at Brownsville where 5 yg. fledged on 7/17 (BMH) and at Lincoln where 4 fledged on 7/23 (JRA). Other late summer reports included 20 at Ferrisburg on 7/28 (WDB) 66 at Reading on 7/30 (FMH,GEH) and 60 at Bridport on 7/31 (ELW). Seventeen BBS recorded 355 individuals with a high of 66 on the Hinesburg route, also 5 VBC reports.

JAYS THROUGH WRENS. The Gray Jay, a Vt. threatened species, was moderately reported and breeding was recorded in the WWMA with 4 juvs. and 2 ads. on 6/1 (ECC) and at Yellow Bogs with 7 individuals, an apparent family group, on 6/26 (FO,GPL,CSP). The Greensboro BBS recorded 2 individuals, also 3 VBC reports. Reports of Blue Jays were extensive and breeding was confirmed with a nest with yg. in West Haven between 6/16-22 (WGE,NLM), in Woodstock during J/J with a nesting pr. and 4 yg. (JMN), and in Sheffield with parents teaching yg. to crack sunflower seeds on 6/1 (PWF,SAW). Significant numbers included 26 in South Reading on 6/19 (TEJ), 22 in Reading on 7/30 (FMH,GEH) and about 17 per day in Winhall during J/J (WJN). Seventeen BBS recorded 283 individuals with a high of 36 on the East Haven route, also 6 VBC reports and 1 banded at BNP (VINS). American Crows were extensively reported and breeding was recorded in Woodstock with a nest in a tall white pine that fledged starting on 6/7 (LB) and a nest with yg. in West Haven on 6/1 (WGE). Significant numbers included 20 in West Windsor on 6/26 (FMH,GEH), 8 in Winooski on 7/12 (WDB) and 30 at HC on 7/15 (WJN). Seventeen BBS recorded 457 individuals with a high of 82 on the East Haven route, also 7 VBC reports. Reports of Common Ravens were considerable and breeding was confirmed only in Wallingford with noisy fledged yg. on 6/23 (RWP). Reports, other than single individuals, included 2 at Mt. Philo on 7/9 (MCD,JID), 50+ over VINS as "a loose strung out flock" on 7/13 (CCR), 2 at Hardwick on 7/26 (ATA) and 3 at Bellows Falls on 7/30 (TEJ). Eight BBS recorded 14 individuals with a high of 3 on the East St. Johnsbury route, also 2 VBC reports. Reports of Black-capped Chickadees were extensive and breeding was confirmed in Brownsville with 4 fledged yg. on 6/12 (BMH), in Washington with ads. feeding yg. on 6/13 (ATA), a fl. in West Haven on 6/17 (WGE,NLM), in Lincoln with 2 ad. feeding 4 fl. on 7/10 (JRA) and in Grand Isle with 2 ads. and 3 fls. on 7/21 (EMH). Significant numbers included 18 in South Reading on 6/19 (TEJ), 15 in Huntington on 7/17 (ECC), 38 in West Windsor on 7/23 (FMH,GEH) and 20 per day in Winhall during J/J (WJN). Seventeen BBS recorded 354 individuals with a high of 61 on the East Haven route, also 6 VBC reports and 17 banded at BNP (VINS). Boreal Chickadees were modestly reported and breeding was recorded in Hardwick with 2 ads. and 2 or 3 fls. on 7/20 (ATA). Other reports included 4 at WWMA on 6/1 (ECC), 1 in Sheffield on 6/3 and between 7/6 and 7/22 (PEW,SAW). Four VBC reports. Tufted Titmouse re-

ports, most of single birds, were modest and were from North Westminster during the first week of July (TEJ), 1 on 7/18 and 2 on 7/25 in West Haven (WGE), WRM on 7/29 (WJN), Rutland on 7/27 and 7/29 (ELW) and Weybridge on 7/29 (MBN). The Marlboro BBS recorded 3 individuals. A considerable number of Red-breasted Nuthatch reports were received, including confirmed breeding at L. Willoughby with ads. feeding yg. at nest on 6/12 (CCR), at Hardwick with ads. feeding yg. on 6/20 (ATA), and at Washington with 2 ad. and 5 fl. on 7/24 (ATA). Reports of at least 4 included 12 or more in Wallingford on 7/17 (WME), 4-6 in Hardwick on 7/20 (ATA), and up to 5 a day in Winhall during J/J (WJN). Thirteen BBS recorded 39 individuals with a high of 8 on the East Haven route, also 6 VBC reports. White-breasted Nuthatches were reported extensively and breeding was confirmed in Woodstock with a pr. and 3 yg. on 6/2 (JMN), in Weybridge with a pr. and 2 yg. on 7/1 (MBN), and in Lincoln with a family of 7 including 5 yg. on 7/16 (JRA). Reports of at least 4 included 9 at Reading on 7/3 and 7/18 (FMH,GEH), 4 at Shoreham on 7/21 (ELW) and up to 4 a day in Winhall during J/J (WJN). Fourteen BBS recorded 49 individuals with a high of 11 on the South Wallingford route, also 1 VBC report. Brown Creeper reports were moderate and breeding was confirmed in Washington with ads. feeding noisy yg. on 6/28 (ATA). Other reports were all of single birds. Five BBS recorded 5 individuals, also 1 VBC report and 1 banded at BNP (VINS). Reports of Carolina Wrens were minimal and breeding was confirmed in South Burlington with ads. and fls. on 6/15 (VDC), also a singing m. in Rutland on 7/14 (WGE) and a single bird in Brandon on 7/28 (SSW). House Wrens were extensively reported and breeding was confirmed in Colchester with a nesting pr. on 6/19 (WDB), in Bartonsville on 6/19 (TEJ), in Woodstock with a pr. fledging 5 yg. (JMN), and in Quechee 4 nesting prs., 1 fledging 4 yg. on 7/1 (WED). BAV survey results tallied 27 boxes from which yg. fledged. Reports of at least 4 included 6 in Shoreham on 6/1 (ELW), 6 in South Reading on 6/19 (TEJ), 11 in West Windsor on 6/26 (FMH,GEH) and 4 singing m. at L. Mem on 7/27 (PFW,SAW). Fourteen BBS recorded 51 individuals with highs of 8 on the Post Mills and Shaftsbury routes, also 1 VBC report and 1 banded at BNP (VINS). Winter Wrens were also extensively reported and breeding was confirmed at Dunmore with 2 ad. and 4 fl. on 6/17 (RWP), at Hardwick with 2 ad. and 3 yg. on 6/20 (ATA), at South Burlington with a nesting pr. on 7/16 (VDC), at Stowe with 2 ad. and 2 or 3 fl. on 7/25 (ATA), and at Plymouth 3 pr. with yg. on 7/31 (SBL). Reports of at least 5 included 5 at Reading on 7/3 (FMH,GEH), 7 at Stratton on 7/4 (TEJ), and 6 at Mt. Tabor along the Long Trail on 7/4 (WME). Fourteen BBS recorded 60 individuals with a high of 14 on the East Haven route, also 5 VBC reports. Reports of Sedge Wrens, a Vt. threatened species, were minimal. While breeding was not confirmed, 2 singing males were reported at WRM during the BBS on 6/24 and again on 6/26 (NLM,WGE) also a singing m. in South Londonderry on 7/28. Marsh Wrens were moderately reported. Reports of at least 7 included 22 at DCWMA during a 2 mile canoe trip on 6/27 (MCD,JID), 12 at HC on 7/2 (TEJ), 16 at East Creek on 7/13 (ELW), and 7 at Bristol Rd. on 7/28 (JRA). Three BBS recorded 13 individuals with a high of 8 on the West Rutland route, also 1 VBC report.

KINGLETS THROUGH THRUSHES. Reports of Golden-crowned Kinglets were moderate but no breeding records were submitted. Reports included 6 at Mt. Ascutney on 6/19 (WME), a singing feeding group in Hardwick on 6/20 (ATA), 3 in Reading on 7/24 (FMH,GEH), and 6+ in Hardwick again on 7/26 (ATA). Six BBS recorded 14 individuals with a high of 4 on the East Haven route, also 2 VBC reports. Ruby-crowned Kinglets were also moderately reported and breeding records were not received.

Reports included 1 at WWMA on 6/1 (ECC), a singing m. at Lewis Rd. on 6/8 (CCR), and another singing m. in Sheffield on 7/6 (PFW,SAW). The East St. Johnsbury BBS recorded 2 individuals, also 2 VBC reports. Blue-gray Gnatcatchers were modestly reported and breeding was confirmed at WRM on 6/28 with 2 ads. and 2 fls. (RWP). Walter Ellison, studying gnatcatchers along East Bay in West Haven this summer, located 32 pairs and 28 nests, at least 4 pairs raised second broods. Egg dates ranged from 5/23 to 7/11, nestling dates from 6/3 to 7/20, and fledging dates from 6/14 to 7/21. One pair was seen with a fl. cowbird on 6/28 and one f. adopted a brood of 3 grackles in a nearby nest when her own nestlings disappeared. She continued to feed them from 7/5 to 7/11, when they had fledged, but was ignored by the fl. on 7/14 (WGE,NLM). The Post Mills BBS recorded 1 individual. The number of Eastern Bluebird reports was extensive and breeding was recorded by BAV that reported nesting in 157 boxes and of the 119 where the outcome was known, 98 fledged approximately 600 yg.. At least 20 other nesting reports were received. Six BBS recorded 16 individuals with a high of 5 on the East Haven route, also 2 VBC reports and 6, including 5 nestlings, banded at BNP (VINS). Veery reports were extensive and breeding was recorded at L. Dummore with ads. feeding fls. on 6/30 (RWP), 1 dead fl. in Washington on 6/30 (ATA), and a nesting pr. with 2 fl. in Woodstock on 7/2 (JMN). Reports of at least 5 included 5 in Underhill on 6/7 (JB), 8 in Lyndonville on 6/17 (LW), 21 in South Reading on 6/19 (TEJ), 29 in Reading on 7/3 (FMH,GEH), 10 at HC and Winhall on 7/6 (WJN) and 10 in Lincoln on 7/14 (JRA). Seventeen BBS recorded 287 individuals with highs of 24 on the East Haven route, 23 on the Northfield Falls route, and 22 on the Landgrove, E. St. Johnsbury and East Calais routes, also 6 VBC reports. Gray-cheeked Thrush were minimally reported and breeding was not recorded. Reports included 2 m. on top of Mt. Mansfield on 6/8 (JB) and 1 in Winhall on 6/12 (WJN). Swainson's Thrush were modestly reported and breeding was not recorded. Reports included 5 in Underhill on 6/7 (JB), 3 singing m. on 6/8 in Brighton (CCR), and 7 at Branch Rd., Sunderland, on 7/4 (TEJ). Three BBS recorded 14 individuals with a high of 9 on the Stratton route, also 6 VBC reports and 1 early migrant banded on 7/27 at BNP (VINS). Reports of Hermit Thrush were extensive and breeding was confirmed at Mt. Philo with 1 ad. and 2 yg. on 7/9 (MCD,JID). Other reports included 5 at Mt. Ascutney on 6/19 (WME), 7 at Reading on 7/3 (FMH,GEH), 7 at Lincoln Gap on 7/16 (JRA) and 6 along the Long Trail in Wallingford on 7/17 (WME). Thirteen BBS recorded 78 individuals with a high of 24 on the East Haven route, also 6 VBC reports and 4 banded at BNP (VINS). Wood Thrush were also extensively reported with a breeding record of 2 fl. in West Haven on 7/3 (WGE, NLM). Significant numbers included 6 at Island Rd. on 6/1 (ECC), 16 in South Reading on 6/19 (TEJ), 23 in Reading on 7/3 (FMH,GEH) and 12 in Shelburne on 7/14 (ECC). Sixteen BBS recorded 294 individuals with highs of 55 on the Hinesburg route, 49 on the East Haven route, and 27 on the Northfield Falls route, also 5 VBC reports. American Robins were extensively reported with at least 11 breeding records submitted. Significant numbers included 19 at Delta Pk. on 6/11 (DAR), 26 in South Reading on 6/19 (TEJ), 97 in Reading on 7/3 (FMH,GEH), 50 at HC on 7/15 (WJN), and 20+ in Hardwick feeding on raspberries on 7/26 (ATA). Seventeen BBS recorded 911 individuals with highs of 124 on the Hinesburg route and 90 on the East Haven route, also 7 VBC reports and 13 banded at BNP (VINS).

MIMIDS THROUGH VIREOS. Gray Catbirds were extensively reported and breeding was recorded at VINS with a pr. with a new fl. on 6/20 (CCR), a recent fl. in West Haven on 6/28 (WGE), a nesting pr. in Brownsville

during J/J (BMH) and two breeding pr. in Woodstock on 6/30 (JMN). Significant numbers include 8 in Shoreham on 6/1 (ELW), 8 in South Reading on 6/19 (TEJ), 18 along the Otter Creek on 7/3 (JRA), 10 at HC on 7/6 (WJN), 15 in West Windsor on 7/19 (FMH,GEH) and in Shoreham on 7/23 (ELW). Sixteen BBS recorded 133 individuals with highs of 19 on the South Wallingford route and 18 on the West Rutland route, also 3 VBC reports and 24 banded at BNP (VINS). Northern Mockingbirds were moderately reported and breeding was recorded in Manchester with a nesting pr. on 6/5 (ELW), in South Burlington a pr. with 2 fl. on 7/17 (WAM) and in Ferrisburg 2 yg. on 7/26 (MCD,JID). Except for 3 in Colchester on 6/27 (WDB), the remainder were single sightings. Seven BBS recorded 15 individuals with a high of 3 on the Post Mills route. Brown Thrashers were also moderately reported and breeding was not confirmed. Reports included 2 in Reading on 6/22 (FMH,GEH) a pr. in Middlebury on 7/3 (JRA), 2 in Williston on 7/13 (WDB) and 3 pr. in Brownsville during J/J (BMH), the remainder were single sightings. Six BBS recorded 9 individuals with a high of 3 on the East Haven route, also one VBC report and 4 banded at BNP (VINS). Reports of Cedar Waxwings were extensive and breeding was confirmed with nest building in Washington on 6/14 (ATA) and in West Haven on 6/20 (WGE), a nest containing yg. on 7/9 in West Haven (WGE), at Bristol Notch ads. with yg. on 7/15 (JRA), and a f. on nest at VINS on 7/31 (CCR). Significant numbers included 12 at Lyford Rd. on 6/19 (JAM), 14 in Reading on 7/3 (FMH,GEH), 10 in Ferrisburg on 7/5 (MCD,JID), 12 at Brandon Gap on 7/30 (MBN) and 12 at Grand Isle in late July (EMH). Sixteen BBS recorded 174 individuals with highs of 16 on the Newbury route and 15 on the East Haven and Greensboro routes, also 7 VBC reports and 37 banded at BNP (VINS). European Starlings were extensively reported but the only breeding records mentioned were a nest with yg. in West Haven on 6/27, a fl. there on 7/11 (WGE), and 20 imms. at DCWMA on 7/24 (MBN). Significant numbers included 128 in West Windsor on 6/26 (FMH,GEH), 50 at HC on 7/6 (WJN), and 50+ in Brownsville during J/J (BMH). Seventeen BBS recorded 870 individuals with highs of 133 on the Greensboro route and 112 on the South Wallingford route, also 7 VBC reports and 3 banded at BNP (VINS). There were a considerable number of reports of Solitary Vireos, with breeding recorded in Hardwick with a pr. and 3 fl. on 6/20 (ATA) and again in Hardwick a m. feeding yg. on 7/20 (ATA). Except for 4 in Sunderland on 7/4 (TEJ), the rest were of 1 or 2 birds. Eleven BBS recorded 40 individuals with highs of 6 on the East Haven route and 5 on the East Calais route, also 5 VBC reports. Yellow-throated Vireos were moderately reported and breeding was confirmed in West Haven with an ad. feeding a fl. a gypsy moth caterpillar on 7/5 and another ad. feeding a cowbird fl. on 6/24 (WGE), and in Woodstock with a nesting pr. (JMN). Other reports besides single birds included 2 in Bellows Falls on 6/21 (TEJ) and 4 at HC on 7/2 (TEJ). Six BBS recorded 19 individuals with highs of 6 on the Post Mills and West Rutland routes. Warbling Vireos were extensively reported and breeding was recorded in West Haven with a fl. on 7/2 (WGE,NLM). Significant numbers included 3 in South Reading on 6/19 (TEJ) and 5 in West Windsor on 6/26 (FMH,GEH). Fourteen BBS recorded 65 individuals with highs of 13 on the Shaftsbury route, 11 on the Hinesburg route, and 10 on the Post Mills route, also 3 VBC reports and 2 banded at BNP (VINS). Philadelphia Vireos were minimally reported with a single report of a bird in Winhall on 6/9 (WJN). Red-eyed Vireos were extensively reported but the only breeding records submitted were of ads. with fl. cowbirds on 7/5, 7/12 and 7/27 in West Haven (WGE). Significant numbers included 35 in South Reading on 6/19 (TEJ), 19 in Lincoln on 6/28 (JRA), 10 on Mt. Tabor on 7/4 (WME) and 58 in Reading on 7/18

(FMH,GEH). Seventeen BBS recorded 714 individuals with highs of 78 on the Landgrove route and 76 on the East Haven route, also 7 VBC reports and 11 banded at BNP (VINS).

WOOD WARBLERS. Blue-winged Warblers were minimally reported with no breeding recorded in a single report from Bennington on 6/17 (MCD,JID). Also minimally reported with no breeding record were Golden-winged Warblers with a single bird in Brandon on 7/27 (SSW). The West Rutland BBS recorded a single individual. Reports of Tennessee Warblers were modest with no confirmed breeding. Single birds were reported in Norwich on 6/8 and 6/28, both singing males (CCR), in Cavendish on 7/2 and 7/23 (TEJ), in Sunderland on 7/16 (TEJ,JJC), and in West Windsor on 7/23 (FMH,GEH), 1 banded at BNP on 7/25 (VINS), and 1 singing in Pike Hill Swamp, Corinth on 7/29 (EJM). One VBC report. Nashville Warblers were moderately reported with no confirmed breeding records. Reports were all of single birds except 2 in Sheffield on 6/3 (PFW,SAW), 2 in Lyndonville on 6/17 (LW), and 2 in Woodstock (JMN). Six BBS recorded 14 individuals with highs of 4 on the Landgrove route and 3 on the Greensboro route, also 5 VBC reports and 1 banded at BNP (VINS). A modest number of Northern Parula reports included no breeding record. Two individuals were reported at Snake Mt. on 6/4 (MCD,JID) and a singing m. in Hardwick on 7/20 (ATA). Three BBS recorded 8 individuals with highs of 4 on the East Haven route and 3 on the East Calais route, also 4 VBC reports. Yellow Warblers were extensively reported. At least 6 breeding records included 3 nests at BNP, one of which contained yg. between 6/9-13, another which fledged on 6/23 or 24 (CCR), and 1 nest with eggs on both Knight 1. and Grammas 1. on 6/2 (CCR), and a pr. with several fl. on 6/28 in West Haven (WGE). Significant numbers included 12 in Shoreham on 6/1 (ELW) and 16 in West Windsor on 6/12 (FMH,GEH). Sixteen BBS recorded 210 individuals with highs of 38 on the Hinesburg route and 36 on the Shaftsbury route, also 6 VBC reports and 20 banded at BNP (VINS). Chestnut-sided Warblers were extensively reported and breeding was confirmed with 2 imm. in Washington on 7/24 (ATA). Reports of at least 9 included 13 in Stratton on 6/15 (FMH,GEH), 10 in Lyndonville on 6/17 (LW), 15 in South Reading on 6/19 (TEJ) and 9 in Lincoln on 7/5 (JRA). Sixteen BBS recorded 210 individuals with a high of 42 on the Landgrove route, also 6 VBC reports and 3 banded at BNP (VINS). Reports of Magnolia Warblers were considerable and breeding was recorded with a m. feeding fls. in Washington 7/23 (ATA). Reports of at least 5 included 5 in Reading on 6/7 (FMH,GEH) and 11 in Sunderland on 7/4 (TEJ,AY). Seven BBS recorded 20 individuals with a high of 9 on the Landgrove route, also 5 VBC reports and 1 banded at BNP (VINS). Cape May Warblers were minimally reported with probable breeding recorded at Moose Bog with a singing m. in the company of a f. on 6/5 (BB). The Greensboro BBS recorded a single individual, also 4 VBC reports. Reports of Black-throated Blue Warblers were considerable and breeding was recorded in Norwich with a nest containing a single egg and 1 cowbird nestling on 6/2 (CCR). Reports of at least 5 included 16 in Reading on 6/4 (FMH,GEH), 7 in Peru on 6/27 and 14 in Mt. Tabor on 7/4, both along the Long Trail (hereafter LT) (WME), 5 in Sunderland on 7/4 (TEJ) and 7 at Lincoln Gap on 7/26 (JRA). Seven BBS recorded 17 individuals with highs of 4 on the Marlboro, Stratton and Landgrove route, also 4 VBC reports. Yellow-rumped Warblers were extensively reported and breeding was confirmed in West Haven with a f. gathering nest material on 6/3 (WGE), in Lincoln with an ad. feeding cowbird fls. on 7/4 (JRA), and at Camel's Hump with an ad. and juvs. on 7/5 (ATA). Reports of at least 3 included 3 in Underhill on 6/3 (SSW), 7 in Stratton on

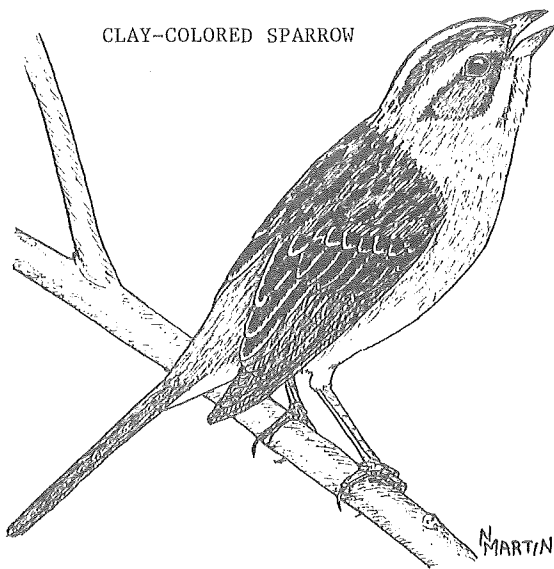
6/15 (FMH,GEH), 10 in South Reading on 6/19 (TEJ), and 3 in Peru on 6/27 (WME). Sixteen BBS recorded 105 individuals with a high of 21 on the Landgrove route, also 7 VBC reports. There were considerable numbers of Black-throated Green Warbler reports with recorded breeding in Stowe with ads. feeding fls. on 7/25 (ATA). Other reports included 6 in Lyndonville on 6/17 (LW), 6 singing m. in Wallingford on 6/23 (RWP), 7 at Lincoln Gap on 6/28 (JRA), and 7 in Sunderland on 7/4 (TEJ). Eleven BBS recorded 25 individuals with a high of 5 on the Greensboro route, also 4 VBC reports. Blackburnian Warbler reports were considerable and breeding was confirmed in Washington with a m. feeding yg. and a f. feeding yg. both on 6/28 (ATA). Other reports included 6 in Reading on 6/6 and 6/10 (FMH,GEH) and 4 in Sunderland on 7/4 (TEJ). Ten BBS recorded 23 individuals with a high of 6 on the Landgrove route, also 7 VBC reports. Pine Warblers were minimally reported and breeding was not recorded. A single bird was recorded in Brandon on 6/10 (SSW). Three BBS recorded 7 individuals with a high of 4 on the Post Mills route. Reports of Prairie Warblers were minimal with 3 breeding pr. at the Rifle Range in South Woodstock. (JMN). Other reports included 1 in Bennington on 6/18 (MCD,JID) and a singing m. at BNP in J/J (CCR). Two BBS recorded 3 individuals, with 2 on the Marlboro route and 1 on the Shaftsbury route. Bay-breasted Warblers were modestly reported and breeding was not recorded. Reports included 1 in WWMA on 6/1 (ECC) and 2 m., one singing, at Yellow Bogs on 6/26 (FP,GPL,CSP). Two VBC reports. Blackpoll Warbler reports were also modest and breeding was not confirmed. Reports included at least 4 males in Underhill on 6/8 (JB), 7 in Peru along the LT, especially Styles Peak, on 6/27 (WME) and 2 at Branch Pd. on 7/4. One VBC report. Reports of Cerulean Warblers, a Vt. species of special concern, were minimal and breeding was confirmed along the Lamoyille River in Milton with a singing m. and a f. with 2 fl. on 7/16 (CCR,FW,LD). The West Rutland BBS recorded a singing m. in Florence. Black-and-white Warblers were extensively reported and breeding was confirmed in West Haven with a fl. on 6/23 and in Washington on 7/18 with a m. and f. feeding yg. (ATA). Other reports included 4 in WWMA on 6/1 (ECC), 3 in Lyndonville on 6/17 (LW), 8 in South Reading on 6/19 (TEJ) and 6 in Reading on 6/22 (FMH,GEH). Fifteen BBS recorded 56 individuals with a high of 12 on the Marlboro route, also 5 VBC reports and 9 banded at BNP (VINS). American Redstart reports were also extensive and breeding was recorded in West Haven with a nest with yg. on 6/24 and an ad. with a fl. on 7/5 (WGE), at L. Dunmore with a f. feeding yg. on 7/7 (RWP), at Bristol Notch with an ad. feeding 4 yg on 7/15 (JRA), in Milton with a f. on nest on 7/16 (CCR) and in Washington with a m. and f. and 3 fl. on 7/22 (ATA). Other reports included at least 3 in Waterbury on 6/9 (WDB), 12 in South Reading on 6/19 (TEJ), 8 in West Windsor on 6/26 (FMH,GEH) and 7 at Lincoln Gap on 7/26 (JRA). Seventeen BBS recorded 190 individuals with highs of 28 on the Shaftsbury route, and 19 on both the Gaysville and Greensboro routes, also 6 VBC reports and 15 banded at BNP (VINS). Ovenbirds were also extensively reported and breeding was recorded in Norwich with a nest and 5 eggs on 6/5 (CCR), in Wallingford 2 pr. of ads., each feeding yg. on 6/23 (RWP), and in Woodstock an adult feeding yg. on 7/4 (JMN). Other reports included 16 in West Windsor on 6/12 (FMH,GEH), 20 in South Reading on 6/19 (TEJ), 6 in Peru along the LT on 6/27 (WME) and 15 in Lincoln on 6/28 (JRA). Seventeen BBS recorded 213 individuals with highs of 25 on the Marlboro route, 20 on the Landgrove route, and 18 on the Northfield Falls route, also 6 VBC reports and 7 banded at BNP (VINS). Northern Waterthrush were moderately reported and breeding was not recorded. Reports included 2 in Shaftsbury on 6/17 (MCD,JID), 3 at

Branch Pd. on 7/4 (TEJ) and 2 in Reading on 7/30 (FMH,GEH). Four BBS recorded 5 individuals with a high of 2 on the Post Mills route, also 3 VBC reports. Louisiana Waterthrush were also moderately reported and breeding was confirmed in West Haven with an agitated pr. carrying food on 6/3 and a juv. on 6/24 (WGE), at L. Dunmore where yg. fledged on 6/16 (RWP), and in Bellows Falls with an ad. feeding yg. on 6/20 (TEJ). Other reports included 2 in Chippenhook on 6/6 (CJF) and 2 in South Reading on 6/19 (TEJ). Two BBS recorded 3 individuals with a high of 2 on the Marlboro route and a migrant was banded at BNP on 7/29 (VINS). A KENTUCKY WARBLER, first observed by Jeremy Coleman on 5/21 in West Brattleboro, continued singing through 6/5 for a fifth state record. Mourning Warblers were moderately reported and breeding was recorded in Norwich with a nesting pr. during J/J (CCR). Other reports included 6 in Reading on 6/4 (FMH,GEH) and singing males at MNWR on 6/17 (REW), in South Duxbury on 6/18 (FAP) and Plymouth on 7/31 (SBL,WG,EL). Six BBS recorded 8 individuals with highs of 2 on the Post Mills and East Haven routes, also 3 VBC reports, one with 4 individuals, and a late migrant banded at BNP on 6/13 (VINS). Reports of Common Yellowthroats were extensive and breeding was recorded at VINS with a nest and 3 eggs on 6/23 (CCR), in Washington with a f. feeding yg. on 6/30 (ATA), in West Haven with a tailless fl. on 7/4 (WGE,NLM), and again in Washington with a m. feeding a cowbird fl. on 7/12 (ATA). Other reports of at least 6 included 30 in South Reading on 6/19 (TEJ), 6 in Lincoln on 6/25 (JRA), 10 at DCWMA on 6/27 (MCD,JID) and 21 in Reading on 7/17 (FMH,GEH). Seventeen BBS recorded 477 individuals with highs of 47 on the South Wallingford and West Rutland routes and 44 on the Landgrove and Hinesburg routes, also 7 VBC reports and 28 banded at BNP (VINS). Wilson's Warbler, a Vt. species of special concern, was minimally reported and while breeding was not confirmed, 2 singing m. in the presence of a f. were reported from Yellow Bogs on 6/26 (FO,CSP,GPL). Other reports included a singing m. on 6/8 at Yellow Bogs (GPL) and another singing m. at Victory Bog on 7/7 (CP). A migrant was banded at BNP on 6/1 (VINS). Reports of Canada Warblers were considerable and breeding was recorded in Sunderland with 2 ad. attending 3 yg. on 7/4 (TEJ). Reports of at least 3 included 5 in Reading on 6/1 and 6/11 (FMH,GEH), 5 in Underhill on 6/7 (JB), 4 singing m. in Washington on 6/28 (ATA), and 3 on Mt. Tabor on 7/4 (WME). Eight BBS recorded 15 individuals with a high of 7 on the East St. Johnsbury route, also 5 VBC reports and 5 banded at BNP (VINS).

TANAGERS THROUGH SPARROWS. Scarlet Tanagers were extensively reported and breeding was confirmed in Wallingford with 2 ad. feeding 2 fl. on 6/23 (RWP), in West Haven with an ad. feeding a fl. cowbird on 7/3 (WGE,NLM), in Ripton with 3 imm. on 7/29 (JRA), and in Woodstock with 2 breeding pr. (JMN). Reports other than single birds included 8 in South Reading on 6/19 (TEJ) and 10 in Reading on 7/18 (FMH,GEH). Seventeen BBS recorded 76 individuals with highs of 16 on the Hinesburg route, 13 on the Marlboro route, and 11 on the East Haven route, also 2 VBC reports and 2 banded at BNP (VINS). Reports of Northern Cardinals were considerable and breeding was recorded in Grand Isle with a nesting pr. in mid-July (EMH) and in Ferrisburg with 2 families of 6 at a feeder on 7/30 (MCD,JID). Reports of at least three included 3 in Shelburne on 6/1 (ECC), 3 in Colchester on 6/29 (WDB), 3 in Dorset on 7/20 (EFG), and a high in Brandon of 9 (SSW). Six BBS recorded 29 individuals with a high of 11 on the West Rutland route, also 2 VBC reports and 1 banded at BNP (VINS). Rose-breasted Grosbeaks were extensively reported and breeding was confirmed in Ferrisburg where 2 m. and 2 f. were observed with 4 yg. at a

feeder (MCD,JID) and in Woodstock with a breeding pr. and yg. seen on 6/19 (JMN). Reports of 4 or more included 4 in Lyndonville on 6/17 (LW), 9 in South Reading on 6/19 (TEJ) and 7 in Reading on 7/16 (FMH, GEH). Sixteen BBS recorded 109 individuals with highs of 23 on the East Haven route and 22 on the Hinesburg route, also 3 VBC reports and 5 banded at BNP (VINS). Indigo Buntings were also extensively reported and breeding was recorded at VINS with a nest with 4 eggs on 6/13 that contained yg. on 6/21 (CCR). Significant numbers included 14 in South Reading on 6/19 (TEJ), 9 in Lincoln on 6/28 (JRA), and 10 in Reading on 7/3 (FMH,GEH). Sixteen BBS recorded 104 individuals with highs of 20 on the Gaysville route, 17 on the Post Mills route, and 16 on the Hinesburg route, also 2 VBC reports and 4 banded at BNP (VINS). Rufous-sided Tow-hee reports were moderate and breeding was confirmed at VINS with a nesting pr. during J/J (CCR). Observers used the terms "scarce" and "very scarce" while reports of 2 or more included 2 in South Reading on 6/19 (TEJ) and 3 in West Windsor on 7/23 (FMH,GEH). Five BBS recorded 9 individuals with a high of 4 on the Shaftsbury route, also 1 VBC report and 5 banded at BNP (VINS). Reports of Chipping Sparrows were extensive and breeding was recorded at VINS on 6/13 with a nest containing 3 eggs and on 6/23 with ads. feeding juvs. (CCR), and in West Haven with several fl. on 6/19 (WGE,NLM). Significant numbers included 7 in South Reading on 6/19 (TEJ), 10 in Colchester on 6/29 (WDB), 6 in Williamstown on 7/3 (ELW), at least 12 in Woodstock on 7/8 (JMN) and 10 in Reading on 7/18 (FMH, GEH). Seventeen BBS recorded 197 individuals with highs of 23 on the Landgrove route and 21 on the Hinesburg route, also 6 VBC reports and 19 banded at BNP (VINS). A singing m. CLAY-COLORED SPARROW discovered and taped by Allan and Marge Stinson in Wood-

reference to 15 at DCWMA, most of which were juvs. (MBN). Other reports included 6 at South Slang on 6/20 (MCD,JID), 5 at East Creek on 6/25 (TEJ) and 7 in Shoreham on 7/12 (ELW). Eleven BBS recorded 65 individuals with highs of 14 on the East Haven route, 13 on the Greensboro route, and 11 on the Hinesburg route, also 3 VBC reports. Grasshopper Sparrows were reported minimally with a record of 2 singing m. at the Stone Bridge access of DCWMA on 6/1 (CL), 1 along Gage Rd. in Addison on 7/2 (EJM), and 1 in West Haven on 7/17 (WGE). Song Sparrows were extensively reported and breeding was confirmed in West Haven with a tailless fl. on 6/2 and ads. feeding cowbird fls. on four dates between 6/4 and 6/16, one pair was also successful in raising one of their own yg. (WGE,NLM), in Woodstock with ads. feeding yg. on 6/28 (JMN), and in Washington with an ad. and 2 yg. on 6/30 (ATA). Reports of 10 or more included 36 in South Reading on 6/19 (TEJ), 20 at South Slang on 6/20 (MCD,JID), 10+ in Colchester on 7/5 (WDB), 10 at HC on 7/6 (WJN), 25 in West Windsor on 7/23 (FMH,GEH), 10+ in Ferrisburg on 7/28 (WDB) and 10 in Grand Isle from mid to late July (EMH). Seventeen BBS recorded 640 individuals with highs of 91 on the Hinesburg route and 65 on the West Rutland route, also 6 VBC reports and 43 banded at BNP (VINS). Lincoln's Sparrows were modestly reported and breeding was recorded at Lyndon State College with a pr. carrying food for yg. on 6/11 (CCR), a nest with 5 eggs at Moose Bog on a VBC field trip on 6/12 (NLM et al.), and at Branch Pd., Sunderland with 4 ad., 1 attending yg., on 7/4 (TEJ). Other reports included 1 in Sheffield on 7/6 (PFW,SAW) and 1 in Stratton on 7/16 (TEJ,JJC). The East Haven BBS recorded 5 individuals, also 4 VBC reports. Reports of Swamp Sparrows were modest. Reports included 3 in Lincoln on 6/25 (JRA), 7 at DCWMA on 6/27 (MCD,JID), 3 at HC on 7/2 (TEJ) and 4 at L. Mem. on 7/27 (PFW,SAW). Five BBS recorded 30 individuals with highs of 7 on the South Wallingford, West Rutland and Hinesburg routes, also 3 VBC reports. White-throated Sparrows were extensively reported and breeding was confirmed with a breeding pr. in Woodstock (JMN) and a VBC field trip to Moose Bog found a nest with 4 eggs (NLM et al.). Significant numbers reported included 9 in Lincoln on 6/5 (JRA), 10+ in Underhill on 6/7 (JB), 12 in Lyndonville on 6/17 (LW), 15 in Peru along the LT on 6/27 (WME) and 33 in Reading on 7/18 (FMH,GEH). Fifteen BBS recorded 249 individuals with highs of 38 on the Landgrove route and 35 on the East Haven route, also 6 VBC reports and 1 banded at BNP (VINS). A considerable number of reports of Dark-eyed Juncos included breeding records in Lincoln with ads. and fls. on 6/28 (JRA), at Camel's Hump with an ad. and 2 yg. on 7/5 (ATA) and in Stowe with an ad. and 2 yg. on 7/25 (ATA). Other reports included 5+ in Waterbury on 6/9 (WDB) and 13 in Ripton on 7/29 (JRA). Twelve BBS recorded 42 individuals with highs of 16 on the Marlboro route and 12 on the Stratton route, also 4 VBC reports.



CLAY-COLORED SPARROW

stock on 7/3 stayed until 7/8 and was seen by many of the VINS staff (CCR,NLM,WGE,JMN,SBL). This constitutes a third state record. Reports of Field Sparrows were moderate and breeding was confirmed at BNP with 5 nesting pr. and at least 7 nests, with egg dates between 5/26 and 7/11, nestlings between 6/1 and 7/20, and fl. from 6/9 to 7/21 (CCR). Significant numbers included 4 in West Windsor on 6/26 and 7/9 (FMH,GEH), 12 in Colchester on 6/29 (WDB) and 20 in Shoreham on 7/5 (EJM). Seven BBS recorded 13 individuals with a high of 5 on the Shaftsbury route, 9 were banded at BNP (VINS). Vesper Sparrows were modestly reported. Reports included 1 in Shoreham on 6/19 (ELW), 2 in West Haven on 7/17 (WGE), 2 in Bridport on 7/20 (ELW), 1 in Castleton on 7/25 (WJN) and 1 in Underhill on 7/31 (ELW). Three BBS recorded 3 individuals. A moderate number of Savannah Sparrow reports included a

BLACKBIRDS TO HOUSE SPARROW. Reports of Bobolinks were extensive. Significant numbers included up to 12 in Grand Isle on 6/10 (EMH) 40+ in Ferrisburg on 6/20 (MCD,JID), 14 in Shoreham on 6/20 (ELW), 12 at DCWMA on 7/15 (MBN) and 40 in Reading on 7/23 (FMH,GEH). Sixteen BBS recorded 244 individuals with a high of 78 on the East Haven route, also 5 VBC reports. Red-winged Blackbirds were extensively reported and breeding was recorded in DCWMA with 2 nests and eggs on 6/18 (RWP), in West Haven with a fl. on 6/30 (WGE), in Sheffield with a m. feeding yg. on 7/9 (PFW,SAW), and a nest with 3 eggs at BNP on 7/2 (CCR). Reports of 20 or more included 50 in Grand Isle on 6/10 (EMH), 26 in Colchester on 6/11 (DAR), 20 in Ferrisburg on 6/20 (MCD,JID), 50 at HC and ABM on 7/6 (WJN), 71 in Reading on 7/30 (FMH,GEH) 24 at Shelburne Pd. on 7/31

(ECC) and 40+ at Brownsville during J/J (BMH). Seventeen BBS recorded 739 individuals with highs of 122 on the Hinesburg route, 99 on the Colchester route, and 86 on the West Rutland route, also 7 VBC reports and 37 banded at BNP (VINS). Eastern Meadowlark reports were considerable. Reports included 3 at DCWMA on 6/2 (JMN), 4 in Ferrisburg on 6/20 (MCD,JID), 5 in Shoreham on 6/21 (ELW) and 3 in Shelburne on 6/29 (ECC). Seven BBS recorded 41 individuals with a high of 20 on the Hinesburg route, also 5 VBC reports. Rusty Blackbirds, a Vt. species of special concern, were minimally reported. Breeding was confirmed at Branch Pk., Sunderland with a pr. and fl. on 6/26 (CCR). Other reports included 6 from Branch Pk. on 7/4 (TEJ) and 6 in Hardwick on 7/26 (ATA). Two VBC reports. Common Grackles were extensively reported and breeding records came from West Haven with a family group with well-fledged yg. on 6/7, and nests with yg. on 6/17, 6/20, and 7/4 (WGE,NLM), from DCWMA with an ad. feeding yg. on 6/18 (RWP), and from Washington with a family group of 4 on 6/30 (ATA). Large numbers included 200-300 in a Grand Isle woodlot on 6/30 (EMH), 30 at HC on 7/6 (WJN), 50+ in Washington flying to evening roost on 7/25 (ATA) and 50 in Reading on 7/30 (FMH,GEH). Sixteen BBS recorded 371 individuals with a high of 95 on the Hinesburg route, also 7 VBC reports. Brown-headed Cowbirds were extensively reported and breeding records have been noted under the host species. Other reports included 25 m. in Washington on 6/1 (ATA), 8 in West Windsor on 6/26 (FMH, GEH), up to 12 at a feeder in Washington on 6/30 (ATA) and 10 in Addison on 7/23 (WDB). Seventeen BBS recorded 106 individuals with highs of 14 on the Gaysville route and 12 on the Post Mills and West Rutland routes, also 5 VBC reports and 1 banded at BNP (VINS). New Orchard Oriole breeding records came from ABM, Westminster with a pr. including a second-year male attending a nest between 6/5 and 6/18 (AMD,DC,REG,EE) and in Brandon with another second-year male and his mate feeding yg. in the nest on 6/24 and 6/26 (NLM, NER,WGE). Other reports included 1 m. at DCWMA on 6/21 (BLR), a singing m. at HC on 6/26 and 6/28 (AMD) and a m. and f. in Dorset on 7/10 and 7/19 (EFG). The one BBS record was the Brandon male. Northern Orioles were extensively reported and breeding was recorded at least 17 times. Nestling dates included 6/13 at BNP (CCR), and 6/3 & 6/13 in West Haven (WGE,NLM), and fl. dates included 6/17, 6/22 and 7/14 in West Haven (WGE, NLM), 6/26 and 7/12 in Washington (ATA), and 7/21 in Grand Isle (EMH). Other reports included 8 in Shoreham on 6/1 (ELW) 5 in Burlington on 6/3, 5 in Reading on 6/12 and 6/26 (EMH,GEH), 5 in Dorset on 7/9 (EFG) and 25 f. or yg. on 7/30 in Ferrisburg in "a single flock in our yard feeding. Never have we seen a 'flock' of orioles in 30 years of birding" (MCD,JID). Fifteen BBS recorded 93 individuals with highs of 13 on the Post Mills and West Rutland routes and 11 on the Colchester route, also 3 VBC reports and 3 banded at BNP (VINS). Reports of Purple Finches were extensive and breeding was recorded in Washington with a f. and fls. on 6/27 (ATA). Significant numbers included 15 in Marshfield on 7/6 (MFM), 13 in Sheffield on 7/24 (PFW,SAW) and 12+ in Walden on 7/31 (JAM). Twelve BBS recorded 30 individuals with a high of 10 on the Landgrove route, also 5 VBC reports and 1 banded at BNP (VINS). House Finches also were extensively reported. Reports of 10 or more included about 10 in Dorset on 6/1 (EFG), 25 in Weybridge on 6/27 (MBN), 12-24 in Grand Isle in late June (EMH), 25 in Dorset on 7/2 (EFG), 10 in Colchester on 7/5 (WDB) and 10 in Burlington on 7/22 (WDB). Eleven BBS recorded 54 individuals with a high of 14 on the Shaftsbury route, also 3 VBC reports and 2 banded at BNP (VINS). A single White-winged Crossbill report came from a VBC field trip to Moose Bog (WDN,TEJ et al.). A moderate number of Pine Siskin reports included no record of breeding.

The high count was 30 in Reading on 6/7 (FMH,GEH), other reports being of 3 birds or fewer. Five BBS recorded 62 individuals with a high of 53 on the Landgrove route, also 2 VBC reports. American Goldfinches were extensively reported and breeding was recorded in Weybridge with a f. gathering nesting material on 7/8 (MBN), in Woodstock with a nesting pr. in late July (JMN) and in Brownsville in a nesting pr. (BMH). Significant numbers included 10 in Lincoln on 6/2 (JRA), 12 in South Reading on 6/19 (TEJ), 10 in Colchester on 6/27 (WDB) and 12-24 on Grand Isle "in the thistles" in mid-July (EMH). Seventeen BBS recorded 214 individuals with highs of 45 on the Hinesburg route and 30 on the East Haven route, also 6 VBC reports and 7 banded at BNP (VINS). Reports of Evening Grosbeak were considerable and breeding was recorded in Shrewsbury with ads. feeding yg. on 7/7 and an ad. with yg. on 7/27 (LPS), in Washington with a m. and imms. at feeder on 7/23 (ATA), in Grand Isle with an ad. feeding 2 fls. on 7/31 (DJH) and in Randolph with 3 yg. at feeder in July (MCC,EWC). Other reports included 30 in Dorset on 7/3 (FMH, GEH) and 13 in Lincoln on 7/20 (JRA). Two BBS recorded 5 individuals, also 3 VBC reports. House Sparrows were extensively reported. Reports included 61 in Weybridge on 6/29 (MBN), 17 in Dorset on 7/12 (EFG) and 30+ in Brownsville during J/J (BMH). Thirteen BBS recorded 204 individuals with highs of 64 on the Hinesburg route and 40 on the West Rutland route, also 6 VBC reports and 1 banded at BNP (VINS).

U.S. Fish and Wildlife Service Breeding Bird Survey Routes, Observers and Dates. Routes are 25 miles long, with 3 minute stops every half mile.

Colchester (JNS) 6/12	Newbury (FAP) 6/15
East Calais (LNM) 6/19	Northfield Falls (WHB) 6/28
East Haven (DLC) 6/19	Post Mills (WGE) 6/15
E. St. Johnsbury (DHM) 6/28	
Gaysville (NLM) 6/30	Shaftsbury (CCR) 6/24
Greensboro (BMP) 6/26	S. Wallingford (MES) 6/29
Hinesburg (DLC) 6/25	Stowe (EJM) 6/19
Landgrove (WGE) 6/18	Stratton (FMH) 6/15
Marlboro (JJC) 6/10	W. Rutland (NLM) 6/24

South Reading (TEJ) 6/19 was not on the computer printout and has been noted as a separate report. Reports submitted by (FMH,GEH) were the result of modified BBS-type observations.

Abbreviations Used in the Text

ABM	Allen Brothers' Marsh, Westminster
BAV	Bluebirds Across Vermont
BBS	Breeding Bird Survey
BNP	Bragdon Nature Preserve, VINS, Woodstock
DCWMA	Dead Creek Wildlife Management Area, Addison and Panton
GM	Gale Meadows, Winhall
HC	Herrick's Cove, Rockingham
L.Mem	Lake Memphrenagog
LT	Long Trail
MNWR	Missisquoi National Wildlife Refuge, Swanton
MCWMA	Mud Creek Waterfowl Management Area, Alburg
RM	Retreat Meadows, Brattleboro
TWDR	Thurman W. Dix Reservoir, Orange
VBC	Vermont Bird Conference, Lyndonville 6/11-6/12
VINS	Vermont Institute of Natural Science
WWMA	Wenlock Wildlife Management Area, Ferdinand
WRM	West Rutland Marsh

ad.	adult	L.	Lake
epp	estimated peak population	Mt.	Mountain
f.	female	m.	male
fl.	fledgling	pr.	pair
imm.	immature	Pt.	Point
I.	Island	Pd.	Pond
J/J	June and July	yg.	young
juv.	juvenile	Vt.	Vermont

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